



City of Cambridge

13.

IN CITY COUNCIL

September 8, 1986

VICE-MAYOR VELLUCCI

ORDERED:

That the attached proposed amendment to the General Ordinances of the City of Cambridge in Chapter Eleven entitled: "Health, Hospitals and Housing" by inserting an Article IV entitled: "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge", be referred to the Committee on Ordinances.

In City Council September 8, 1986.

Adopted by the affirmative vote of 9 members.

Attest:- Joseph E. Connarton, Acting City Clerk.

A true copy:

ATTEST:-

Joseph E. Connarton, Acting City Clerk.

(PROPOSED AMENDMENT PASSED TO A SECOND READING. COMMITTEE ON ORDINANCES HEARING SCHEDULED FOR THURSDAY, SEPTEMBER 18, 1986 AT 5:00 P.M.)

II. GUIDELINES FOR ANIMAL EXPERIMENTATION

- (a) All experiments on animals in the City of Cambridge shall be undertaken only in strict conformity with the "Guide for the Care and Use of Animals" (hereinafter referred to as the "Guide") of the National Institute of Health (hereinafter referred to as "NIH") as set forth in the Federal Register dated May 9, 1985 and in conformity also with applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances and regulations of the City of Cambridge and such specific regulations as are established by the Cambridge Animal Experimentation Review Board created by this Ordinance (hereinafter referred to as "CAERB") to ensure compliance with the provisions of this Ordinance.
- (1) All research institutions where experiments on animals are performed shall register with the City of Cambridge and agree to comply with the provisions of this Ordinance.
 - (2) All research institutions shall file a semi-annual report with the City of Cambridge outlining the type, number, and source of animals used within the previous six months.
 - (3) Each research institution proposing to experiment on animals shall conduct a training program for personnel involved in the care and use of animals. Such training shall be consistent with the provisions of the Federal Improved Standards for Laboratory Animals Act. In connection with such training a manual or manuals shall be prepared and such manual or manuals shall outline all procedures and techniques relevant to providing for the psychological and physical health of the animals. Said manual or manuals shall be submitted to the CAERB for review and approval.
 - (4) All research institutions shall have an Institutional Animal Care and Use Committee (hereinafter referred to as the "IACUC") as mandated by the Guide. The IACUC should be broad-based in its composition; it should include members from a variety of disciplines, representation from the animal care staff, and at least one member unaffiliated with the research institution. The members of IACUC shall have unrestricted access to all areas in which animals are housed or used as subjects in experiments, subject only



City of Cambridge

In the Year One Thousand, Nine Hundred Eighty-Six

AN ORDINANCE

In amendment to an Ordinance formerly entitled "The General Ordinances of the City of Cambridge" as revised in 1972 and now designated as "The Code of the City of Cambridge".

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter Eleven entitled "Health, Hospitals and Housing" is hereby amended by inserting the following article:-

ARTICLE IV

ORDINANCE FOR THE CARE AND USE OF LABORATORY ANIMALS IN THE CITY OF CAMBRIDGE

Section 11-30. GUIDELINES FOR THE REGULATION OF THE CARE AND USE OF LABORATORY ANIMALS.

I. DEFINITIONS

In the context of this ordinance the following definitions are adopted:

- (a) An animal is any nonhuman sentient being.
- (b) An experiment is any procedure conducted by a research institution on a live animal.
- (c) A research institution is any institution operated in the City of Cambridge by the United States or by the Commonwealth of Massachusetts or a political sub-division thereof, or any school or college of medicine, public health, dentistry, pharmacy, veterinary medicine, or agricultural, medical, biological, or diagnostic laboratory, biological corporation, hospital or other educational or scientific establishment within the Commonwealth of Massachusetts which in connection with any of its activities investigates or gives instruction concerning the structure and function of living organisms or the causes, prevention, control or cure of diseases or abnormal conditions of human beings or animals.

to such limitations as are deemed necessary by the research institution and are approved in writing by the CAERB. At least one member of the IACUC should serve as a representative of community interests in the welfare of the animals. Such a member must be selected by the research institution from a list of individuals provided by the Animal Commission of the City of Cambridge (hereinafter referred to as the "Animal Commission"). Said list will be composed of individuals deemed to have the greatest capacity to provide effective advocacy on behalf of the animals.

- (5) When any member of the IACUC is uncertain that the care and use of animals in a research institution is consistent with applicable laws, regulations, or guidelines, or community ethical standards, and such concerns are not resolved within the deliberations and activities of the IACUC, such member shall notify the CAERB.
- (6) All animals in research institutions shall receive at least the protections afforded to any animal under the Animal Welfare Act (hereinafter referred to as the "AWA"), Guide, State Law and City ordinances and regulations.
- (7) Research institutions undertaking animal experimentation shall perform adequate screening to ensure that the animals do not suffer from bacterial or viral diseases or injuries not described in the proposal for such experiments as an intent of the experiment. Any animals found to be suffering from such diseases or injuries shall receive prompt and appropriate veterinary treatment. Complete records of such cases shall be maintained and made available to the CAERB for its review.
- (8) As part of the research institution's responsibilities, it shall continuously monitor the physical pain or psychological distress of animal subjects. Furthermore, the research institution shall take every step possible to mitigate pain or psychological distress except to the extent that such pain or psychological distress is described in the proposal for the experiment as an intent of the experiment.
- (9) All cases of unusual illness in the animals or the workers associated with the experiments being conducted shall be fully investigated and reported to both the Director of the Animal Commission and the Commissioner of Health and Hospitals of the City

of Cambridge.

- (10) Animal experiments involving physical pain where such pain is not mitigated at all times by the use of adequate anaesthesia and post-operative pain-killers must be reviewed and approved by the CAERB.

Section 22A. CAMBRIDGE ANIMAL EXPERIMENTATION REVIEW BOARD (CAERB)

I. CREATION

- (a) The CAERB shall be established for the purpose of overseeing all animal experimentation that is conducted in the City of Cambridge.
- (b) The CAERB shall be composed of the Chair of the subcommittee of the City Council on Human Services, the Director of the Animal Commission, and a minimum of three other members to be appointed by the City Manager. The City Manager is authorized to provide for the adequate staffing of the CAERB.

II. RESPONSIBILITIES

Specific responsibilities of the CAERB shall include:

- (a) Determining and delineating the community's ethical standards for the use of animals for the purpose of this Ordinance and being available for consultation with each research institution to insure that the research institution's care and use of animals meets those standards.
- (b) Maintaining a relationship with the IACUCs.
- (c) Reviewing all proposals for animal experimentation to be conducted in the City of Cambridge in order to establish the compliance of said proposal with the Guide, any amendment thereof, or other regulations or guidelines as may be established by the NIH, the USDA, or any other federal agency, or by Act of Congress; and in conformity also with all applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances of the City of Cambridge, and such statutes or regulations as may be established by the Commonwealth or the City.

- (d) Developing a procedure by which members of research institutions where animal experimentation is conducted may report violations either in technique or established policy to the CAERB.
- (e) Conducting unannounced site visits to research institutions or designating agent(s) to conduct such visits.
- (f) Reviewing protocols for experiments on animals that are conducted in the City of Cambridge for compliance with the provisions of this Ordinance.
- (g) Investigating alleged violations of the Guide, applicable laws, regulations, and community ethical standards. Upon completion of such investigation, the CAERB shall promptly report its recommendations for any further action deemed necessary, if any, to ensure compliance with applicable laws, regulations, and community ethical standards, to the City Council.
- (h) Insuring that the IACUCs file regular reports with the CAERB in a manner determined by the CAERB, and that the IACUCs file duplicates with the CAERB of reports filed pursuant to the AWA, simultaneously with the submission of such reports to the appropriate state or federal agency.
- (i) Reviewing reports and recommendations from the IACUCs.

III. VIOLATIONS

Violations of the conditions by research institutions of this Ordinance shall subject the violator to a fine up to two hundred fifty dollars (\$250) per violation per day and in addition the research institution in which serious or repeated violation of this Ordinance occurs may be closed by the Director of the Animal Commission. Each day of violation shall constitute a separate and distinct offense.

PROTOCOL REVIEW FORM

Protocol Number _____

Date Submitted _____ / ____ / ____

Date DCM Approved _____ / ____ / ____

Date CAC Approved _____ / ____ / ____

USDA Pain Category _____

(For office use only)

PLEASE TYPE OR PRINT CLEARLY

I. GENERAL INFORMATION

DATE SUBMITTED: _____ / ____ / ____

A. PRINCIPAL INVESTIGATOR NAME: _____ DEPT: _____

B. OFFICE EXT: _____ LAB EXT: _____ HOME PHONE NO. IN CASE OF EMERGENCY: _____

C. OTHER PERSONNEL INVOLVED: _____

D. TITLE OF PROPOSAL: _____

E. AGENCY FUNDING THIS PROJECT: _____

F. PERIOD OF TIME TO BE COVERED BY GRANT: FROM: _____ / ____ / ____ TO: _____ / ____ / ____

II. WRITE A BRIEF DESCRIPTION OF THE PURPOSE OF THE STUDY

PLEASE NOTE: A SUBSTANTIAL CHANGE IN PROTOCOL, AN INCREASE IN THE NUMBER OF ANIMALS USED OR A CHANGE IN THE ANIMAL SPECIES USED, WILL NECESSITATE THAT THIS FORM BE RESUBMITTED.

III. SPECIES INFORMATION

A. ANIMAL SPECIES TO BE USED a: _____ b: _____ c: _____ d: _____

B. ESTIMATED NUMBER OF ANIMALS OF EACH SPECIES
TO BE USED IN THIS STUDY a: _____ b: _____ c: _____ d: _____
TO BE HOUSED PER DAY a: _____ b: _____ c: _____ d: _____

C. CHECK FOR EACH SPECIES WHEN APPLICABLE:
a b c d 1. RATIONALE FOR USE OF ANIMALS:
___ ___ ___ ___ Studies involve analysis of a process/mechanism that cannot be reconstructed in vitro.
___ ___ ___ ___ Studies cannot or should not be undertaken in humans.
___ ___ ___ ___ Other, explain _____

2. APPROPRIATENESS OF THE SPECIES:
___ ___ ___ ___ Demonstrated similarity of the process under study to that in humans.
___ ___ ___ ___ Large amount of relevant data already has been derived from species.
___ ___ ___ ___ Manipulations required for the experiment (e.g., surgery) require an animal greater than _____ in size.
___ ___ ___ ___ Other, explain _____

3. NUMBERS USED:
___ ___ ___ ___ To establish statistical significance of experimental results.
___ ___ ___ ___ To obtain sufficient biological materials to permit the studies proposed.
___ ___ ___ ___ Other, explain _____

IV. WRITE A BRIEF DESCRIPTION OF THE PROTOCOL (Include any particular husbandry requirements, such as special diet or housing.)

V. SPECIAL QUESTIONS

A. What relevant training have the personnel of this project had in conducting animal experimentation?

Principal investigator: _____

Associate investigator(s): _____

Technician(s): _____

Student(s): _____

B. Are any animal restraint devices used in this project? YES___ NO___

If "yes", what method and duration? _____

C. Is surgery to be performed? YES___ NO___

Is any other manipulation to be performed which would lead to pain or other discomfort which alters well being? YES___ NO___

(If the answer to either of these is "yes", complete Surgical Report/Invasive Procedures section, pages 4 and 5)

Is more than one survival surgical procedure proposed for any animal in this study? YES___ NO___

If "yes", provide justification for multiple survival surgery _____

D. How will the animal be euthanatized? _____

E. Are radionuclides to be used? YES___ NO___

If "yes", indicate Radiation Protection Office approval # _____

F. Are biohazards involved in this study? YES___ NO___

If "yes", date of Committee on Assessment of Biohazards approval _____ / /

G. Will any aspect of the animal experimentation in this study be conducted at another institution? YES___ NO___

Describe the facility and the nature and duration of this activity _____

H. Signature of Principal investigator: _____ / /

date

SURGICAL REPORT/INVASIVE PROCEDURES

(this form must be completed if answer to V-C is "yes")

VI. GENERAL INFORMATION

- A. INDIVIDUAL(S) RESPONSIBLE FOR SURGERY & POSTOPERATIVE CARE: _____

- B. LAB EXT: _____ HOME PHONE NO. IN CASE OF EMERGENCY: _____
- C. CHECK LETTER CORRESPONDING TO SPECIES USED: _____ a _____ b _____ c _____ d

VII. EXPERIMENTAL DESIGN

- A. PREANESTHETICS: _____
- B. ANESTHETIC AGENT(S): _____
- C. DOSAGE: _____
- D. FREQUENCY OF DOSAGE (e.g., daily, weekly): _____
- E. ROUTE OF ADMINISTRATION: _____

VIII. SURGICAL PROCEDURE: (Please provide detailed information and attach additional pages if necessary.)

(continued on page 5)

SURGICAL REPORT/INVASIVE PROCEDURES (continued)

VIII. SURGICAL PROCEDURE (continued):

IX. POSTOPERATIVE CARE:

X. DESCRIBE THE DAILY CARE AND MAINTENANCE PROCEDURES OF SURGICALLY IMPLANTED DEVICES:

XI. DESCRIBE ANY NONSURGICAL PROCEDURES THAT ARE PAINFUL OR STRESSFUL TO THE ANIMALS:

IX. ADDITIONAL COMMENTS

For office use only:

This proposed ordinance threatens their jobs - and mine - and could lead to a curtailment of our biomedical research if the course of action that I believe is implicit in this legislation is followed. I say this because the persons who are most anxious for this law to pass have stated in other public forums on many occasions that their objective is not just to assure that laboratory animals are treated kindly, but to halt all research with animals. Indeed, they would force all of us to change our dietary habits, release our pets to the wilds and make us wear plastic boots, if they had their way.

I am not expert in the economic effects to our community if these ideas are adopted; there are others here who can address those questions. But I believe that I am qualified to address the effects of these insidious notions upon the health of our citizens.

I have just returned this afternoon from a conference on cancer research in Houston, Texas. The work described there brings new light to the ancient mystery of cancer. In that work, the use of rodents has been crucial. Experiments were described that could only be done with live animals. Progress against cancer is absolutely dependent on the use of animals in research.

But let me speak to you about a new problem, AIDS.

Earlier this year I was asked by the National Academy of Sciences to investigate the manner in which research aimed at conquering this awful disease is being conducted. I have been a scientist for more than 25 years and I have learned about many diseases, including polio and cancer. But after having interviewed scores of AIDS researchers across the country and conducting numerous hearings and meetings, let me tell you that for the first time in my life I am frightened about the outlook for a disease. AIDS is a disease that is out of control and there doesn't seem to be anything available to stop it. It is not a disease limited to drug users, or to homosexuals. It is a disease that threatens all of us and our children. Over the next years you will see

Testimony of David Baltimore, Reservoir Street, Cambridge
Director, Whitehead Institute for Biomedical Research

REPEAT
COPY
DO NOT
COUNT

Mr. Mayor, Ladies and Gentlemen of the Council:

My name is David Baltimore, I reside and own property on Reservoir Street in Cambridge and I have been a resident of Cambridge for approximately 20 years. I am Director of the Whitehead Institute for Biomedical Research, located in Cambridge Center, and I am a Professor of Biology at MIT. In 1975 I received the Nobel Prize for my studies on cancer.

I have made my professional and personal life in Cambridge because, quite frankly, the Cambridge/Boston area leads all other parts of the world in its contributions to the biomedical sciences and provides the optimum circumstances in which I can make contributions to the improvement of the health of all mankind.

About four years ago I came before you to ask your support in founding the Whitehead Institute, which has become one of the world's leading centers for the study of molecular biology and which brought to Cambridge a philanthropic gesture without parallel: the gift of more than \$135 million to create an institute whose primary purpose is to do basic research that will lead to better health for all of us.

The Institute, I am pleased to report, is thriving. In a few weeks we will play host for the fourth consecutive year to more than 1,000 scientists from throughout the world for our annual symposium. The results of our work is being followed by scientists everywhere. We are nearly full grown, with dozens of students, mostly from MIT, and with nearly 200 staff members, about a third of whom live in Cambridge.

the number of victims of this disease grow sharply, clogging our hospitals and terminal care facilities.

There is only one way we will beat AIDS. We will beat it the same way we conquered polio, and smallpox and all the other killer diseases that have threatened us. We must do good, sound basic biological research to understand the disease, and then we must use that information to devise medical cures.

It is absolutely essential that we study this disease - and the other diseases that continue to plague mankind - through the use of animals. We cannot experiment with people and it is not at all sufficient to rely just on culturing cells or using computer programs. We have established reliable animal models over the past hundred years and we have used them to devise numerous cures in the past, cures that have saved or prolonged or improved millions of lives. Scientists are right now trying to find animals that are susceptible to the AIDS virus or trying to find model animal diseases. If we are to develop either a vaccine or a drug against AIDS, the use of animals will be necessary and critical.

The diseases we fight now are more difficult to solve than the ones of the past. We have battled cancer for decades and it has only been in the past ten years or so that the progress has led us to feel confident that we will prevail. Without the use of animal models - largely rats, mice and rabbits - our progress would not have occurred and many human lives would be lost unnecessarily. So it will be with AIDS, and with tuberculosis, which is making a comeback in this country, probably because of AIDS, and with other diseases. Diseases we inherit must be conquered - and there are more than 3,000 of them, many with which we are familiar because there are major charity drives to help victims meet the enormous costs. Laboratory animals play a large and important role in this research, too.

As a laboratory director I can tell you that the times are not easy. I personally am increasingly burdened by administrative matters, as are many of my

senior scientists. We spend more and more money for administration and correspondingly less for science. And this at a time when the funds available for research are becoming difficult to obtain.

This proposed ordinance will help no animals, there are already plenty of laws and boards and committees designed to do that. I know from personal experience that in the laboratories of MIT and the Whitehead Institute, animals are treated humanely. We, in fact, spent hundreds of thousands of dollars to insure that our animals are as healthy as possible. What this proposed ordinance will do is hurt researchers, taking money from research, slowing down the work and potentially stopping independent experimentation at the whim of review board members. Biomedical research that is slowed means cures arriving late - perhaps too late for some of us.

If I sound alarmed at the possibilities presented by this proposed ordinance, that is because I am alarmed. If I sound a little angry, I am that, too. This council is right to concern itself with public health and I strongly urge all of its members to do what they can to help improve the public health and safety.

The best way I know to do that is to help us get this ordinance - and those who would force their beliefs on the rest of us - off the backs of the science community, and let us do our jobs.

Thank you.



FIRST PUBLICATION NO. 2324.
CITY OF CAMBRIDGE
In the Year One Thousand,
Nine Hundred Eighty-Six
AN ORDINANCE

In amendment to an Ordinance formerly entitled "The General Ordinances of the City of Cambridge" as revised in 1972 and now designated as "The Code of the City of Cambridge."

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter Eleven entitled "Health, Hospitals and Housing" is hereby amended by inserting the following article:-

ARTICLE IV
ORDINANCE FOR THE CARE AND
USE OF LABORATORY ANIMALS
IN THE CITY OF CAMBRIDGE

Section 11-30. Guidelines for the regulation of the care and use of laboratory animals.

I. Definitions

In the context of this ordinance the following definitions are adopted:

- (a) An animal is any nonhuman sentient being.
- (b) An experiment is any procedure conducted by a research institution on a live animal.
- (c) A research institution is any institution operated in the City of Cambridge by the United States or by the Commonwealth of Massachusetts or a political sub-division thereof, or any school or college of medicine, public health, dentistry, pharmacy, veterinary medicine, or agricultural, medical, biological, or diagnostic laboratory, biological corporation, hospital or other educational or scientific establishment within the Commonwealth of Massachusetts which in connection with any of its activities investigates or gives instruction concerning the structure and function of living organisms or the causes, prevention, control or cure of diseases or abnormal conditions of human beings or animals.

II. Guidelines for Animal Experimentation

(a) All experiments on animals in the City of Cambridge shall be undertaken only in strict conformity with the "Guide for the Care and Use of Animals" (hereinafter referred to as the "Guide") of the National Institute of Health (hereinafter referred to as "NIH") as set forth in the Federal Register dated May 9, 1985 and in conformity also with applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances and regulations of the City of Cambridge and such specific regulations as are established by the Cambridge Animal Experimentation Review Board created by this Ordinance (hereinafter referred to as "CAERB") to ensure compliance with the provisions of this Ordinance.

Research institutions where experiments on animals are performed shall register with the City of Cambridge and agree to comply with the provisions of this Ordinance.

(2) All research institutions shall file a semi-annual report with the City of Cambridge outlining the type, number, and source of animals used within the previous six months.

(3) Each research institution proposing to experiment on animals shall conduct a training program for personnel involved in the care and use of animals. Such training shall be consistent with the provisions of the Federal Improved Standards for Laboratory Animals Act. In connection with such training a manual or manuals shall be prepared and such manual or manuals shall outline all procedures and techniques relevant to providing for the psychological and physical health of the animals. Said manual or manuals shall be submitted to the CAERB for review and approval.

(4) All research institutions shall have an Institutional Animal Care and Use Committee (hereinafter referred to as the "IACUC") as mandated by the Guide. The IACUC should be broad-based in its composition; it should include members from a variety of disciplines, representation from the animal care staff, and at least one member unaffiliated with the research institution. The members of IACUC shall have unrestricted access to all areas in which animals are housed or used as subjects in experiments, subject only to such limitations as are deemed necessary by the research institution and are approved in writing by the CAERB. At least one member of the IACUC should serve as a representative of community interests in the welfare of the animals. Such a member must be selected by the research institution from a list of individuals provided by the Animal Commission of the City of Cambridge (hereinafter referred to as the "Animal Commission"). Said list will be composed of individuals deemed to have the greatest capacity to provide effective advocacy on behalf of the animals.

(5) When any member of the IACUC is uncertain that the care and use of animals in a research institution is consistent with applicable laws, regulations, or guidelines, or community ethical standards, and such concerns are not resolved within the deliberations and activities of the IACUC, such member shall notify the CAERB.

(6) All animals in research institutions shall receive at least the protections afforded to any animal under the Animal Welfare Act (hereinafter referred to as the "AWA"), Guide, State Law and City ordinances and regulations.

(7) Research institutions undertaking animal experimentation shall perform adequate screening to ensure that the animals do not suffer from bacterial or viral diseases or injuries not described in the proposal for such experiments as an intent of the experiment. Any animals found to be suffering from such diseases or injuries shall receive prompt and appropriate veterinary treatment. Complete records of such cases shall be maintained and made available to the CAERB for its review.

(8) As part of the research institution's responsibilities, it shall continuously monitor the physical pain or psychological distress of animal subjects. Furthermore, the research institution shall take every step possible to mitigate pain or psychological distress except to the extent that such pain or psychological distress is described in the proposal for the experiment as an intent of the experiment.

(9) All cases of unusual illness in the animals or the workers associated with the experiments being conducted shall be fully investigated and reported to both the Director of the Animal Commission and the Commissioner of Health and Hospitals of the City of Cambridge.

(10) Animal experiments involving physical pain where such pain is not mitigated at all times by the use of adequate anaesthesia and post-operative pain-killers must be reviewed and approved by the CAERB.

Section 11-31. Cambridge Animal Experimentation Review Board (CAERB)

I. Creation

purpose of overseeing an animal experimentation that is conducted in the City of Cambridge.

(b) The CAERB shall be composed of the Chair of the subcommittee of the City Council on Human Services, the Director of the Animal Commission, and a minimum of three other members to be appointed by the City Manager. The City Manager is authorized to provide for the adequate staffing of the CAERB.

II. Responsibilities

Specific responsibilities of the CAERB shall include:

(a) Determining and delineating the community's ethical standards for the use of animals for the purpose of this Ordinance and being available for consultation with each research institution to insure that the research institution's care and use of animals meets those standards.

(b) Maintaining a relationship with the IACUCs.

(c) Reviewing all proposals for animal experimentation to be conducted in the City of Cambridge in order to establish the compliance of said proposal with the Guide, any amendment thereof, or other regulations or guidelines as may be established by the NIH, the USDA, or any other federal agency, or by Act of Congress; and in conformity also with all applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances of the City of Cambridge, and such statutes or regulations as may be established by the Commonwealth or the City.

(d) Developing a procedure by which members of research institutions where animal experimentation is conducted may report violations either in technique or established policy to the CAERB.

(e) Conducting unannounced site visits to research institutions or designating agent(s) to conduct such visits.

(f) Reviewing protocols for experiments on animals that are conducted in the City of Cambridge for compliance with the provisions of this Ordinance.

(g) Investigating alleged violations of the Guide, applicable laws, regulations, and community ethical standards. Upon completion of such investigation, the CAERB shall promptly report its recommendations for any further action deemed necessary, if any, to ensure compliance with applicable laws, regulations, and community ethical standards, to the City Council.

(h) Insuring that the IACUCs file regular reports with the CAERB in a manner determined by the CAERB, and that the IACUCs file duplicates with the CAERB of reports filed pursuant to the AWA, simultaneously with the submission of such reports to the appropriate state or federal agency.

(i) Reviewing reports and recommendations from the IACUCs.

III. Violations

Violations of the conditions by research institutions of this Ordinance shall subject the violator to a fine up to two hundred fifty dollars (\$250) per violation per day and in addition the research institution in which serious or repeated violation of this Ordinance occurs may be closed by the Director of the Animal Commission. Each day of violation shall constitute a separate and distinct offense.

Section 11-32. Severability of Sections:

If any section, sub-section, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions thereof.

Passed to a second reading at the City Council meeting held on September 8, 1986 on or after September 22, 1986 the question comes on passing to be ordained.

ATTEST:-

Joseph E. Connarton
Acting City Clerk

(C)Sept.11



OFFICE OF THE CITY CLERK

CITY OF CAMBRIDGE

CITY HALL, CAMBRIDGE, MASSACHUSETTS 02139

(617) 498-9017

JOSEPH E. CONNARTON
CITY CLERK

JOHN E. FLYNN
DEPUTY CITY CLERK

March 6, 1989

TO: The Honorable, The City Council

FROM: Joseph E. Connarton, ^{JK} City Clerk

SUBJECT: Legislative History of the two proposed amendments to the Code of the City of Cambridge regarding the Care and Use of Laboratory Animals

With the recent release of the Report of the Mayor's Blue Ribbon Committee on the Care and Use of Laboratory Animals in Cambridge dated February 24, 1989, I thought it would be beneficial to the City Council if I provided the legislative history of the proposed amendments to the Code of the City regarding this subject matter.

On September 8, 1986, then Vice-Mayor Vellucci introduced an order (No. 13), referring a proposed amendment to Chapter Eleven entitled: "Health, Hospitals and Housing" by inserting Article IV entitled: "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge" to the Committee on Ordinances. The proposed amendment was passed to a second reading also at this time. The Committee on Ordinances scheduled a hearing for Thursday, September 18, 1986 at 5:00 p.m. Said hearing was held and the matter remained in Committee on a motion by Councillor Duehay.

On September 29, 1986, then Councillor Wolf introduced an order (No. 3), requesting of the City Manager, Commissioner of Health and Hospitals and the Animal Commission to provide information regarding (1) any evidence of unnecessary cruelty to animals, and (2) any reason(s) that proposed ordinance would inhibit necessary medical research. Said order was adopted by the affirmative vote of nine members.

On February 2, 1987, Councillors Wolf and Duehay submitted Order No. 9, requesting the City Solicitor to draft an animal research ordinance with six components. On this date Councillor Duehay exercised his Charter Right. On February 9, 1987 this order was tabled on a motion of then Vice-Mayor Vellucci by a call of the roll 8-1-0.

On April 13, 1987, the City Manager, in response to Council Order No. 3 of September 29, 1986, transmitted communications received from the Commissioner of Health and Hospitals and the Director of the Animal Commission relative to animal research being conducted in Cambridge. Also, on this date the City Manager enclosed a copy of a substitute ordinance. This agenda item (No. 2) was referred to the public hearing scheduled for that date and referred to the Committee on Ordinances.

On May 11, 1987, Council Order No. 9 of February 2, 1987 was placed on file. This was due, in fact, to the response of the City Manager on April 13, 1987. Also on this date, then Mayor Walter J. Sullivan, then Vice-Mayor Vellucci, Councillors Danehy, Russell and Walsh co-sponsored City Council Order No. 11 that the Classical LD 50 Acute Toxicity Test and the Draize Eye-Irritancy Test on animals be banned within the limits of the City; any exemptions from this ban be granted solely by the Health Commissioner subject to review and approval of the City Council and that the City Solicitor be requested to prepare an ordinance to this effect for review and action by the City Council. Councillor Duehay exercised his Charter Right. On May 18, 1987 Calendar Item No. 6 was amended by then Councillor Wolf and the item was adopted as amended by the affirmative vote of nine members.

On June 29, 1987, then Vice-Mayor Vellucci introduced Council Order No. 2 requesting the acceptance and referral of an amendment to the Code of the City of Cambridge regarding the Care and Use of Laboratory Animals. Said order was adopted and referred by the affirmative vote of nine members.

On September 15, 1987, the Committee on Ordinances conducted a public hearing to consider the proposed amendments dated April 13, 1987 and June 29, 1987. On a motion by Councillor Duehay both amendments were referred to the full City Council without recommendation.

On December 28, 1987, pursuant to Council Order No. 2, these matters were placed on file, without prejudice, in the Office of the City Clerk.

On March 28, 1988, pursuant to Council Order No. 32 submitted by Mayor Vellucci, these two items (April 13 and June 29, 1987 amendments) were pulled from the files of the City Clerk and placed on the Table.

Both proposed amendments to the Code of the City remained on the Calendar through January 30, 1989, at which time they were placed on file, pursuant to Calendar Item No. 22 of the above-referenced date, placing on file all unacted upon Calendar items, without prejudice, subject to resubmittal.

I hope this legislative history will prove beneficial to you in your deliberations.

JEC/mh



City of Cambridge

3.

COUNCILLOR WOLF

IN CITY COUNCIL
September 29, 1986

ORDERED:

That the City Manager is hereby requested to ask the Commissioner of Health and Hospitals and the Animal Commission to provide any available information on the following to the City Council to aid in deliberations on the Animal Research ordinance:

- (1) Is there any available evidence that animal research being conducted in the City of Cambridge is unnecessarily cruel to animals utilized in research?
- (2) Is there any specific reason to suppose that the ordinance as proposed to the City Council would inhibit necessary medical research?

In City Council September 29, 1986.
Adopted by the affirmative vote of 9 members.
Attest:- Joseph E. Connarton, Acting City Clerk.

A true copy;

Joseph E. Connarton

ATTEST:-

Joseph E. Connarton, Acting City Clerk.



City of Cambridge

--11--

(Amended Calendar Item No. 6)

IN CITY COUNCIL

May 18, 1987

~~May 11, 1987~~

MAYOR WALTER J. SULLIVAN
 VICE-MAYOR VELLUCCI
 COUNCILLOR DANEHY
 COUNCILLOR RUSSELL
 COUNCILLOR WALSH

- WHEREAS: The Classical LD50 Acute Toxicity Test and the Draize Eye-Irritancy Test on animals has caused considerable emotion and concern to members of the public because of what is perceived as the needless infliction of pain and suffering on animals; and
- WHEREAS: Information from the LD50 test and the Draize test is limited because these tests are subjective and not always applicable to humans and also have been the subject of much criticism by prominent scientists; and
- WHEREAS: The safety of consumer products can be guaranteed without animal testing: The use of ingredients known to be safe obviates the need for such tests; and
- WHEREAS: These tests are not always required by regulatory agencies; and
- WHEREAS: Alternatives are on the way which will not involve live animals but cultures of human cells grown in test tubes or bottles, (See Boston Eye Research Institute in vitro model which uses Corneal tissues); therefore be it
- ORDERED: That this order applies only to eye irritancy tests such as the Draize test and to the use of animals in acute toxicity tests and only for the purpose of testing cosmetics or household products and it is recognized by this City Council that it should not be applied to essential testing of new drugs against ravaging diseases such as heart disease, cancer, arthritis and diabetes or to the testing of chemicals and environmental pollutants which would cause cancer and other maladies, until alternatives are found; and be it further

ORDERED:

The LD50 and the Draize test are hereby banned within the limits of the City of Cambridge. Exemptions from this ban may solely be granted by the Commissioner of Health and Hospitals subject to the review and approval of the Cambridge City Council. A request for an exemption from the ban shall state the names of the corporations or other agencies desiring to fund and conduct the test and the intended use of the substance to be tested; and be it further

ORDERED:

That any test(s) of the toxicity of a substance through a single route of administration (oral, dermal, I.V., or subcutaneous) resulting in the deaths of 20 or more animals of a single species within 14 days of administration of the substance without prior exemption from this ban shall be reported to the Cambridge Animal Commission and to the Commissioner of Health and Hospitals. Such report shall state the circumstances of the deaths, the identity of the entities funding and conducting the tests, the intended use of the tested substance and justification for the procedure; and be it further

ORDERED:

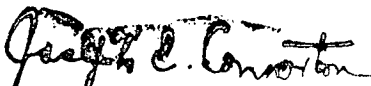
That upon adoption of this order, it be forwarded to the City Solicitor for appropriate wording which would take the form of a City Ordinance and that said Ordinance be referred back to the City Council for review and action.

In City Council May 18, 1987.

Adopted as amended by the affirmative vote of
9 members.

Attest:- Joseph E. Connarton, City Clerk.

A true copy;



ATTEST:-

Joseph E. Connarton, City Clerk.



City of Cambridge

--11--

(Original Calendar Item No. 6)

IN CITY COUNCIL

~~May 11, 1987~~

May 18, 1987

Mayor Sullivan
Vice Mayor Vellucci
Councillor Danehy
Councillor Russell
Councillor Walsh

WHEREAS: The Classical LD50 Acute Toxicity Test and the Draize Eye-Irritancy Test on animals has caused considerable emotion and concern to members of the public because of what is perceived as the needless infliction of pain and suffering on animals; and

WHEREAS: Information from the LD50 test and the Draize test is limited because these tests are subjective and not always applicable to humans and also have been the subject of much criticism by prominent scientists; and

WHEREAS: The safety of consumer products can be guaranteed without animal testing: The use of ingredients known to be safe obviates the need for such tests; and

WHEREAS: These tests are not always required by regulatory agencies; and

WHEREAS: Alternatives are on the way which will not involve live animals but cultures of human cells grown in test tubes or bottles, (See Boston Eye Research Institute in vitro model which uses Corneal tissues)

This order applies only to the eye irritancy tests such as the Draize test and to the use of animals in acute toxicity tests and only for the purpose of testing cosmetics or household products and it is recognized by this City Council that it should not be applied to essential testing of new drugs against ravaging diseases such as heart disease, cancer, arthritis and diabetes or to the testing of chemicals and environmental pollutants which would cause cancer and other maladies, until alternatives are found; now therefore be it

ORDERED:

The LD50 and the Draize test are hereby banned within the limits of the City of Cambridge. Exemptions from this ban may solely be granted by the Commissioner of Health and Hospitals subject to the review and approval of the Cambridge City Council. A request for an exemption from the ban shall state the names of the corporations or other agencies desiring to fund and conduct the test and the intended use of the substance to be tested; and be it further

ORDERED:

That any test(s) of the toxicity of a substance through a single route of administration (oral, dermal, I.V., or subcutaneous) resulting in the deaths of 20 or more animals of a single species within 14 days of administration of the substance without prior exemption from this ban shall be reported to the Cambridge Animal Commission and to the Commissioner of Health and Hospitals. Such report shall state the circumstances of the deaths, the identity of the entities funding and conducting the tests, the intended use of the tested substance and justification for the procedure.

7 Duxbury Way
Rochester, N.Y.
OFFICE OF CITY CLERK
8th December, 1986.
1986 DEC 11 AM 10:02

CAMBRIDGE MA.

Mr. Joseph Connarton
City Clerk
City Council
Cambridge, Mass.

Dear Mr. Connarton,

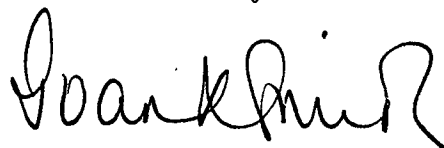
I read with great joy the article which appeared in the New York Times on Sunday, 7th December, 1986. re; a proposed ban on animal experimentation in your research facilities, and would like to add my support, via this letter, to that wonderful proposal.

I do not live in your community unfortunately; how I wish that I did. However, I could not refrain from writing to let the Cambridge Council for Responsible Research know how much I admire their stand on this issue and how important it is to me.

So much documented evidence has reached me about indescribable cruelty occurring in the labs all around this country, together with accounts of researchers' cold and callous indifference to suffering that it has brought me into the fight (and I am not an habitual supporter of causes). I believe that violent abuses are going on behind closed doors and all these researchers are going to defend their actions by smothering us with claims that it is necessary, where it is not, and we, the public don't know what we're talking about as we are not "qualified". A whole lot of bunkum. Force them to open up their doors and make an account of their actions. Alas, compassion and humanity seem to be nasty words in their vocabulary. It is also my belief that as long as this issued is ignored we are guilty of allowing the cruel and brutal traits in some people to go unchecked.

Would you be kind enough to pass this letter on to the appropriate group. I just hope that it might do a little something in support of a very worthwhile cause.

Thank you
Yours truly



Joan L. Smith.

City of Cambridge

PUBLIC NOTICE

The Ordinance Committee for the City of Cambridge will conduct a public hearing on Thursday, September 18, 1986 at 5:00 p. m. in the Sullivan Chambers, City Hall, Cambridge, Massachusetts to consider the proposed General Ordinance amendment entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge".

All interested persons are requested to attend and be heard.

For the Committee,

Councillor William H. Walsh,
Chairman.

Cambridge Committee for Responsible Research, Inc.

P.O. Box 1626

Cambridge, MA 02238

(617) 547-9255

September 4, 1986

Mr. Vellucci
Vice Mayor, Cambridge
795 Massachusetts Avenue
Cambridge, MA 02139

Dear Mr. Vellucci,

Please find:

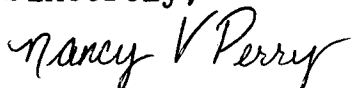
1. A copy of the proposed ordinance
2. A copy of the Federal Animal Welfare Act and the recent amendment to it
3. The Cambridge Animal Commission Report
4. A letter to Mr. Ronan from the Federal government concerning the need for local enforcement of animal welfare
5. A letter from the MSPCA

The Animal Welfare Act and the amendment provide documentation of current federal guidelines. The letter to Mr. Ronan and the Animal Commission Report both stress the need for local enforcement of animal welfare. The Reagan Administration has again proposed zero budgeting funds for Federal enforcement of animal welfare. We hope these materials will be helpful in providing you with background information on the ordinance.

The ordinance would provide for community accountability of research and reduce unnecessary suffering of animals. It would shift the final decision about permitting experiments involving pain without anesthesia and pain-killers from the scientists to a citizen board. The ordinance has been patterned after similar regulation of DNA research by the City of Cambridge. It implements the recommendations of the Animal Commission in its report to the City Council (see page 6 of the report). These recommendations have also been supported by the Massachusetts Society for the Prevention of Cruelty to Animals.

Thank you very much for your enthusiastic support. The people of Cambridge appreciate your leadership in this area.

Sincerely,



Nancy V. Perry
Executive Director

ANIMAL WELFARE ACT
as amended
(7 U.S.C. §§ 2131 - 2156)

Section 1. (a) This Act may be cited as the "Animal Welfare Act".

(b) The Congress finds that animals and activities which are regulated under this Act are either in interstate or foreign commerce or substantially affect such commerce or the free flow thereof, and that regulation of animals and activities as provided in this Act is necessary to prevent and eliminate burdens upon such commerce and to effectively regulate such commerce, in order--

(1) to insure that animals intended for use in research facilities or for exhibition purposes or for use as pets are provided humane care and treatment;

(2) to assure the humane treatment of animals during transportation in commerce; and

(3) to protect the owners of animals from the theft of their animals by preventing the sale or use of animals which have been stolen.

The Congress further finds that it is essential to regulate, as provided in this Act, the transportation, purchase, sale, housing, care, handling, and treatment of animals by carriers or by persons or organizations engaged in using them for research or experimental purposes or for exhibition purposes or holding them for sale as pets or for any such purpose or use.

(7 U.S.C. § 2131.) (P.L. 89-544, § 1, Aug. 24, 1966, 80 Stat. 350; P.L. 91-579, § 2, Dec. 24, 1970, 84 Stat. 1560; P.L. 94-279, § 2, Apr. 22, 1976, 90 Stat. 417.)

Section 2. When used in this Act--

(a) The term "person" includes any individual, partnership, firm, joint stock company, corporation, association, trust, estate, or other legal entity;

(b) The term "Secretary" means the Secretary of Agriculture of the United States or his representative who shall be an employee of the United States Department of Agriculture;

(c) The term "commerce" means trade, traffic, transportation, or other commerce--

(1) between a place in a State and any place outside of such State, or between points within the same State but through any place outside thereof, or within any territory, possession, or the District of Columbia;

(2) which affects trade, traffic, transportation, or other commerce described in paragraph (1).

(d) The term "State" means a State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, or any other territory or possession of the United States;

(e) The term "research facility" means any school (except an elementary or secondary school), institution, organization, or person that uses or intends to use live animals in research, tests, or experiments, and that (1) purchases or transports live animals in commerce, or (2) receives funds under a grant, award, loan, or contract from a department, agency, or instrumentality of the United States for the purpose of carrying out research, tests, or

experiments: Provided, That the Secretary may exempt, by regulation, any such school, institution, organization, or person that does not use or intend to use live dogs or cats, except those schools, institutions, organizations, or persons, which use substantial numbers (as determined by the Secretary) or live animals the principal function of which schools, institutions, organizations, or persons, is biomedical research or testing, when in the judgment of the Secretary, any such exemption does not vitiate the purpose of this Act;

(f) The term "dealer" means any person who, in commerce, for compensation or profit, delivers for transportation, or transports, except as a carrier, buys, or sells, or negotiates the purchase or sale of, (1) any dog or other animal whether alive or dead for research, teaching, exhibition, or use as a pet, or (2) any dog for hunting, security, or breeding purposes, except that this term does not include--

(i) a retail pet store except such store which sells any animals to a research facility, an exhibitor, or a dealer; or

(ii) any person who does not sell, or negotiate the purchase or sale of any wild animal, dog, or cat and who derives no more than \$500 gross income from the sale of other animals during any calendar year;

(g) The term "animal" means any live or dead dog, cat, monkey (nonhuman primate mammal), guinea pig, hamster, rabbit, or such other warm-blooded animal, as the Secretary may determine is being used, or is intended for use, for research, testing, experimentation, or exhibition purposes or as a pet; but such term excludes horses not used for research purposes and other farm animals, such as, but not limited to livestock or poultry, used or intended for use as food or fiber, or livestock or poultry used or intended for improving animal nutrition, breeding, management or production efficiency, or for improving the quality of food or fiber. With respect to a dog the term means all dogs including those used for hunting, security, or breeding purposes;

(h) The term "exhibitor" means any person (public or private) exhibiting any animals, which were purchased in commerce or the intended distribution of which affects commerce, or will affect commerce, to the public for compensation, as determined by the Secretary, and such term includes carnivals, circuses, and zoos exhibiting such animals whether operated for profit or not; but such term excludes retail pet stores, organizations sponsoring and all persons participating in State and country fairs, livestock shows, rodeos, purebred dog and cat shows, and any other fairs or exhibitions intended to advance agricultural arts and sciences, as may be determined by the Secretary;

(i) The term "intermediate handler" means any person including a department, agency, or instrumentality of the United States or of any State or local government (other than a dealer, research facility, exhibitor, any person excluded from the definition of a dealer, research facility, or exhibitor, an operator of an auction sale, or a carrier) who is engaged in any business in which he

receives custody of animals in connection with their transportation in commerce; and

(j) The term "carrier" means the operator of any airline, railroad, motor carrier, shipping line, or other enterprise, which is engaged in the business of transporting any animals for hire.

(7 U.S.C. § 2132.) (P.L. 89-544, § 2, Aug. 24, 1966, 80 Stat. 350; P.L. 91-579, § 3, Dec. 24, 1970, 84 Stat. 1560; P.L. 94-279 §§ 3, 4, Apr. 22, 1976, 90 Stat. 417.)

Section 3. The Secretary shall issue licenses to dealers and exhibitors upon application therefor in such form and manner as he may prescribe and upon payment of such fee established pursuant to section 23 of this Act: *Provided*, That no such license shall be issued until the dealer or exhibitor shall have demonstrated that his facilities comply with the standards promulgated by the Secretary pursuant to section 13 of this Act: *Provided, however*, That any retail pet store or other person who derives less than a substantial portion of his income (as determined by the Secretary) from the breeding and raising of dogs or cats on his own premises and sells any such dog or cat to a dealer or research facility shall not be required to obtain a license as a dealer or exhibitor under this Act. The Secretary is further authorized to license, as dealers or exhibitors persons who do not qualify as dealers or exhibitors within the meaning of this Act upon such persons' complying with the requirements specified above and agreeing, in writing, to comply with all the requirements of this Act and the regulations promulgated by the Secretary hereunder.

(7 U.S.C. § 2133.) (P.L. 89-544, § 3, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 4, Dec. 24, 1970, 84 Stat. 1561.)

Section 4. No dealer or exhibitor shall sell or offer to sell or transport or offer for transportation, in commerce, to any research facility or for exhibition or for use as a pet any animal, or buy, sell, offer to buy or sell, transport or offer for transportation, in commerce, to or from another dealer or exhibitor under this Act any animal, unless and until such dealer or exhibitor shall have obtained a license from the Secretary and such license shall not have been suspended or revoked.

(7 U.S.C. § 2134.) (P.L. 89-544, § 4, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 5, Dec. 24, 1970, 84 Stat. 1561; P.L. 94-279, § 5, Apr. 22, 1976, 90 Stat. 418.)

Section 5. No dealer or exhibitor shall sell or otherwise dispose of any dog or cat within a period of five business days after the acquisition of such animal or within such other period as may be specified by the Secretary: *Provided*, That operators of auction sales subject to section 12 of this Act shall not be required to comply with the provisions of this section.

(7 U.S.C. § 2135.) (P.L. 89-544, § 5, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 6, Dec. 24, 1970, 84 Stat. 1561.)

Section 6. Every research facility, every intermediate handler, every carrier, and every exhibitor not licensed under section 3 of this Act shall register with the Secretary in accordance with such rules and regulations as he may prescribe.

(7 U.S.C. § 2136.) (P.L. 89-544, § 6, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 7, Dec. 24, 1970, 84 Stat. 1561; P.L. 94-279, § 6, Apr. 22, 1976, 90 Stat. 418.)

Section 7. It shall be unlawful for any research facility to purchase any dog or cat from any person except an operator of an auction sale subject to section 12 of this Act or a person holding a valid license as a dealer or exhibitor issued by the Secretary pursuant to this Act unless such person is exempted from obtaining such license under section 3 of this Act.

(7 U.S.C. § 2137.) (P.L. 89-544, § 7, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 8, Dec. 24, 1970, 84 Stat. 1561.)

Section 8. No department, agency, or instrumentality of the United States which uses animals for research or experimentation or exhibition shall purchase or otherwise acquire any dog or cat for such purposes from any person except an operator of an auction sale subject to section 12 of this Act or a person holding a valid license as a dealer or exhibitor issued by the Secretary pursuant to this Act unless such person is exempted from obtaining such license under section 3 of this Act.

(7 U.S.C. § 2138.) (P.L. 89-544, § 8, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 9, Dec. 24, 1970, 84 Stat. 1562.)

Section 9. When construing or enforcing the provisions of this Act, the act, omission, or failure of any person acting for or employed by a research facility, a dealer, or an exhibitor or a person licensed as a dealer or an exhibitor pursuant to the second sentence of section 3, or an operator of an auction sale subject to section 12 of this Act, or an intermediate handler or a carrier, within the scope of his employment or office, shall be deemed the act, omission, or failure of such research facility, dealer, exhibitor, licensee, operator of an auction sale, intermediate handler, or carrier, as well as of such person.

(7 U.S.C. § 2139.) (P.L. 89-544, § 9, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 10, Dec. 24, 1970, 84 Stat. 1562; P.L. 94-279, § 7, Apr. 22, 1976, 90 Stat. 418.)

Section 10. Dealers and exhibitors shall make and retain for such reasonable period of time as the Secretary may prescribe, such records with respect to the purchase, sale, transportation, identification, and previous ownership of animals as the Secretary may prescribe. Research facilities shall make and retain such records only with respect to the purchase, sale, transportation, identification, and previous ownership of live dogs and cats. At the request of the Secretary, any regulatory agency of the Federal Government which requires records to be maintained by intermediate handlers

and carriers with respect to the transportation, receiving, handling, and delivery of animals on forms prescribed by the agency, shall require there to be included in such forms, and intermediate handlers and carriers shall include in such forms, such information as the Secretary may require for the effective administration of this Act. Such information shall be retained for such reasonable period of time as the Secretary may prescribe. If regulatory agencies of the Federal Government do not prescribe requirements for any such forms, intermediate handlers and carriers shall make and retain for such reasonable period as the Secretary may prescribe such records with respect to the transportation, receiving, handling, and delivery of animals as the Secretary may prescribe. Such records shall be made available at all reasonable times for inspection and copying by the Secretary.

(7 U.S.C. § 2140.) (P.L. 89-544, § 10, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 11, Dec. 24, 1970, 84 Stat. 1562; P.L. 94-279, § 8, Apr. 22, 1976, 90 Stat. 418.)

Section 11. All animals delivered for transportation, transported, purchased, or sold, in commerce, by a dealer or exhibitor shall be marked or identified at such time and in such humane manner as the Secretary may prescribe: *Provided*, That only live dogs and cats need be so marked or identified by a research facility.

(7 U.S.C. § 2141.) (P.L. 89-544, § 11, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 12, Dec. 24, 1970, 84 Stat. 1562; P.L. 94-279, § 5, Apr. 22, 1976, 90 Stat. 418.)

Section 12. The Secretary is authorized to promulgate humane standards and recordkeeping requirements governing the purchase, handling, or sale of animals, in commerce, by dealers, research facilities, and exhibitors at auction sales and by the operators of such auction sales. The Secretary is also authorized to require the licensing of operators of auction sales where any dogs or cats are sold, in commerce, under such conditions as he may prescribe, and upon payment of such fee as prescribed by the Secretary under section 23 of this Act.

(7 U.S.C. § 2142.) (P.L. 89-544, § 12, Aug. 24, 1966, 80 Stat. 351; P.L. 91-579, § 13, Dec. 24, 1970, 84 Stat. 1562; P.L. 94-279, § 5, Apr. 22, 1976, 90 Stat. 418.)

Section 13. (a) The Secretary shall promulgate standards to govern the humane handling, care, treatment, and transportation of animals by dealers, research facilities, and exhibitors. Such standards shall include minimum requirements with respect to handling, housing, feeding, watering, sanitation, ventilation, shelter from extremes of weather and temperatures, adequate veterinary care, including the appropriate use of anesthetic, analgesic or tranquilizing drugs, when such use would be proper in the opinion of the attending veterinarian of such research facilities, and separation by species when the Secretary finds such separation necessary for the humane handling, care, or treatment of animals. The Secretary shall also promulgate standards to

govern the transportation in commerce, and the handling, care, and treatment in connection therewith, by intermediate handlers, air carriers, or other carriers, of animals consigned by any dealer, research facility, exhibitor, operator of an auction sale, or other person, or any department, agency, or instrumentality of the United States or of any State or local government, for transportation in commerce. The Secretary shall have authority to promulgate such rules and regulations as he determines necessary to assure humane treatment of animals in the course of their transportation in commerce including requirements such as those with respect to containers, feed, water, rest, ventilation, temperature, and handling. In promulgating and enforcing standards established pursuant to this section, the Secretary is authorized and directed to consult experts, including outside consultants where indicated. Nothing in this Act shall be construed as authorizing the Secretary to promulgate rules, regulations, or orders with regard to design, outlines, guidelines or performance of actual research or experimentation by a research facility as determined by such research facility: *Provided*, That the Secretary shall require, at least annually, every research facility to show that professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during experimentation are being followed by the research facility during actual research or experimentation.

(b) No dogs or cats, or additional kinds or classes of animals designated by regulation of the Secretary, shall be delivered by any dealer, research facility, exhibitor, operator of an auction sale, or department, agency, or instrumentality of the United States or of any State or local government, to any intermediate handler or carrier for transportation in commerce, or received by any such handler or carrier for such transportation from any such person, department, agency, or instrumentality, unless the animal is accompanied by a certificate issued by a veterinarian licensed to practice veterinary medicine, certifying that he inspected the animal on a specified date, which shall not be more than ten days before such delivery, and, when so inspected, the animal appeared free of any infectious disease or physical abnormality which would endanger the animal or animals or other animals or endanger public health: *Provided*, however, That the Secretary may by regulation provide exceptions to this certification requirement, under such conditions as he may prescribe in the regulations, for animals shipped to research facilities for purposes of research, testing or experimentation requiring animals not eligible for such certification. Such certificates received by the intermediate handlers and the carriers shall be retained by them, as provided by regulations of the Secretary, in accordance with section 10 of this Act.

(c) No dogs or cats, or additional kinds or classes of animals designated by regulation of the Secretary, shall be delivered by any person to any intermediate handler or carrier for transportation in commerce except to registered research facilities if they are less than such age as the Secretary may by regulation prescribe. The Secretary shall designate additional kinds and

classes of animals and may prescribe different ages for particular kinds or classes of dogs, cats, or designated animals, for the purposes of this section, when he determines that such action is necessary or adequate to assure their humane treatment in connection with their transportation in commerce.

(d) No intermediate handler or carrier involved in the transportation of any animal in commerce shall participate in any arrangement or engage in any practice under which the cost of such animal or the cost of the transportation of such animal is to be paid and collected upon delivery of the animal to the consignee, unless the consignor guarantees in writing the payment of transportation charges for any animal not claimed within a period of 48 hours after notice to the consignee of arrival of the animal, including, where necessary, both the return transportation charges and an amount sufficient to reimburse the carrier for all out-of-pocket expenses incurred for the care, feeding, and storage of such animals.

(7 U.S.C. § 2143.) (P.L. 89-544, § 13, Aug. 24, 1966, 80 Stat. 352; P.L. 91-579, § 14, Dec. 24, 1970, 84 Stat. 1562; P.L. 94-279, §§ 9, 10, Apr. 22, 1976, 90 Stat. 418, 419.)

Section 14. Any department, agency, or instrumentality of the United States having laboratory animal facilities shall comply with the standards and other requirements promulgated by the Secretary for a research facility under section 13. Any department, agency, or instrumentality of the United States exhibiting animals shall comply with the standards promulgated by the Secretary under section 13.

(7 U.S.C. § 2144.) (P.L. 89-544, § 14, Aug. 24, 1966, 80 Stat. 352; P.L. 91-579, § 15, Dec. 24, 1970, 84 Stat. 1563; P.L. 94-279, § 19, Apr. 22, 1976, 90 Stat. 423.)

Section 15. (a) The Secretary shall consult and cooperate with other Federal departments, agencies, or instrumentalities concerned with the welfare of animals used for research, experimentation or exhibition, or administration of statutes regulating the transportation in commerce or handling in connection therewith of any animals when establishing standards pursuant to section 13 and in carrying out the purposes of this Act. Before promulgating any standard governing the air transportation and handling in connection therewith, of animals, the Secretary shall consult with the Secretary of Transportation who shall have the authority to disapprove any such standard if he notifies the Secretary, within 30 days after such consultation, that changes in its provisions are necessary in the interest of flight safety. The Interstate Commerce Commission, the Civil Aeronautics Board, and the Federal Maritime Commission, to the extent of their respective lawful authorities, shall take such action as is appropriate to implement any standard established by the Secretary with respect to a person subject to regulation by it.

(b) The Secretary is authorized to cooperate with the officials of the various States or political subdivisions thereof in carrying out the purposes of this Act and of any State, local, or municipal legislation or ordinance on the same subject.

(7 U.S.C. § 2145.) (P.L. 89-544, § 15, Aug. 24, 1966, 80 Stat. 352; P.L. 91-579, § 16, Dec. 24, 1970, 84 Stat. 1563; P.L. 94-279, § 11, Apr. 22, 1976, 90 Stat. 419.)

Section 16. (a) The Secretary shall make such investigations or inspections as he deems necessary to determine whether any dealer, exhibitor, intermediate handler, carrier, research facility, or operator of an auction sale subject to section 12 of this Act, has violated or is violating any provision of this Act or any regulation or standard issued thereunder, and for such purposes, the Secretary shall, at all reasonable times, have access to the places of business and the facilities, animals, and those records required to be kept pursuant to section 10 of any such dealer, exhibitor, intermediate handler, carrier, research facility, or operator of an auction sale. The Secretary shall promulgate such rules and regulations as he deems necessary to permit inspectors to confiscate or destroy in a humane manner any animal found to be suffering as a result of a failure to comply with any provision of this Act or any regulation or standard issued thereunder if (1) such animal is held by a dealer, (2) such animal is held by an exhibitor, (3) such animal is held by a research facility and is no longer required by such research facility to carry out the research, test, or experiment for which such animal has been utilized, (4) such animal is held by an operator of an auction sale, or (5) such animal is held by an intermediate handler or a carrier.

(b) Any person who forcibly assaults, resists, opposes, impedes, intimidates, or interferes with any person while engaged in or on account of the performance of his official duties under this Act shall be fined not more than \$5,000, or imprisoned not more than three years, or both. Whoever, in the commission of such acts, uses a deadly or dangerous weapon shall be fined not more than \$10,000, or imprisoned not more than ten years, or both. Whoever kills any person while engaged in or on account of the performance of his official duties under this Act shall be punished as provided under sections 1111 and 1114 of title 18, United States Code.

(c) For the efficient administration and enforcement of this Act, the provisions (including penalties) of sections 6, 8, 9, and 10 of the Act entitled "An Act to create a Federal Trade Commission, to define its powers and duties, and for other purposes," approved September 26, 1914, (38 Stat. 721-723, as amended; 15 U.S.C. 46, 48, 49, and 50) (except paragraph (c) through (h) of section 6 and the last paragraph of section 9, and the provisions of Title II of the "Organized Crime Control Act of 1970". (62 Stat. 856; 18 U.S.C. 6001 et seq.), are made applicable to the jurisdiction, powers, and duties of the Secretary in administering and enforcing the provisions of this Act and to any person, firm, or corporation with respect to whom such authority is exercised. The Secretary may prosecute any inquiry necessary to his duties under this Act in any part of the United States, including any territory, or possession thereof, the District of Columbia, or the Commonwealth of Puerto Rico. The powers conferred by said sections 9 and 10 of the Act of September 26, 1914, as amended, on the district courts of the United States may be

exercised for the purposes of this Act by any district court of the United States. The United States district courts, the District Court of Guam, the District Court of the Virgin Islands, the highest court of American Samoa, and the United States courts of the other territories, are vested with jurisdiction specifically to enforce, and to prevent and restrain violations of this Act, and shall have jurisdiction in all other kinds of cases arising under this Act, except as provided in section 19(c) of this Act.

(7 U.S.C. § 2146.) (P.L. 89-544, § 16, Aug. 24, 1966, 80 Stat. 352; P.L. 91-579, § 17, Dec. 24, 1970, 84 Stat. 1563; P.L. 94-279, § 12, Apr. 22, 1976, 90 Stat. 420.)

Section 17. The Secretary shall promulgate rules and regulations requiring dealers, exhibitors, research facilities, and operators of auction sales subject to section 12 of this Act to permit inspection of their animals and records at reasonable hours upon request by legally constituted law enforcement agencies in search of lost animals.

(7 U.S.C. § 2147.) (P.L. 89-544, § 17, Aug. 24, 1966, 80 Stat. 352; P.L. 91-579, § 18, Dec. 24, 1970, 84 Stat. 1564.)

Section 18. Repealed. Similar provisions incorporated in section 13 by P.L. 91-579.

(7 U.S.C. § 2148.) (P.L. 89-544, § 18, Aug. 24, 1966, 80 Stat. 352; repealed by P.L. 91-579, § 19, Dec. 24, 1970, 84 Stat. 1564.)

Section 19. (a) If the Secretary has reason to believe that any person licensed as a dealer, exhibitor, or operator of an auction sale subject to section 12 of this Act, has violated or is violating any provision of this Act, or any of the rules or regulations or standards promulgated by the Secretary hereunder, he may suspend such person's license temporarily, but not to exceed 21 days, and after notice and opportunity for hearing, may suspend for such additional period as he may specify, or revoke such license, if such violation is determined to have occurred.

(b) Any dealer, exhibitor, research facility, intermediate handler, carrier, or operator of an auction sale subject to section 12 of this Act, that violates any provision of this Act, or any rule, regulation, or standard promulgated by the Secretary thereunder, may be assessed a civil penalty by the Secretary of not more than \$1,000 for each such violation, and the Secretary may also make an order that such person shall cease and desist from continuing such violation. Each violation and each day during which a violation continues shall be a separate offense. No penalty shall be assessed or cease and desist order issued unless such person is given notice and opportunity for a hearing with respect to the alleged violation, and the order of the Secretary assessing a penalty and making a cease and desist order shall be final and conclusive unless the affected person files an appeal from the Secretary's order with the appropriate United States Court of Appeals. The Secretary shall give due consideration to the appropriateness of the penalty with respect to the size of the business of the person involved,

the gravity of the violation, the person's good faith, and the history of previous violations. Any such civil penalty may be compromised by the Secretary. Upon any failure to pay the penalty assessed by a final order under this section, the Secretary shall request the Attorney General to institute a civil action in a district court of the United States or other United States court for any district in which such person is found or resides or transacts business, to collect the penalty, and such court shall have jurisdiction to hear and decide any such action. Any person who knowingly fails to obey a cease and desist order made by the Secretary under this section shall be subject to a civil penalty of \$500 for each offense, and each day during which such failure continues shall be deemed a separate offense.

(c) Any dealer, exhibitor, research facility, intermediate handler, carrier, or operator of an auction sale subject to section 12 of this Act, aggrieved by a final order of the Secretary issued pursuant to this section may, within 60 days after entry of such an order, seek review of such order in the appropriate United States Court of Appeals in accordance with the provisions of section 2341, 2343 through 2350 of title 28, United States Code, and such court shall have exclusive jurisdiction to enjoin, set aside, suspend (in whole or in part), or to determine the validity of the Secretary's order.

(d) Any dealer, exhibitor, or operator of an auction sale subject to section 12 of this Act, who knowingly violates any provision of this Act shall, on conviction thereof, be subject to imprisonment for not more than 1 year, or a fine of not more than \$1,000, or both. Prosecution of such violations shall, to the maximum extent practicable, be brought initially before United States magistrates as provided in section 636 of title 28, United States Code, and sections 3401 and 3402 of title 18, United States Code, and, with the consent of the Attorney General, may be conducted, at both trial and upon appeal to district court, by attorneys of the United States Department of Agriculture.

(7 U.S.C. § 2149.) (P.L. 89-544, § 19, Aug. 24, 1966, 80 Stat. 352; P.L. 91-579, § 20, Dec. 24, 1970, 84 Stat. 1564; P.L. 94-279, § 13, Apr. 22, 1976, 90 Stat. 420.)

Section 20. Repealed. Similar provisions incorporated in section 19 by P.L. 94-279.

(7 U.S.C. § 2150.) (P.L. 89-544, § 20, Aug. 24, 1966, 80 Stat. 353; P.L. 91-579, § 21, Dec. 24, 1970, 84 Stat. 1565; repealed by P.L. 94-279, § 14, Apr. 22, 1976, 90 Stat. 421.)

Section 21. The Secretary is authorized to promulgate such rules, regulations, and orders as he may deem necessary in order to effectuate the purposes of this Act.

(7 U.S.C. § 2151.) (P.L. 89-544, § 21, Aug. 24, 1966, 80 Stat. 353.)

Section 22. If any provision of this Act or the application of any such provision to any person or circumstances shall be held invalid, the remainder of this Act and the application of any such provision to persons or circumstances other than those

as to which it is held invalid shall not be affected thereby.

(7 U.S.C. § 2152.) (P.L. 89-544, § 22, Aug. 24, 1966, 80 Stat. 353.)

Section 23. The Secretary shall charge, assess, and cause to be collected reasonable fees for licenses issued. Such fees shall be adjusted on an equitable basis taking into consideration the type and nature of the operations to be licensed and shall be deposited and covered into the Treasury as miscellaneous receipts. There are hereby authorized to be appropriated such funds as Congress may from time to time provide: *Provided*, That there is authorized to be appropriated to the Secretary of Agriculture for enforcement by the Department of Agriculture of the provisions of section 26 of this Act an amount not to exceed \$100,000 for the transition quarter ending September 30, 1976, and not to exceed \$400,000 for each fiscal year thereafter.

(7 U.S.C. § 2153.) (P.L. 89-544, § 23, Aug. 24, 1966, 80 Stat. 353; P.L. 94-279, § 18, Apr. 22, 1976, 90 Stat. 423.)

Section 24. The regulations referred to in section 10 and section 13 shall be prescribed by the Secretary as soon as reasonable but not later than six months from the date of enactment of this Act. Additions and amendments thereto may be prescribed from time to time as may be necessary or advisable. Compliance by dealers with the provisions of this Act and such regulations shall commence ninety days after the promulgation of such regulations. Compliance by research facilities with the provisions of this Act and such regulations shall commence six months after the promulgation of such regulations, except that the Secretary may grant extensions of time to research facilities which do not comply with the standards prescribed by the Secretary pursuant to section 13 of this Act provided that the Secretary determines that there is evidence that the research facilities will meet such standards within a reasonable time. Notwithstanding the other provisions of this section, compliance by intermediate handlers, and carriers, and other persons with those provisions of this Act, as amended by the Animal Welfare Act Amendments of 1976, and those regulations promulgated thereunder, which relate to actions of intermediate handlers and carriers, shall commence 90 days after promulgation of regulations under section 13 of this Act, as amended, with respect to intermediate handlers and carriers, and such regulations shall be promulgated no later than 9 months after the enactment of the Animal Welfare Act Amendments of 1976; and compliance by dealers, exhibitors, operators of auction sales, and research facilities with other provisions of this Act, as so amended, and the regulations thereunder, shall commence upon the expiration of 90 days after enactment of the Animal Welfare Act Amendments of 1976: *Provided, however*, That compliance by all persons with paragraphs (b), (c), and (d) of section 13 and with section 26 of this Act, as so amended, shall commence upon the expiration of said ninety-day period. In all other respects, said amendments shall become effective upon the date of enactment.

(7 U.S.C. § 2154.) (P.L. 89-544, § 24, Aug. 24, 1966, 80 Stat. 353; P.L. 94-279, § 15, Apr. 22, 1976, 90 Stat. 421.)

Section 25. Not later than March of each year following the enactment of the "Animal Welfare Act of 1970", the Secretary shall submit to the President of the Senate and the Speaker of the House of Representatives a comprehensive and detailed written report with respect to--

(1) the identification of all research facilities, exhibitors, and other persons and establishments licensed by the Secretary under section 3 and section 12 of this Act;

(2) the nature and place of all investigations and inspections conducted by the Secretary under section 16 of this Act, and all reports received by the Secretary under section 13 of this Act;

(3) recommendations for legislation to improve the administration of this Act or any provision thereof; and

(4) recommendations and conclusions concerning the aircraft environment as it relates to the carriage of live animals in air transportation. This report as well as any supporting documents, data, or findings shall not be released to any other persons, non-Federal agencies, or organizations unless and until it has been made public by an appropriate committee of the Senate or the House of Representatives.

(7 U.S.C. § 2155.) (P.L. 89-544, § 25, added by P.L. 91-579, § 22, Dec. 24, 1970, 84 Stat. 1565; P.L. 94-279, § 16, Apr. 22, 1976, 90 Stat. 421.)

Section 26. (a) It shall be unlawful for any person to knowingly sponsor or exhibit an animal in any animal fighting venture to which any animal was moved in interstate or foreign commerce.

(b) It shall be unlawful for any person to knowingly sell, buy, transport, or deliver to another person or receive from another person for purposes of transportation, in interstate or foreign commerce, any dog or other animal for purposes of having the dog or other animal participate in an animal fighting venture.

(c) It shall be unlawful for any person to knowingly use the mail service of the United States Postal Service or any interstate instrumentality for purposes of promoting or in any other manner furthering an animal fighting venture except as performed outside the limits of the States of the United States.

(d) Notwithstanding the provisions of subsection (a), (b), or (c) of this section, the activities prohibited by such subsections shall be unlawful with respect to fighting ventures involving live birds only if the fight is to take place in a State where it would be in violation of the laws thereof.

(e) Any person who violates subsection (a), (b), or (c) shall be fined not more than \$5,000 or imprisoned for not more than 1 year, or both, for each such violation.

(f) The Secretary or any other person authorized by him shall make such investigations as the Secretary deems necessary to determine whether any person has violated or is violating any provision of this section, and the Secretary may obtain the assistance of the Federal Bureau of Investigation, the Department of the Treasury, or other law enforcement

agencies of the United States, and State and local governmental agencies, in the conduct of such investigations, under cooperative agreements with such agencies. A warrant to search for and seize any animal which there is probable cause to believe was involved in any violation of this section may be issued by any judge of the United States or of a State court of record or by a United States magistrate within the district wherein the animal sought is located. Any United States marshal or any person authorized under this section to conduct investigations may apply for and execute any such warrant, and any animal seized under such a warrant shall be held by the United States marshal or other authorized person pending disposition thereof of by the court in accordance with this paragraph (f). Necessary care including veterinary treatment shall be provided while the animals are so held in custody. Any animal involved in any violation of this section shall be liable to be proceeded against and forfeited to the United States at any time on complaint filed in any United States district court or other court of the United States for any jurisdiction in which the animal is found and upon a judgment of forfeiture shall be disposed of by sale for lawful purposes or by other humane means, as the court may direct. Costs incurred by the United States for care of animals seized and forfeited under this section shall be recoverable from the owner of the animals if he appears in such forfeiture proceeding or in a separate civil action brought in the jurisdiction in which the owner is found, resides, or transacts business.

(g) For purposes of this section--

(1) the term "animal fighting venture" means any event which involves a fight between at least two animals and is conducted for purposes of sport, wagering, or entertainment except that the term "animal fighting venture" shall not be deemed to include any activity the primary purpose of which involves the use of one or more animals in hunting another animal or animals, such as waterfowl, bird, raccoon, or fox hunting;

(2) the term "interstate or foreign commerce" means--

(A) any movement between any place in a State to any place in another State or between places in the same State through another State; or

(B) any movement from a foreign country into any State;

(3) the term "interstate instrumentality" means telegraph, telephone, radio, or television operating in interstate or foreign commerce;

(4) the term "State" means any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, and any territory or possession of the United States;

(5) the term "animal" means any live bird, or any live dog or other mammal, except man; and

(6) the conduct by any person of any activity prohibited by this section shall not render such person subject to the other sections of this Act as a dealer, exhibitor, or otherwise.

(h)(1) The provisions of this Act shall not supersede or otherwise invalidate any such State, local, or municipal legislation or ordinance relating to animal fighting ventures except in case of a direct and irreconcilable conflict between any requirements thereunder and this Act or any rule, regulation, or

standard hereunder.

[Note: P.L. 94-279, § 17 (adding § 26) also amended 39 U.S.C. § 3001(a) on material that may not be mailed.]

(7 U.S.C. § 2156.) (P.L. 89-544, § 26, added by P.L. 94-279, § 17, Apr. 22, 1976, 90 Stat. 421.)

LEGISLATIVE HISTORY

P.L. 89-544:

H.Rept. 89-1418, House Committee on Agriculture
S.Rept. 89-1281, Senate Committee on Commerce
Passed House Apr. 28, 1966
Passed Senate June 22, 1966
H.Rept. 89-1848, Conference Committee
House agreed to conference report Aug. 16, 1966
Senate agreed to conference report Aug. 17, 1966
Approved Aug. 24, 1966

P.L. 91-579:

H.Rept. 91-1651, House Committee on Agriculture
Passed House Dec. 7, 1970
Passed Senate Dec. 8, 1970
Approved Dec. 24, 1970

P.L. 94-279:

H.Rept. 94-801, House Committee on Agriculture
S.Rept. 94-580, Senate Committee on Commerce
H.Rept. 94-976, Conference Committee
S.Rept. 94-727, Conference Committee
Passed Senate Dec. 18, 1975
Passed House Feb. 9, 1976
House agreed to conference report, Apr. 6, 1976
Senate agreed to conference report, Apr. 7, 1976
Approved Apr. 22, 1976

Congressional Record

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TEXT OF "THE IMPROVED STANDARDS FOR LABORATORY ANIMALS ACT"

FINDINGS

Sec. 1751. For the purposes of this subtitle, the Congress finds that—

(1) the use of animals is instrumental in certain research and education for advancing knowledge of cures and treatment for diseases and injuries which afflict both humans and animals;

(2) methods of testing that do not use animals are being and continue to be developed which are faster, less expensive, and more accurate than traditional animal experiments for some purposes and further opportunities exist for the development of these methods of testing;

(3) measures which eliminate or minimize the unnecessary duplication of experiments on animals can result in more productive use of Federal funds; and

(4) measures which help meet the public concern for laboratory animal care and treatment are important in assuring that research will continue to progress.

STANDARDS AND CERTIFICATION PROCESS

Sec. 1752. (a) Section 13 of the Animal Welfare Act (7 U.S.C. 2143) is amended by—

(1) redesignating subsections (b) through (d) as subsections (f) through (h) respectively; and

(2) striking out the first two sentences of subsection (a) and inserting in lieu thereof the following new sentences: "(1) The Secretary shall promulgate standards to govern the humane handling, care, treatment, and transportation of animals by dealers, research facilities, and exhibitors.

"(2) The standards described in paragraph (1) shall include minimum requirements—

"(A) for handling, housing, feeding, watering, sanitation, ventilation, shelter from extremes of weather and temperatures, adequate veterinary care, and separation by species where the Secretary finds necessary for humane handling, care, or treatment of animals; and

"(B) for exercise of dogs, as determined by an attending veterinarian in accordance with general standards promulgated by the Secretary, and for a physical environment adequate to promote the psychological well-being of primates.

"(3) In addition to the requirements under paragraph (2), the standards described in paragraph (1) shall, with respect to animals in research facilities, include requirements—

"(A) for animal care, treatment, and practices in experimental procedures to ensure that animal pain and distress are minimized, including adequate veterinary care with the appropriate use of anesthetic, analgesic, tranquilizing drugs, or euthanasia;

"(B) that the principal investigator considers alternatives to any procedure likely to produce pain to or distress in an experimental animal;

"(C) in any practice which could cause pain to animals—

"(i) that a doctor of veterinary medicine is consulted in the planning of such procedures;

"(ii) for the use of tranquilizers, analgesics, and anesthetics;

"(iii) for pre-surgical and post-surgical care by laboratory workers, in accordance with established veterinary medical and nursing procedures;

"(iv) against the use of paralytics without anesthesia; and

"(v) that the withholding of tranquilizers, anesthesia, analgesia, or euthanasia when scientifically necessary shall continue for only the necessary period of time;

"(D) that no animal is used in more than one major operative experiment from which it is allowed to recover except in cases of—

"(i) scientific necessity; or

"(ii) other special circumstances as determined by the Secretary; and

"(E) that exceptions to such standards may be made only when specified by research protocol and that any such exception shall be detailed and explained in a report outlined under paragraph (7) and filed with the Institutional Animal Committee."

(b) Section 13(a) of such Act is further amended—

(1) by designating the third and fourth sentences as paragraph (4);

(2) by designating the fifth sentence as paragraph (5); and

(3) by striking out the last sentence and inserting in lieu thereof the following:

"(B)(A) Nothing in this Act—

"(i) except as provided in paragraphs (7) of this subsection, shall be construed as authorizing the Secretary to promulgate rules, regulations, or orders with regard to the design, outlines, or guidelines of actual research or experimentation by a research facility as determined by such research facility;

"(ii) except as provided subparagraphs (A) and (C) (i) through (v) of paragraph (3) and paragraph (7) of this subsection, shall be construed as authorizing the Secretary to promulgate rules, regulations, or orders with regard to the performance of actual research or experimentation by a research facility as determined by such research facility; and

"(iii) shall authorize the Secretary, during inspection, to interrupt the conduct of actual research or experimentation.

"(B) No rule, regulation, order, or part of this Act shall be construed to require a research facility to disclose publicly or to the Institutional Animal Committee during its inspection, trade secrets or commercial or financial information which is privileged or confidential.

"(7)(A) The Secretary shall require each research facility to show upon inspection, and to report at least annually, that the provisions of this Act are being followed and that professionally acceptable standards governing the care, treatment, and use of animals are being followed by the research facility during actual research or experimentation.

"(B) In complying with subparagraph (A), such research facilities shall provide—

"(i) information on procedures likely to produce pain or distress in any animal and assurances demonstrating that the principal investigator considered alternatives to those procedures;

"(ii) assurances satisfactory to the Secretary that such facility is adhering to the standards described in this section; and

"(iii) an explanation for any deviation from the standards promulgated under this section.

"(B) Paragraph (1) shall not prohibit any State for a political subdivision of such State from promulgating standards in addition to those standards promulgated by the Secretary under paragraph (1)."

(c) Section 13 of such Act is further amended by inserting after subsection (a) the following new subsections:

"(b)(1) The Secretary shall require that each research facility establish at least one Committee. Each Committee shall be appointed by the chief executive officer of each such research facility and shall be composed of not fewer than three members. Such members shall possess sufficient ability to assess animal care, treatment, and practices in experimental research as determined by the needs of the research facility and shall represent society's concerns regarding the welfare of animal subjects used at such facility. Of the members of the Committee—

"(A) at least one member shall be a doctor of veterinary medicine;

"(B) at least one member—

"(i) shall not be affiliated in any way with such facility other than as a member of the Committee;

"(ii) shall not be a member of the immediate family of a person who is affiliated with such facility; and

"(iii) is intended to provide representation for general community interests in the proper care and treatment of animals; and

"(C) in those cases where the Committee

consists of more than three members, not more than three members shall be from the same administrative unit of such facility.

"(2) A quorum shall be required for all formal actions of the Committee, including inspections under paragraph (3).

"(3) The Committee shall inspect at least semiannually all animal study areas and animal facilities of such research facility and review as part of the inspection—

"(A) practices involving pain to animals, and

"(B) the condition of animals, to ensure compliance with the provisions of this Act to minimize pain and distress to animals. Exceptions to the requirement of inspection of such study areas may be made by the Secretary if animals are studied in their natural environment and the study area is prohibitive to easy access.

"(4)(A) The Committee shall file an inspection certification report of each inspection at the research facility. Such report shall—

"(i) be signed by a majority of the Committee members involved in the inspection;

"(ii) include reports of any violation of the standards promulgated, or assurances required, by the Secretary, including any deficient conditions of animal care or treatment, any deviations of research practices from originally approved proposals that adversely affect animal welfare, any notification to the facility regarding such conditions, and any corrections made thereafter;

"(iii) include any minority views of the Committee; and

"(iv) include any other information pertinent to the activities of the Committee.

"(B) Such report shall remain on file for at least three years at the research facility and shall be available for inspection by the Animal and Plant Health Inspection Service and any funding Federal agency.

"(C) In order to give the research facility an opportunity to correct any deficiencies or deviations discovered by reason of paragraph (3), the Committee shall notify the administrative representative of the research facility of any deficiencies or deviations from the provisions of this Act. If, after notification and an opportunity for correction, such deficiencies or deviations remain uncorrected, the Committee shall notify (in writing) the Animal and Plant Health Inspection Service and the funding Federal agency of such deficiencies or deviations.

"(5) The inspection results shall be available to Department of Agriculture inspectors in review during inspections. Department of Agriculture inspectors shall forward any Committee inspection records which include reports of uncorrected deficiencies or deviations to the Animal and Plant Health Inspection Service and any funding Federal agency of the project with respect to which such uncorrected deficiencies and deviations occurred.

"(6) In the case of Federal research facilities, a Federal Committee shall be established and shall have the same composition and responsibilities provided in subsection (b), except that the Federal Committee shall report deficiencies or deviations to the head of the Federal agency conducting the research rather than to the Animal and Plant Health Inspection Service. The head of the Federal agency conducting the research shall be responsible for—

"(1) all corrective action to be taken at the facility; and

"(2) the granting of all exceptions to inspection protocol.

"(d) Each research facility shall provide for the training of scientists, animal technicians, and other personnel involved with animal care and treatment in such facility

as required by the Secretary. Such training shall include instruction on—

"(1) the humane practice of animal maintenance and experimentation;

"(2) research or testing methods that minimize or eliminate the use of animals or limit animal pain or distress;

"(3) utilization of the information service at the National Agricultural Library, established under subsection (e); and

"(4) methods whereby deficiencies in animal care and treatment should be reported.

"(e) The Secretary shall establish an information service at the National Agricultural Library. Such service shall, in cooperation with the National Library of Medicine, provide information—

"(1) pertinent to employee training;

"(2) which could prevent unintended duplication of animal experimentation as determined by the needs of the research facility; and

"(3) on improved methods of animal experimentation, including methods which could—

"(A) reduce or replace animal use; and

"(B) minimize pain and distress to animals, such as anesthetic and analgesic procedures.

"(f) In any case in which a Federal agency funding a research project determines that conditions of animal care, treatment, or practice in a particular project have not been in compliance with standards promulgated under this Act, despite notification by the Secretary or such Federal agency to the research facility and an opportunity for correction, such agency shall suspend or revoke Federal support for the project. Any research facility losing Federal support as a result of actions taken under the preceding sentence shall have the right of appeal as provided in sections 701 through 706 of title 5, United States Code."

INSPECTIONS

SEC. 1753. Section 18(a) of the Animal Welfare Act (7 U.S.C. 2146(a)) is amended by inserting after the first sentence the following:

"The Secretary shall inspect each research facility at least once each year and, in the case of deficiencies or deviations from the standards promulgated under this Act, shall conduct such follow-up inspections as may be necessary until all deficiencies or deviations from such standards are corrected."

PENALTY FOR RELEASE OF TRADE SECRETS

SEC. 1754. The Animal Welfare Act (7 U.S.C. 2131-2156) is amended by adding at the end thereof the following section:

"Sec. 27. (a) It shall be unlawful for any member of an Institutional Animal Committee to release any confidential information of the research facility including any information that concerns or relates to—

"(1) the trade secrets, processes, operations, style of work, or apparatus; or

"(2) the identity, confidential statistical data, amount or source of any income, profits, losses, or expenditures,

of the research facility.

"(b) It shall be unlawful for any member of such Committee—

"(1) to use or attempt to use to his advantage; or

"(2) to reveal to any other person, any information which is entitled to protection as confidential information under subsection (a).

"(c) A violation of subsection (a) or (b) is punishable by—

"(1) removal from such Committee; and

"(2)(A) a fine of not more than \$1,000 and imprisonment of not more than one year; or

"(B) if such violation is willful, a fine of

not more than \$10,000 and imprisonment of not more than three years.

"(d) Any person, including any research facility, injured in its business or property by reason of a violation of this section may recover all actual and consequential damages sustained by such person and the cost of the suit including a reasonable attorney's fee.

"(e) Nothing in this section shall be construed to affect any other rights of a person injured in its business or property by reason of a violation of this section. Subsection (d) shall not be construed to limit the exercise of any such rights arising out of or relating to a violation of subsections (c) and (b)."

INCREASED PENALTIES FOR VIOLATION OF THE ACT

SEC. 1755. (a) Subsection (b) of section 19 of the Animal Welfare Act (7 U.S.C. 2149(b)) is amended—

(1) in the first sentence by striking out "\$1,000 for each such violation" and inserting in lieu thereof "\$2,500 for each such violation"; and

(2) in the sixth sentence by striking out "\$500 for each offense" and inserting in lieu thereof "\$1,500 for each offense".

(b) Subsection (d) of such section is amended by striking out "\$1,000" and inserting in lieu thereof "\$2,500".

DEFINITIONS

SEC. 1756. (a) Section 2 of the Animal Welfare Act (7 U.S.C. 2132) is amended by—

(1) striking out "and" after the semicolon in subsection (k);

(2) striking out the period at the end of subsection (j) and inserting in lieu thereof a semicolon; and

(3) adding after subsection (j) the following new subsections:

"(k) The term 'Federal agency' means an Executive agency as such term is defined in section 105 of title 5, United States Code, and with respect to any research facility means the agency from which the research facility receives a Federal award for the conduct of research, experimentation, or testing, involving the use of animals;

"(l) The term 'Federal award for the conduct of research, experimentation, or testing, involving the use of animals' means any mechanism (including a grant, award, loan, contract, or cooperative agreement) under which Federal funds are provided to support the conduct of such research.

"(m) The term 'quorum' means a majority of the Committee members;

"(n) The term 'Committee' means the Institutional Animal Committee established under section 13(b); and

"(o) The term 'Federal research facility' means each department, agency, or instrumentality of the United States which uses live animals for research or experimentation."

(b) For purposes of this Act, the term "animal" shall have the same meaning as defined in section 21(g) of the Animal Welfare Act (7 U.S.C. 2132(g)).

CONSULTATION WITH THE SECRETARY OF HEALTH AND HUMAN SERVICES

SEC. 1757. Section 15(a) of the Animal Welfare Act (7 U.S.C. 2145(a)) is amended by adding after the first sentence the following: "The Secretary shall consult with the Secretary of Health and Human Services prior to issuance of regulations."

TECHNICAL AMENDMENT

SEC. 1758. Section 14 of the Animal Welfare Act (7 U.S.C. 2144) is amended by changing "section 13" to "sections 13 (a), (f), (g), and (h)" wherever it appears.

EFFECTIVE DATE

SEC. 1759. This subtitle shall take effect 1 year after the date of the enactment of this Act.



City of Cambridge

In the Year One Thousand, Nine Hundred Eighty-Six

AN ORDINANCE

In amendment to an Ordinance formerly entitled "The General Ordinances of the City of Cambridge" as revised in 1972 and now designated as "The Code of the City of Cambridge".

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter Eleven entitled "Health, Hospitals and Housing" is hereby amended by inserting the following article:-

ARTICLE IV ORDINANCE FOR THE CARE AND USE OF LABORATORY ANIMALS IN THE CITY OF CAMBRIDGE

Section 11-30. **GUIDELINES FOR THE REGULATION OF THE CARE AND USE OF LABORATORY ANIMALS.**

I. DEFINITIONS

In the context of this ordinance the following definitions are adopted:

- (a) An animal is any nonhuman sentient being.
- (b) An experiment is any procedure conducted by a research institution on a live animal.
- (c) A research institution is any institution operated in the City of Cambridge by the United States or by the Commonwealth of Massachusetts or a political sub-division thereof, or any school or college of medicine, public health, dentistry, pharmacy, veterinary medicine, or agricultural, medical, biological, or diagnostic laboratory, biological corporation, hospital or other educational or scientific establishment within the Commonwealth of Massachusetts which in connection with any of its activities investigates or gives instruction concerning the structure and function of living organisms or the causes, prevention, control or cure of diseases or abnormal conditions of human beings or animals.

II. GUIDELINES FOR ANIMAL EXPERIMENTATION

(a) All experiments on animals in the City of Cambridge shall be undertaken only in strict conformity with the "Guide for the Care and Use of Animals" (hereinafter referred to as the "Guide") of the National Institute of Health (hereinafter referred to as "NIH") as set forth in the Federal Register dated May 9, 1985 and in conformity also with applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances and regulations of the City of Cambridge and such specific regulations as are established by the Cambridge Animal Experimentation Review Board created by this Ordinance (hereinafter referred to as "CAERB") to ensure compliance with the provisions of this Ordinance.

- (1) All research institutions where experiments on animals are performed shall register with the City of Cambridge and agree to comply with the provisions of this Ordinance.
- (2) All research institutions shall file a semi-annual report with the City of Cambridge outlining the type, number, and source of animals used within the previous six months.
- (3) Each research institution proposing to experiment on animals shall conduct a training program for personnel involved in the care and use of animals. Such training shall be consistent with the provisions of the Federal Improved Standards for Laboratory Animals Act. In connection with such training a manual or manuals shall be prepared and such manual or manuals shall outline all procedures and techniques relevant to providing for the psychological and physical health of the animals. Said manual or manuals shall be submitted to the CAERB for review and approval.
- (4) All research institutions shall have an Institutional Animal Care and Use Committee (hereinafter referred to as the "IACUC") as mandated by the Guide. The IACUC should be broad-based in its composition; it should include members from a variety of disciplines, representation from the animal care staff, and at least one member unaffiliated with the research institution. The members of IACUC shall have unrestricted access to all areas in which animals are housed or used as subjects in experiments, subject only

to such limitations as are deemed necessary by the research institution and are approved in writing by the CAERB. At least one member of the IACUC should serve as a representative of community interests in the welfare of the animals. Such a member must be selected by the research institution from a list of individuals provided by the Animal Commission of the City of Cambridge (hereinafter referred to as the "Animal Commission"). Said list will be composed of individuals deemed to have the greatest capacity to provide effective advocacy on behalf of the animals.

- (5) When any member of the IACUC is uncertain that the care and use of animals in a research institution is consistent with applicable laws, regulations, or guidelines, or community ethical standards, and such concerns are not resolved within the deliberations and activities of the IACUC, such member shall notify the CAERB.
- (6) All animals in research institutions shall receive at least the protections afforded to any animal under the Animal Welfare Act (hereinafter referred to as the "AWA"), Guide, State Law and City ordinances and regulations.
- (7) Research institutions undertaking animal experimentation shall perform adequate screening to ensure that the animals do not suffer from bacterial or viral diseases or injuries not described in the proposal for such experiments as an intent of the experiment. Any animals found to be suffering from such diseases or injuries shall receive prompt and appropriate veterinary treatment. Complete records of such cases shall be maintained and made available to the CAERB for its review.
- (8) As part of the research institution's responsibilities, it shall continuously monitor the physical pain or psychological distress of animal subjects. Furthermore, the research institution shall take every step possible to mitigate pain or psychological distress except to the extent that such pain or psychological distress is described in the proposal for the experiment as an intent of the experiment.
- (9) All cases of unusual illness in the animals or the workers associated with the experiments being conducted shall be fully investigated and reported to both the Director of the Animal Commission and the Commissioner of Health and Hospitals of the City

of Cambridge.

- (10) Animal experiments involving physical pain where such pain is not mitigated at all times by the use of adequate anaesthesia and post-operative pain-killers must be reviewed and approved by the CAERB.

~~Section 12-31A~~ **CAMBRIDGE ANIMAL EXPERIMENTATION REVIEW BOARD (CAERB)**

I. CREATION

- (a) The CAERB shall be established for the purpose of overseeing all animal experimentation that is conducted in the City of Cambridge.
- (b) The CAERB shall be composed of the Chair of the subcommittee of the City Council on Human Services, the Director of the Animal Commission, and a minimum of three other members to be appointed by the City Manager. The City Manager is authorized to provide for the adequate staffing of the CAERB.

II. RESPONSIBILITIES

Specific responsibilities of the CAERB shall include:

- (a) Determining and delineating the community's ethical standards for the use of animals for the purpose of this Ordinance and being available for consultation with each research institution to insure that the research institution's care and use of animals meets those standards.
- (b) Maintaining a relationship with the IACUCs.
- (c) Reviewing all proposals for animal experimentation to be conducted in the City of Cambridge in order to establish the compliance of said proposal with the Guide, any amendment thereof, or other regulations or guidelines as may be established by the NIH, the USDA, or any other federal agency, or by Act of Congress; and in conformity also with all applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances of the City of Cambridge, and such statutes or regulations as may be established by the Commonwealth or the City.

- (d) Developing a procedure by which members of research institutions where animal experimentation is conducted may report violations either in technique or established policy to the CAERB.
- (e) Conducting unannounced site visits to research institutions or designating agent(s) to conduct such visits.
- (f) Reviewing protocols for experiments on animals that are conducted in the City of Cambridge for compliance with the provisions of this Ordinance.
- (g) Investigating alleged violations of the Guide, applicable laws, regulations, and community ethical standards. Upon completion of such investigation, the CAERB shall promptly report its recommendations for any further action deemed necessary, if any, to ensure compliance with applicable laws, regulations, and community ethical standards, to the City Council.
- (h) Insuring that the IACUCs file regular reports with the CAERB in a manner determined by the CAERB, and that the IACUCs file duplicates with the CAERB of reports filed pursuant to the AWA, simultaneously with the submission of such reports to the appropriate state or federal agency.
- (i) Reviewing reports and recommendations from the IACUCs.

III. VIOLATIONS

Violations of the conditions by research institutions of this Ordinance shall subject the violator to a fine up to two hundred fifty dollars (\$250) per violation per day and in addition the research institution in which serious or repeated violation of this Ordinance occurs may be closed by the Director of the Animal Commission. Each day of violation shall constitute a separate and distinct offense.

Section 11-32. SEVERABILITY OF SECTIONS.

If any section, sub-section, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions thereof.

Passed to a second reading at the City Council meeting held on September 8, 1986 on or after September 22, 1986 the question comes on passing to be ordained.

ATTEST:- Joseph E. Connarton
Acting City Clerk



City of Cambridge

In the Year One Thousand, Nine Hundred Eighty-Six

AN ORDINANCE

In amendment to an Ordinance formerly entitled "The General Ordinances of the City of Cambridge" as revised in 1972 and now designated as "The Code of the City of Cambridge".

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter Eleven entitled "Health, Hospitals and Housing" is hereby amended by inserting the following article:-

ARTICLE IV ORDINANCE FOR THE CARE AND USE OF LABORATORY ANIMALS IN THE CITY OF CAMBRIDGE

Section 11-30. **GUIDELINES FOR THE REGULATION OF THE CARE AND USE OF LABORATORY ANIMALS.**

I. DEFINITIONS

In the context of this ordinance the following definitions are adopted:

- (a) An animal is any nonhuman sentient being.
- (b) An experiment is any procedure conducted by a research institution on a live animal.
- (c) A research institution is any institution operated in the City of Cambridge by the United States or by the Commonwealth of Massachusetts or a political sub-division thereof, or any school or college of medicine, public health, dentistry, pharmacy, veterinary medicine, or agricultural, medical, biological, or diagnostic laboratory, biological corporation, hospital or other educational or scientific establishment within the Commonwealth of Massachusetts which in connection with any of its activities investigates or gives instruction concerning the structure and function of living organisms or the causes, prevention, control or cure of diseases or abnormal conditions of human beings or animals.

II. GUIDELINES FOR ANIMAL EXPERIMENTATION

- (a) All experiments on animals in the City of Cambridge shall be undertaken only in strict conformity with the "Guide for the Care and Use of Animals" (hereinafter referred to as the "Guide") of the National Institute of Health (hereinafter referred to as "NIH") as set forth in the Federal Register dated May 9, 1985 and in conformity also with applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances and regulations of the City of Cambridge and such specific regulations as are established by the Cambridge Animal Experimentation Review Board created by this Ordinance (hereinafter referred to as "CAERB") to ensure compliance with the provisions of this Ordinance.
- (1) All research institutions where experiments on animals are performed shall register with the City of Cambridge and agree to comply with the provisions of this Ordinance.
 - (2) All research institutions shall file a semi-annual report with the City of Cambridge outlining the type, number, and source of animals used within the previous six months.
 - (3) Each research institution proposing to experiment on animals shall conduct a training program for personnel involved in the care and use of animals. Such training shall be consistent with the provisions of the Federal Improved Standards for Laboratory Animals Act. In connection with such training a manual or manuals shall be prepared and such manual or manuals shall outline all procedures and techniques relevant to providing for the psychological and physical health of the animals. Said manual or manuals shall be submitted to the CAERB for review and approval.
 - (4) All research institutions shall have an Institutional Animal Care and Use Committee (hereinafter referred to as the "IACUC") as mandated by the Guide. The IACUC should be broad-based in its composition; it should include members from a variety of disciplines, representation from the animal care staff, and at least one member unaffiliated with the research institution. The members of IACUC shall have unrestricted access to all areas in which animals are housed or used as subjects in experiments, subject only

to such limitations as are deemed necessary by the research institution and are approved in writing by the CAERB. At least one member of the IACUC should serve as a representative of community interests in the welfare of the animals. Such a member must be selected by the research institution from a list of individuals provided by the Animal Commission of the City of Cambridge (hereinafter referred to as the "Animal Commission"). Said list will be composed of individuals deemed to have the greatest capacity to provide effective advocacy on behalf of the animals.

- (5) When any member of the IACUC is uncertain that the care and use of animals in a research institution is consistent with applicable laws, regulations, or guidelines, or community ethical standards, and such concerns are not resolved within the deliberations and activities of the IACUC, such member shall notify the CAERB.
- (6) All animals in research institutions shall receive at least the protections afforded to any animal under the Animal Welfare Act (hereinafter referred to as the "AWA"), Guide, State Law and City ordinances and regulations.
- (7) Research institutions undertaking animal experimentation shall perform adequate screening to ensure that the animals do not suffer from bacterial or viral diseases or injuries not described in the proposal for such experiments as an intent of the experiment. Any animals found to be suffering from such diseases or injuries shall receive prompt and appropriate veterinary treatment. Complete records of such cases shall be maintained and made available to the CAERB for its review.
- (8) As part of the research institution's responsibilities, it shall continuously monitor the physical pain or psychological distress of animal subjects. Furthermore, the research institution shall take every step possible to mitigate pain or psychological distress except to the extent that such pain or psychological distress is described in the proposal for the experiment as an intent of the experiment.
- (9) All cases of unusual illness in the animals or the workers associated with the experiments being conducted shall be fully investigated and reported to both the Director of the Animal Commission and the Commissioner of Health and Hospitals of the City

of Cambridge.

- (10) Animal experiments involving physical pain where such pain is not mitigated at all times by the use of adequate anaesthesia and post-operative pain-killers must be reviewed and approved by the CAERB.

~~Section 11-31B~~ CAMBRIDGE ANIMAL EXPERIMENTATION REVIEW BOARD (CAERB)

I. CREATION

- (a) The CAERB shall be established for the purpose of overseeing all animal experimentation that is conducted in the City of Cambridge.
- (b) The CAERB shall be composed of the Chair of the subcommittee of the City Council on Human Services, the Director of the Animal Commission, and a minimum of three other members to be appointed by the City Manager. The City Manager is authorized to provide for the adequate staffing of the CAERB.

II. RESPONSIBILITIES

Specific responsibilities of the CAERB shall include:

- (a) Determining and delineating the community's ethical standards for the use of animals for the purpose of this Ordinance and being available for consultation with each research institution to insure that the research institution's care and use of animals meets those standards.
- (b) Maintaining a relationship with the IACUCs.
- (c) Reviewing all proposals for animal experimentation to be conducted in the City of Cambridge in order to establish the compliance of said proposal with the Guide, any amendment thereof, or other regulations or guidelines as may be established by the NIH, the USDA, or any other federal agency, or by Act of Congress; and in conformity also with all applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances of the City of Cambridge, and such statutes or regulations as may be established by the Commonwealth or the City.

- (d) Developing a procedure by which members of research institutions where animal experimentation is conducted may report violations either in technique or established policy to the CAERB.
- (e) Conducting unannounced site visits to research institutions or designating agent(s) to conduct such visits.
- (f) Reviewing protocols for experiments on animals that are conducted in the City of Cambridge for compliance with the provisions of this Ordinance.
- (g) Investigating alleged violations of the Guide, applicable laws, regulations, and community ethical standards. Upon completion of such investigation, the CAERB shall promptly report its recommendations for any further action deemed necessary, if any, to ensure compliance with applicable laws, regulations, and community ethical standards, to the City Council.
- (h) Insuring that the IACUCs file regular reports with the CAERB in a manner determined by the CAERB, and that the IACUCs file duplicates with the CAERB of reports filed pursuant to the AWA, simultaneously with the submission of such reports to the appropriate state or federal agency.
- (i) Reviewing reports and recommendations from the IACUCs.

III. VIOLATIONS

Violations of the conditions by research institutions of this Ordinance shall subject the violator to a fine up to two hundred fifty dollars (\$250) per violation per day and in addition the research institution in which serious or repeated violation of this Ordinance occurs may be closed by the Director of the Animal Commission. Each day of violation shall constitute a separate and distinct offense.

Section 11-32. SEVERABILITY OF SECTIONS.

If any section, sub-section, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions thereof.

Passed to a second reading at the City Council meeting held on September 8, 1986 on or after September 22, 1986 the question comes on passing to be ordained.

ATTEST:- Joseph E. Connarton
Acting City Clerk



CITY OF CAMBRIDGE

ANIMAL CARE & CONTROL
57 INMAN STREET
CAMBRIDGE, MASSACHUSETTS 02139
498-9041

GINGER GAY
Director

CAPTAIN HENRY W. BREEN
Cambridge Police Department

MELVIN CHALFEN, MD
Commissioner
Health and Hospitals

Members:
JOHN CORCORAN
ELLEN KIRCHHEIMER
MICHAEL KLEIN
PAUL PURCELL

REPORT OF LABORATORIES CONDUCTING
EXPERIMENTS ON LIVE ANIMALS IN
CAMBRIDGE, MASSACHUSETTS

AUGUST 1985

Submitted to:

Robert W. Healy
City Manager
City of Cambridge

Prepared by:

Ginger Gay
Director
Cambridge Animal Commission

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City of Cambridge

8.

IN CITY COUNCIL

I. COUNCIL ORDER

April 22, 1985

COUNCILLOR CLINTON

- WHEREAS: This City Council is in receipt of several communications from concerned citizens regarding alleged mistreatment of animals; and
- WHEREAS: It is alleged that many laboratory experiments are being conducted in Cambridge which may cause needless suffering to these animals; now therefore be it
- RESOLVED: That the City Manager be and hereby is requested to instruct the Animal Commission to provide the City Council with a report outlining the number of laboratories conducting this kind of experimentation, as well as the type of experiments being conducted.

In City Council April 22, 1985.
Adopted by the affirmative vote of 7 members.
Attest:- Paul E. Healy, City Clerk.

A true copy;

ATTEST:-

A handwritten signature in cursive script, reading "Paul E. Healy", written over a horizontal line.

Paul E. Healy, City Clerk.

II. REPORT OF LABORATORIES CONDUCTING EXPERIMENTS ON LIVE ANIMALS IN CAMBRIDGE, MASSACHUSETTS

There are least seven (7) laboratories and institutes conducting research or testing products on animals in Cambridge. It is not possible to obtain a more precise figure because there is no universal requirement that such institutes register their activities. Some of the data provided in this Report have been obtained through their voluntary cooperation. Others, such as M.I.T. refused to provide any information to this office. However, the Animal Commission was able to obtain some of the pertinent information from the U.S. Department of Agriculture (USDA) under the Freedom of Information Act. (Appendix A, pages 7-15)

Based on the data compiled by this office, there are over 50,000 animals used each year in experiments and tests conducted in the City of Cambridge. Over ninety-nine percent (99%) of these animals are mammals. Most commonly used are mice and rats. However, many species of animals are used, including numerous dogs, cats, primates, rabbits and guinea pigs. These estimates are based on seven laboratories.

1. M.I.T., Division of Comparative Medicine
2. Harvard University (not including Medical School)
3. SISA Inc.
4. Arthur D. Little Inc.
5. Cambridge Research Laboratories
6. Repligen Corporation
7. Cambridge Diagnostics

Of the 50,000 animals the experimenters reported that approximately 16,000 animals were involved in procedures which involved pain or distress. (See Appendix A, Columns D). It is further claimed by the experimenters that in such cases anesthetic, analgesic or tranquilizer drugs were administered. However, some concerned citizens have reported to this office that the animals are not monitored on a round-the-clock basis for signs of pain or stress after invasive procedures. It remains open to question whether any analgesic drugs are administered on a continuing basis, in particular, after regular working hours.

III. LETHAL DOSE-50 (LD50)

Listed in the Directory of Toxicology of Testing Institutions in the United States published by Texas Institute are three Cambridge laboratories involved in acute oral toxicity testing. They are: SISA Inc., Arthur D. Little, Inc., and Cambridge Diagnostics.

The classic procedure of this type is the "Lethal-Dose 50" (LD-50) test which involves the forcible administration of a substance (no matter how mild or toxic) until 50 percent of the animals involved are poisoned to death. The LD-50 test is one of the most painful procedures ever devised.

It has not been possible for the Animal Commission to obtain the protocols of the tests and experiments conducted in the City of Cambridge because the most commonly used animals are mice and rats. These animals are exempted from the Animal Welfare Act. Therefore, a laboratory would not be required to register with the USDA.

However, the Animal Commission has obtained some information about federally-funded projects under the Freedom of Information Act. Such projects are typically carried out by the academic laboratories. (See Apendix B, pages 16-18). Common procedures include damaging the brains of mammals; electric shock; injection of steriods, hormones and drugs; and sensory deprivation. For example, in one study animals have been blinded for the last six years, exposed to continuous light and darkness, and subjected to brain lesions to determine "if the pineal gland secretes certain hormones."

The only current legal regulations are concerned with housing and care of animals and are enforced by the USDA under the authority provided by the Animal Welfare Act. These regulations do not concern the experimental procedures themselves, and do not set standards requiring the justification of painful procedures. The Department of Agriculture has also exempted from consideration numerous species such as mice, rats, birds and any farm animal. Furthermore, the Department of Agriculture has informed

us that they believe cruelty to animals is a long established local issue and therefore the regulation of experiments should fall under local regulations. Consequently, the federal government is trying to eliminate its current minimal role in regulating some of the conditions for some kinds of animals.

In the past, the Department of Agriculture's Inspectors have found some deficiencies in the smaller labs in Cambridge. It is not clear if these deficiencies represent the true extent of any mistreatment. For one, the Department has stated that it lacks the manpower to enforce any regulations fully. For another, the Department has exempted a number of species (as mentioned earlier). And finally, evidence of abuse has surfaced in the laboratories after labs have been inspected and found satisfactory by the USDA inspectors. In several cases, such evidence was obtained from illegal break-ins by concerned citizens. Two such laboratories (The City of Hope in California, and the University of Pennsylvania Head Injury Laboratory) were subsequently closed by the Secretary of Health and Human Services Margaret Heckler under pressure generated by the illegally obtained evidence.

IV. SUMMARY

Under the current City Ordinances the Animal Commission is unable to obtain objective, independent and corroborated evidence on the condition of laboratory animals in Cambridge. The overall conditions, magnitude, and type of experimental procedures conducted raise the concerns of the Animal Commission.

We therefore recommend that steps to insure ^{against} ~~that~~ mis-treatment of animals in this controlled environment be taken.

This could be achieved in a number of ways:

1. A Citizen Advisory Board
2. Periodic Inspections by the Massachusetts Society for the Prevention of Cruelty to Animals (MSPCA)
3. Periodic Inspections by Members of the Animal Commission
4. An Animal Advocate as a Board Member on Review Committees
5. Periodic Reports Submitted to the Animal Commission by Laboratories

APPENDIX A

ANNUAL REPORT OF RESEARCH FACILITY
*(Required For Each Reporting Facility Where Animals Are Held
 And An Attending Veterinarian Has Responsibility)*

1. DATE OF REPORT 11/15/84	FORM APPROVED OMB NO. 0579-0036
2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as regu- lered with USDA, include Zip Code)	
Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139	

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.

Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-18
4. REPORTING FACILITY (Name and Address, include Zip Code)
Division of Comparative Medicine 37 Vassar Street, Room 45-106 Cambridge, MA 02139

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
5. Dogs	19	0	19		19
6. Cats	113	50	63		113
7. Guinea Pigs	1,026	626	400		1,026
8. Hamsters	30	30			30
9. Rabbits	309	200	109		309
10. Primates	23	8	15		23
11. Rats	10,333	3,333	7,000		10,333
12. Mice	13,361	5,231	8,130		13,361
13. Wild Animals (specify) Frogs	78	18	60		78
14. Chickens Sheep	120 8	120 0	0 8		120 8
15. Ferrets	165	0	165		165

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN <i>Thomas E. Lawner, VMD</i>	17. TITLE Associate Director - DCU	18. DATE SIGNED 11/19/84
19. SIGNATURE OF COMMITTEE CHAIRPERSON <i>James S. J. Don</i>	20. TITLE Professor & Director	21. DATE SIGNED 11/14/84
22. SIGNATURE OF COMMITTEE MEMBER <i>Paul Van Aken</i>	23. TITLE Associate Director, OSP	24. DATE SIGNED 11-22-84

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL <i>Q. D. [Signature]</i>	26. TITLE Director, Office of Sponsored Programs	27. DATE SIGNED 11/21/84
---	---	-----------------------------

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

2 rules
MCS

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES

1. DATE OF REPORT
November 27, 1984

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as registered with USDA, include Zip Code)

Harvard University
Medical School
25 Shattuck Street
Boston, Mass. 02115

17/11/84

ANNUAL REPORT OF RESEARCH FACILITY
(Required For Each Reporting Facility Where Animals Are Held
And An Attending Veterinarian Has Responsibility)

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.
Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-19

4. REPORTING FACILITY (Name and Address, include Zip Code)

Harvard Medical School
Harvard School of Public Health
Harvard Dental School

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach brief explanation)	F. TOTAL NO. Of Animals (Cols. B + C + D + E)
5. Dogs	1576	0	1605		1605
6. Cats	72	0	119		119
7. Guinea Pigs	1418	1209 1219	212		1421
8. Hamsters	3700	3642 3772	0		3642
9. Rabbits	1033	853 981	126		979
10. Primates	308	0 2	225		225
11. Rats	12226	1251	11512		12763 13837
12. Mice	141257		103484		103484 103960
13. Gerbils (specify)	453	453 533	0		453
14. Mink	23	0	53 23		23
Ferrets	11	0	16		16
15. Prairie Dogs	0	0	14		14

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN Dr. Ronald D. Hunt <i>Ronald D. Hunt</i>	17. TITLE Professor Comp. Pathology DVM Veterinarian	18. DATE SIGNED 11/27/84
19. SIGNATURE OF COMMITTEE MEMBER Dr. John R. David <i>J.R. David</i>	20. TITLE Professor of Medicine Chairman, Animal Committee	21. DATE SIGNED 11/27/84
22. SIGNATURE OF COMMITTEE MEMBER Dr. Arthur L. Lage <i>Arthur L. Lage, DVM</i>	23. TITLE Assistant Prof. Vet. Med. DVM Member, Animal Committee	24. DATE SIGNED 11/27/84

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL David Gray <i>David Gray</i>	26. TITLE Dean For Management and Administration	27. DATE SIGNED 11/28/84
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is required by law (7 USC 2143). Failure to report...
 in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

UNITED STATES DEPARTMENT OF AGRICULTURE
 ANIMAL AND PLANT HEALTH INSPECTION SERVICE
 VETERINARY SERVICES

1. DATE OF REPORT 11/19/84	FORM APPROVED OMB NO. 0579-0036
2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as registered with USDA, include Zip Code) Harvard University Faculty of Arts & Sciences University Hall Cambridge, MA 02138	

ANNUAL REPORT OF RESEARCH FACILITY
 (Required For Each Reporting Facility Where Animals Are Held
 And An Attending Veterinarian Has Responsibility)

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your headquarters Facility. Attach additional sheets if necessary.
 Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-19
4. REPORTING FACILITY (Name and Address, include Zip Code) Harvard University Faculty of Arts & Sciences 16 Divinity Avenue Cambridge, MA 02138

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
1. Dogs	0	0			0
2. Cats	0	0			0
3. Guinea Pigs	10	10			10
4. Hamsters	130	130			130
5. Rabbits	128	128			128
6. Primates	2	2			2
7. Rats	1,074	1,074			1,074
Mice	376	376			376
Wild Animals (specify) See Page 2.					

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

(We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

6. SIGNATURE OF ATTENDING VETERINARIAN <i>William L. Jones</i>	17. TITLE Assoc. Director Vet. Services	18. DATE SIGNED 11/27/84
7. SIGNATURE OF COMMITTEE CHAIRPERSON <i>[Signature]</i>	20. TITLE Professor of Biology	21. DATE SIGNED 11/27/84
8. SIGNATURE OF COMMITTEE MEMBER <i>[Signature]</i>	23. TITLE Manager of F.A.S. Research Animal Facilities	24. DATE SIGNED 11/27/84

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I hereby certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

15. SIGNATURE OF RESPONSIBLE OFFICIAL <i>C. Richard Taylor</i>	26. TITLE Chairman, Study Committee on Use of Animals in Research	27. DATE SIGNED 11/27/84
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Date: 11/20/11

14-19

Continuation of Animals Covered by Act
(Harvard University - Faculty of Arts and Sciences)

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without adminis- tration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
Foxes	4	4			4
Ostriches	1	1			1
Goats	8	8			8
Wallabies	2	2			2
Kangaroos	1	1			1
Prairie Dogs	4	4			4
Hyraxes	2	2			2
Geese	4	4			4
Llamas	4	4			4
Turkeys	4	4			4
Quail	4	4			4
Monitor lizards	2	2			2
Opossum	3	3			3
Ground squirrels	45	45			45

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES

1. DATE OF REPORT
November 28, 1984

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(Required For Each Reporting Facility Where Animals Are Held
And An Attending Veterinarian Has Responsibility)

2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as regulated with USDA, include Zip Code)

Arthur D. Little, Inc.
Acorn Park
Cambridge, MA 02140

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.

Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-5

4. REPORTING FACILITY (Name and Address, include Zip Code)

Arthur D. Little, Inc.
134 Main Street and 38 Memorial Drive
Cambridge, MA 02142

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
5. Dogs	0 new 2*	0	0	0	0
6. Cats	0	0	0	0	0
7. Guinea Pigs	0	0	0	0	0
8. Hamsters	478	454	24	0	478
9. Rabbits	428	373	55	0	428
10. Primates	0 new 4**	0	0	0	0
11. Rats (exempt)	0	0	0	0	0
12. Mice (exempt)	0	0	0	0	0
13. Wild Animals (specify) sheep	23	20	3	0	23
14.	*Two dogs maintained from previous year on hand. Six additional unused dogs transferred to M.I.T.				
15.	**Three rhesus, one cyno maintained from last year on hand.				

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN <i>James G. Fox, DVM</i> James G. Fox, DVM	17. TITLE Consulting Veterinarian	18. DATE SIGNED 11/28/84
19. SIGNATURE OF COMMITTEE CHAIRPERSON <i>Jacob J. Clement, Ph.D.</i> Jacob J. Clement, Ph.D.	20. TITLE Chairman, Animal Research Committee	21. DATE SIGNED 11/28/84
22. SIGNATURE OF COMMITTEE MEMBER <i>Andrew Sivak, Ph.D.</i> Andrew Sivak, Ph.D.	23. TITLE Vice President, Biomedical Research and Technology Section	24. DATE SIGNED 11/28/84

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL <i>Charles J. Kensler, Ph.D.</i> Charles J. Kensler, Ph.D.	26. TITLE Sr. Vice President, Professional Operations	27. DATE SIGNED 11/28/84
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11/19/84

1. DATE OF REPORT

2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as registered with USDA, include Zip Code)
USDA
424 Trapelo Road
Waltham, MA 02154

ANNUAL REPORT OF RESEARCH FACILITY
(Required For Each Reporting Facility Where Animals Are Held
And An Attending Veterinarian Has Responsibility)

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.
Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-A-84-588

4. REPORTING FACILITY (Name and Address, include Zip Code)

Cambridge Diagnostics
359 Allston Street
Cambridge, MA 02139

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
5. Dogs	0	0	0	0	0
6. Cats	0	0	0	0	0
7. Guinea Pigs	0	0	0	0	0
8. Hamsters	3981	3357	624	0	0
9. Rabbits	0	0	0	0	0
10. Primates	0	0	0	0	0
11. Rats	0	0	0	0	0
12. Mice	0	0	0	0	0
13. Wild Animals (specify)	0	0	0	0	0
14.					
15.					

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN <i>Michael Bernstein</i> Dr. Michael Bernstein	17. TITLE Veterinarian in Charge	18. DATE SIGNED 11/21/84
19. SIGNATURE OF COMMITTEE CHAIRPERSON <i>Laxman S. Desai</i> Dr. Laxman S. Desai	20. TITLE President	21. DATE SIGNED 11/21/84
22. SIGNATURE OF COMMITTEE MEMBER <i>Henry Gagnon</i> Mr. Henry Gagnon	23. TITLE Animal Supervisor	24. DATE SIGNED 11/21/84

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL <i>Laxman S. Desai</i> Dr. Laxman Desai	26. TITLE Director	27. DATE SIGNED 11/21/84
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This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES

ANNUAL REPORT OF RESEARCH FACILITY
(Required For Each Reporting Facility Where Animals Are Held
And An Attending Veterinarian Has Responsibility)

1. DATE OF REPORT November 6, 1984	FORM APPROVED OMB NO. 0579-0036
2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as registered with USDA, include Zip Code) Cambridge Research Laboratory Ortho Diagnostic Systems, Inc. 195 Albany Street Cambridge, MA 02139	

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.
Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-103
4. REPORTING FACILITY (Name and Address, include Zip Code) Cambridge Research Laboratory 195 Albany Street Cambridge, MA 02139

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
5. Dogs	0	0	0	0	0
6. Cats	0	0	0	0	0
7. Guinea Pigs	50	50	0	0	50
8. Hamsters	0	0	0	0	0
9. Rabbits	0	10	0	0	10
10. Primates	0	0	0	0	0
11. Rats		Laboratory Breeds only		0	0
12. Mice		Laboratory Breeds only		0	0
13. Wild Animals (specify)	0	0	0	0	0
14.					
15.					

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN <i>James G. Fox</i> James G. Fox, D.V.M.	17. TITLE Consulting Veterinarian	18. DATE SIGNED 11-14-84
19. SIGNATURE OF COMMITTEE CHAIRPERSON <i>Ronald J. Casciato</i> Ronald J. Casciato	20. TITLE Ph.D. Director of Operations	21. DATE SIGNED
22. SIGNATURE OF COMMITTEE MEMBER <i>Janet M. Cerundolo</i> Janet M. Cerundolo	23. TITLE Manager, Research Support	24. DATE SIGNED

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL <i>Louis A. Kamensky</i> Louis A. Kamensky, Ph.D.	26. TITLE Director, Cambridge Research Laboratory	27. DATE SIGNED 11/17/84
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1112

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES

1. DATE OF REPORT
November 26, 1984

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(Required For Each Reporting Facility Where Animals Are Held
And An Attending Veterinarian Has Responsibility)

Repligen Corporation
101 Binney St.
Cambridge MA 02142

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.
Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO. 14-99

4. REPORTING FACILITY (Name and Address, include Zip Code)
Repligen Corporation
101 Binney St.
Cambridge, MA 02142

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without adminis- tration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
5. Dogs	0	0	0	0	0
6. Cats	0	0	0	0	0
7. Guinea Pigs	0	0	0	0	0
8. Hamsters	0	0	0	0	0
9. Rabbits	21	24	0	0	24
10. Primates	0	0	0	0	0
11. Rats	0	0	0	0	0
12. Mice	0	0	0	0	0
13. Wild Animals (specify)	0	0	0	0	0
14.					
15.					

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN S.M. Niemi <i>S.M. Niemi</i>	17. TITLE D.V.M., Consulting Veterinarian	18. DATE SIGNED 11/27/84
19. SIGNATURE OF COMMITTEE CHAIRPERSON	20. TITLE	21. DATE SIGNED
22. SIGNATURE OF COMMITTEE MEMBER	23. TITLE	24. DATE SIGNED

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL <i>V. Atryzek</i> V. Atryzek	26. TITLE Manager, R.D. Operations	27. DATE SIGNED <i>11/27/84</i>
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UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES

1. DATE OF REPORT

October 31, 1984

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name & Address, as registered with USDA, include Zip Code)

SISA PHARMACEUTICAL LABORATORIES, INC.
763D CONCORD AVENUE
CAMBRIDGE, MA 02138
NOW DBA - PARS PHARMACEUTICAL LAB.

ANNUAL REPORT OF RESEARCH FACILITY
(Required For Each Reporting Facility Where Animals Are Held
And An Attending Veterinarian Has Responsibility)

INSTRUCTIONS

Reporting Facility - complete items 1 through 24 and submit to your Headquarters Facility. Attach additional sheets if necessary.

Headquarters Facility - complete items 25 through 27 and submit on or before December 1 of each year for the preceding Federal fiscal year (October 1, to September 30) to the Veterinarian in Charge for the State where the research facility headquarters is registered.

3. REGISTRATION NO.

14-8

4. REPORTING FACILITY (Name and Address, include Zip Code)

SAME AS ABOVE

REPORT OF ANIMALS USED IN ACTUAL RESEARCH, TESTING, OR EXPERIMENTATION - Section 2.28 of Animal Welfare Regulations requires appropriate use of anesthetics, analgesics, and tranquilizing drugs during research, testing, or experimentation. Experiments involving pain or distress without use of these drugs must be reported and a brief statement explaining the research.

A. Animals Covered By Act	B. New Animals Added this Year	C. Number of animals used in research, experiments, or tests involving no pain or distress.	D. Number of animals used in research, experiments, or tests where appropriate anesthetic, analgesic, or tranquilizer drugs were administered to avoid pain or distress.	E. Number of animals used in research, experiments, or tests involving pain or distress without administration of appropriate anesthetic, analgesic, or tranquilizer drugs. (Attach detailed explanation)	F. TOTAL NO. Of Animals (Cols. C + D + E)
5. Dogs	0	0	0	0	0
6. Cats	0	0	0	0	0
7. Guinea Pigs	0	0	0	0	0
8. Hamsters	0	0	0	0	0
9. Rabbits	84	0	84	0	84
10. Primates	0	0	0	0	0
11. Rats	399	399	0	0	399
12. Mice	1478	1478	0	0	1478
13. Wild Animals (specify)	0	0	0	0	0
14.	0	0	0	0	0
15.	0	0	0	0	0

CERTIFICATION BY ATTENDING VETERINARIAN FOR REPORTING FACILITY OR INSTITUTIONAL COMMITTEE

I (We) hereby certify that the type and amount of analgesic, anesthetic, and tranquilizing drugs used on animals during actual research, testing or experimentation including post-operative and post-procedural care was deemed appropriate to relieve pain and distress for the subject animal.

16. SIGNATURE OF ATTENDING VETERINARIAN <i>James B. Fox, DVM</i>	17. TITLE <i>Consulting Veterinarian</i>	18. DATE SIGNED <i>11/6/84</i>
19. SIGNATURE OF COMMITTEE CHAIRPERSON <i>Ellen M. Ewing</i>	20. TITLE <i>Director, Pharmacology</i>	21. DATE SIGNED <i>11/5/84</i>
22. SIGNATURE OF COMMITTEE MEMBER <i>Louise R. Prael</i>	23. TITLE <i>Director, Animal Welfare</i>	24. DATE SIGNED <i>11/6/84</i>

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

I certify that the above is true, correct, and complete and that professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, during actual research, testing, or experimentation including post-operative and post-procedural care are being followed by the above research facilities or sites (7 U.S.C. Section 2143).

25. SIGNATURE OF RESPONSIBLE OFFICIAL <i>Karen D. Voss</i>	26. TITLE <i>C.E.O.</i>	27. DATE SIGNED <i>11/8/84</i>
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APPENDIX B

Baltimore Johns Hopkins Univ.
Joseph T. Coyle
R01MH26654-08
RATS
Dollars not shown

"Psychotropic drugs developing dopamine neurons."
To see the effect on brain pathways of lesions in the fetal brain made by injecting a chemical into pregnant animals.



Harvard Univ.
Roger T. Kelleher
2P51RR00168-23
PRIMATES
\$101,792

"Behavioral biology."
To study human health problems using primate models. Breeding primates for research.

Johns Hopkins Univ.
David S. Olton
R01MH24213-09
RATS
Dollars not shown

"Adaptive behavior and limbic function."
To test the hypothesis that only the hippocampus affects "working" memory as opposed to "reference" memory, using surgical methods to induce lesions and implant electrodes.



Harvard Univ.
Roger T. Kelleher
5R01MH07658-19
MONKEYS
Dollars not shown

"Drug effects on behavior controlled by noxious stimuli."
To control behavior through shock, drugs and "other noxious stimuli."

Northeastern Univ.
Michael Terman
R01MH27442-06
RATS
Dollars not shown

"Behavioral analysis of circadian sensory oscillations"
To study variations in response to visual and auditory stimuli, and the effect of experimentally produced lesions in areas of the brain that may control motor activity.

MASSACHUSETTS

Belmont McLean Hospital,
Div. of Mass General
5R01MH34079-05
MICE
\$119,601

"Quantitative neurocytology in neuropsychiatric disorders."
To determine changes in brain cells that occur as a result of "a variety of pathological insults."

Cambridge

Mass. Inst. of Tech.
Michael J. Baum
5K02MH00392-03
FERRETS, RATS
Dollars not shown

"Behavioral effects of sex steroids."
Various sex hormones are given soon after birth to determine the time that these hormones will produce changes in sexual behavior.

Boston Boston Univ.
Conan Kornetsky
1K05DA00099-01
RATS
\$57,397

"Brain stimulation models of drug abuse."
To train students in the effects of abused drugs (morphine, marijuana, amphetamines, etc.) using electrical stimulation of the brain as both reward and "aversive stimuli."



Mass. Inst. of Tech.
Richard J. Wurtman
R01MH28783-07
MICE, RATS
Dollars not shown

"Psychopharmacological effects of exogenous choline."
To explore the effect of choline and lecithin on behavior, and their interaction with other drugs.



Harvard Univ.
J. Allan Hobson
R01MH13923-16
CATS
Dollars not shown

"Neural mechanisms of sleep cycle control."
To investigate how the central nervous system controls the sleep cycle, by dripping various substances directly into cats' brains, and recording changes using implanted electrodes.

Medford

Tufts Univ.
Klaus A. Miczek
R01DA02632-05
RATS, MICE,
MONKEYS
Dollars not shown

"Psychomotor stimulants and aggression."
The effect of cocaine, amphetamines, alcohol & other drugs on aggressive behavior, & counteracting the effects of those drugs with other drugs such as chlorpromazine.

Bedford Boston Univ.
Deepak N. Pandya
2R01NS16841-04
MONKEYS
\$110,706

"Organization of the cerebral cortex."
Studies structural connections of nerve fibers in various regions of brain in attempt to determine how brain is organized. Method requires electrodes, injections of tracer dyes, and surgical destruction of brain cells.

Waltham Eunice Kennedy
Shriver Ctr. Mtl.
James E. Crandall
1R23NS20213-01
MICE
\$51,674

"Ontogeny of thalamocortical modules."
Study of embryonic development of connections between upper and lower parts of brain in normal and abnormal (mutant) mice. Sections of brain removed for chemical analysis.

Cambridge M.I.T.
Richard M. Held
5P30EY02621-07
UNSPECIFIED
ANIMALS
Award not available

"Central visual processes."
As part of a larger project, unspecified animals are used to study brain damage and eye disorders using electrophysiological readings of evoked potentials.

MICHIGAN
Detroit

Wayne Univ.
Richard R. Gala
5R01HD14671-03
RATS
\$78,860

"Regulation of prolactin biorhythms."
Surgically created brain lesions, and hysterectomies are performed to determine the sexual-hormonal body rhythms of female rats.

M.I.T.
Richard A. North
5R01AM32979-04
GUINEA PIGS
\$133,064

"Single neuron activity."
In order to study structure and function of intestines, "recordings" are made from animals' small intestinal nerve cells.

Wayne Univ.
Harry G. Goshgarian
5R01NS14705-06
RATS
\$55,493

"Functional plasticity in the spinal cord."
In order to see if recovery is possible after certain spinal cord injury, rats' spinal cords are cut and crushed and subsequently paralyzed. Their brains are studied by embedding electrodes.

M.I.T.
Richard J. Wurtman
5R01HD11722-06
RATS, CATTLE
\$178,290

"Control of arginine vasotocin and melatonin secretion."
Animals are blinded, exposed to continuous light and darkness, and subjected to brain lesions to determine if pineal gland secretes certain hormones.

East
Lansing

Michigan Univ.
Lynwood G. Clemens
5R01HD06760-13
RATS, HAMSTERS
\$141,788

"Neural control of sexual behavior."
Electrical stimulation of the brain and removal of brain tissue, to examine hormonal influence on female reproductive system.

Shrewsbury Worcester Foundation for Exper. Bio.
James W. McKearney
5R01MH18421-15
MONKEYS, RATS
\$160,743

"Drug effects on behavior maintained by aversive events."
Studies effects of long term treatment with anti-depressant drugs on behavior and brain chemistry. Method unclear but "aversive events" and "noxious stimuli" are used.

Brigham and Women's Hospital
Robert A. Kloner
5R01HL28048-03
RATS, DOGS
\$107,194

"Determinants of healing phase of myocardial infarction."
To study healing stages of heart disease, animals are subjected to heart injury and are made to exercise.

Brigham and Women's Hospital
John A. Mannick
5R01GM26016-06
MICE, RABBITS
\$225,293

"Immunologic studies of patients after traumatic injury."
To study immunological system after effects of trauma and burns, animals are burned, traumatized.

Brigham and Women's Hospital
Robert J. Smith
5P50GM29327-03
DOGS
\$71,414

"Molecular regulation of skeletal muscle catabolism."
To study effects of nutrition on healing, animals receive unspecified injuries.

Brigham and Women's Hospital
Douglas W. Wilmore
5P50GM29327-03
DOGS
\$71,414

"Fuel oxidation and storage during parenteral nutrition in trauma."
To study effects of nutrition and hormones after trauma and shock, animals receive unspecified trauma, and are made to exercise.

Brigham and Women's Hospital
Douglas W. Wilmore
5P50GM29327-03
DOGS, SHEEP
\$71,414

"Trauma — regulators and modulator of the catabolic state."
Breeding animals for previously mentioned experiment.

Eye Research Institute of Retina Fdn.
Bireswar Chakrabarti
5R01EY04161-02
CATTLE
\$143,898

"Lens proteins - changes due to cataractogenic agents."
To study development of cataracts, animals receive eye injuries and treatment.

Cambridge



Eye Research Institute of Retina Fdn.
Charles Cintron
5R01EY01199-11
RABBITS
\$170,899

"Corneal wound healing."
To study wound healing, using fetal and healing corneas.

Massachusetts Inst. of Technology
Ioannis V. Yannas
5R01GM23946-08
CATTLE,
GUINEA PIGS
\$174,638

"Design and evaluation of an artificial skin."
To develop techniques in engineering a genetically based artificial skin, animals are burned and skin is transplanted.



Harvard Univ.
J. Allan Hobson
5R01MH13923-17
CATS
\$107,197

"Neural mechanisms of sleep cycle control."
Electrode recording and drug injections into the brain to determine if there is a central control system which regulates dreaming and sleep.



Harvard Univ.
William H. Morse
5R01MH07658-22
MONKEYS
\$156,110

"Drug action on behavior controlled by noxious stimuli."
Effects of various drugs on behavior which is controlled by unspecified "noxious stimuli," including shock.



Harvard Univ.
Susumu Ito
5R01AM30303-03
GUINEA PIGS,
SWINE
\$199,915

"Mechanisms of injury and rapid repair of gastric mucosa."
To study gastric ulcer formation, animals have their intestines removed to be studied in the laboratory.



Harvard Univ.
Morris J. Karnovsky
2R01HL17747-10
RATS
\$307,567

"Endothelial injury and regeneration."
To study wound healing, using diet, microsurgery and study of the blood vessels.



Harvard Univ.
Roger D. Spealman
R01DA02658-04
MONKEYS, RATS

"Behavioral action of nicotine."
Following injection of nicotine and other drugs, electric shock and food deprivation are applied to study behavior.



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Department of
Agriculture

Animal and
Plant Health
Inspection
Service

Federal Bldg.
Hyattsville, MD
20782

JUL 31 1985

Mr. Stephen B. Ronan
10 Marguerite Terrace
Waltham, Massachusetts 02154

Dear Mr. Ronan:

Thank you for your letter to President Reagan concerning the budget proposal for the animal welfare program in Fiscal Year 1986.

We share your concern for the welfare of animals and have been involved for many years in helping to ensure their humane care and treatment. During this time, we have worked closely with law enforcement officials, who administer State and local statutes on animal welfare, and with humane organizations. Because of the need to reduce the Federal spending and because animal welfare concerns can best be handled at the local level, we believe that these groups should now assume responsibility for animal welfare activities.

Sincerely,

R. L. Rissler
Assistant Director
Animal Health Programs
Veterinary Services

October 31, 1985

Mayor Francis Duehay
City of Cambridge
795 Massachusetts Avenue
Cambridge, MA 02139

Déar Mayor Duehay:

On behalf of the Massachusetts Society for the Prevention of Cruelty to Animals, I would like to commend the Cambridge City Council for passage of a resolution which acknowledges the potential for the abuse of animals in laboratories, and calls for a report on the status of animal research in your City. This action not only represents a gesture of sincere concern for the welfare of animals in laboratories throughout your community, it also serves as a precedent for appropriate involvement on the part of local government in defining the ethical boundaries of laboratory animal use.

We have reviewed the report, "Laboratories Conducting Experiments on Live Animals in Cambridge, Massachusetts" (August, 1985) and support its summary recommendations calling for:

1. the establishment of a Citizens Advisory Board on the use of animals in laboratories;
2. regular inspection of laboratories by the MSPCA and representatives of the Animal Commission;

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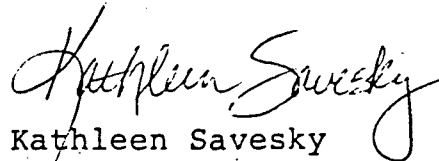


3. the appointment of animal advocates to review committees at research institutions; and
4. submission of periodic reports by laboratories to the Animal Commission and Citizens Advisory Board.

Although current state law allows for the inspection of laboratories which utilize dogs and cats by the MSPCA and the Animal Rescue League of Boston, our mandate under existing law is considerably narrower than that which would be established by the enactment of these recommendations. The addition of an animal advocate on institutional review committees that deal with research protocols as well as animal care practices will greatly enhance our ability to more adequately evaluate the conditions under which animals are used and kept in laboratories.

Consequently, we urge the City of Cambridge to adopt the recommendations contained in the above-mentioned report. To assist in implementation of these recommendations, the MSPCA is available to provide guidelines for and screening of candidates for the animal advocate positions. In the meantime, if the MSPCA can be of assistance during your deliberation, please contact me.

Sincerely,

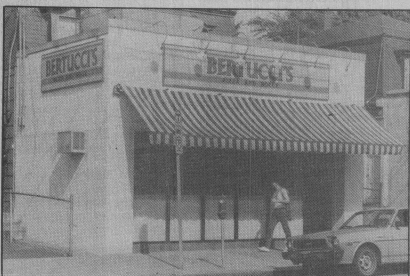


Kathleen Savesky
Vice President
Humane Services Division

KS/pml

Restaurants

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RATINGS: (★★★★★ exceptional, ★★★★ excellent, ★★★ good, ★★ fair, ★ poor.) Grades reflect the reviewer's judgment of the establishment's food, service and atmosphere based on one or more anonymous visits.

By George Donnelly
Staff writer

"If you're going to an Italian place, you'd better take me along," she teased. "You can't be entirely trusted."

Intimidated by that snipe at my ethnic background, I gave in and even recruited another Italian connoisseur to lend more authenticity to my findings at Bertucci's, the original Somerville pizza place with restaurants in Cambridge, Brookline and other suburban locations.

One obvious discovery about Bertucci's is you don't need to be anything but remotely hungry to appreciate what they create — the most unusual and possibly best pizza in the area. Its themes are freshness, quality and Italian, in every combination you can imagine.

It helps, though, to have some experts along to articulate the flavors and to point out the exceptional and not so wonderful. It also helps to have the Italian women along to make fun of the nouveau bocce players using the downstairs pit like a bowling alley.

After a good wait by the hot brick oven upstairs, where nearby all the fresh ingredients sat open to inspection, we were directed to a table downstairs by the end of the bocce pit and studied the menu as balls ricocheted off each other.

"I knew a guy in Jersey who built one of those things in his back yard. Chances are he played a little better than those clowns," she commented, nodding toward the foursome in the pit. Bang! knocking the balls. "I guess there's nothing wrong with building up an appetite," another said.

But soon we were distracted by the antipasto (\$5.75), a healthy sampling of tuna, prosciutto, black olives, tomato and mozzarella salad, chicken pesto, roasted peppers, marinated artichoke hearts, with fontinella cheese on a bed of lettuce dressed with olive oil. Everything in it was terrific. I was informed, as I chewed greedily. And the olives brought back memories.

"We used to have black olives on holidays. My mother used to put them on the salad at the last minute — otherwise we'd snatch them. We used to put them on the ends of our fingers."

I had no recollections of olives to share except for the green ones in my father's martinis, but it wasn't long before our pies arrived. The Rustica (\$5.50 for a small; \$9.95 for a large) was topped with roasted peppers, pepperoni, fresh tomato slices and the multi-purpose black olives, and proved to be an excellent combination. Praises for the roasted peppers were sung: "Mnnnn, that pepper is really good. They really make the difference."

About the Florentine (\$5.50 and \$10.50) — sliced tomatoes, imported prosciutto, mozzarella and oregano — it was said, "You won't find this in any other pizza place in Boston."

"Yeah, they're not afraid to use the oregano."

We tried the Romano, too, (\$4.95 and \$8.95) which was billed a "vegetable" pizza with white mushrooms, sauteed onions, green peppers and mozzarella. The mushrooms were fresh and the dough, it was remarked, was "nice and light."

These were just a few of the combinations Bertucci's offers. You can get pizza with eggplant (the "Melanzana"), broccoli florets (the "Primavera"), sweet Italian sausages (the "Panino") and the "Sporkie" and even a pizza that comes in four segments, the "Quattro Stagioni," which is divided by sections of artichoke hearts, mushrooms, prosciutto and sweet peppers. There is also thick pizza, including the triple cheese covered "Focaccia Bertucci."

I was told to say that if you follow your tastes you can't go wrong.

After a long fight, the Somerville Bertucci's won a battle for a beer and wine license. They offer beer by the glass or pitcher and wine by the glass or carafe. There were no drunkslobbering on the floors of the restaurant as those opposed to the license seemed to fear.

Unfortunately, the Somerville Bertucci's is too small to offer the menu it has in its other locations, where you can get pasta.

My friends, however, were not to be denied their espresso and cappuccino, so it was off to the much more spacious Cambridge location where those specialties are offered. It was generally agreed that both coffees were too strong and not worth making the trip. A man in a ponytail was playing bocce when we got there. And our waitress tried her best to pretend we weren't there.

But at least I was told the truth: "Do you know St. Patrick was Italian?"



AMINA CLAUDINE MYERS, a keyboard player and vocalist whose improvising has a vibrant gospel flavor even at its most experimental, returns to Cambridge this weekend at Charlie's Tap, 280 Green St. Call 492-9723.

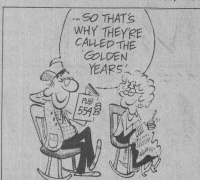
Harvard-Smithsonian Center invites public to program

The Harvard-Smithsonian Center for Astrophysics invites the public to attend a free program in popular astronomy on Thursday evening, September 18, at 8 pm, featuring a nontechnical lecture in astronomy, film, and telescopic observing, weather permitting.

The program begins at 8 pm with the lecture, "Cosmic Masers: Distance Markers in Space" by Dr. James Moran, a radio astronomer at the Center for Astrophysics. Following his talk, an astronomy film will be shown and the public will be invited to use the telescopes on the observatory roof, weather permitting.

Admission to the program is free and no tickets or advance reservations are required. Seating is limited and will be filled on a first-come basis. (Doors open at 7:30 pm.) All age groups are welcome to attend, however, the lecture is intended for adult and high-school-age audiences.

The lecture is held in the Phillips Auditorium of the Center for Astrophysics at 60 Garden St. The center is located about one mile west of Harvard Square and may be easily reached by public transportation. Parking is available.



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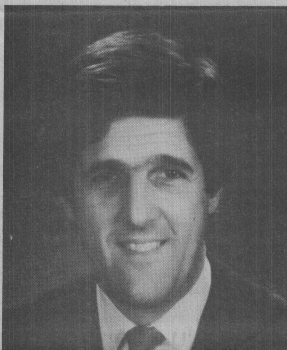
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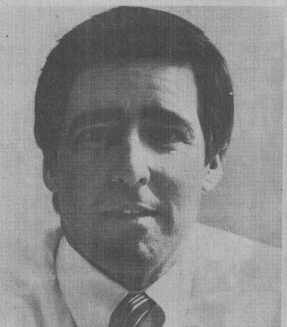
"If that is the kind of state senator you want, then I hope you'll give David Holway the support he deserves."



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"David is a good friend, a Cambridge neighbor, and a dedicated, hard-working individual committed to effective, efficient, but compassionate government . . . David also served as a member of my transition committee, where he demonstrated again to me his commitment to professional performance and fair and equal justice."



CHARLES FLAHERTY

MAJORITY LEADER, MASSACHUSETTS
HOUSE OF REPRESENTATIVES

"No other candidate brings the breadth of knowledge and experience to this campaign as David does. Indeed, I can think of no first-time candidate for the Legislature in my memory—including myself—who has been as qualified as David is, both in terms of personal ability and professional experience and knowledge."

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HOLWAY**
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Scouts set recruiting drive

The Cambridge Council, Boy Scouts of America, has announced plans for a fall recruiting program designed to attract new members into Tiger Cubs and the programs of Cub Scouting and Boy Scouting.

Council Commissioner Kenneth J. Simmons has developed a new recruiting program that will feature a Scouting Roundup to be held at the Cambridge Ring and Latin School Field House on Saturday, September 27. All boys between 7 and 14 are invited to join the program at that time.

Deputy City Clerk Joseph Connorton is serving as general chairman of the program that will feature displays on Cub Scouting and Boy Scouting and various activities that will present the fun and excitement of the Scouting programs. In recognition of the fall recruiting program McDonald's Restaurants will be presenting "Be Our Guest" certificates to those participating in the program. The certificate will be given to each member with a certificate to receive a free hamburger at any McDonald's. Connorton stated, "The new association between the Boy

Scouts of America and McDonald's marks the beginning of a mutual program to serve the youth of the community. It is expected that over 200 new members will join the Scouting program as part of the fall recruiting program."

Connorton is a member of the Cambridge Council BSA Executive Board and a life long resident of Cambridge. Active in many community programs he will work to develop the participation by the 50 Scouting units of Cambridge.

Parents of young boys interested in joining the Scouting program are urged to mark September 27 on their calendars. The recruiting day will be an excellent opportunity to join the Scouting programs and to receive all the information that will assist boys and parents in becoming involved in one of the oldest youth programs in the country.

Additional information on the program will be distributed in the form of a brochure beginning on September 22. The announcement of the honorary chairman who will be at the recruiting event will be made very shortly.

MCZ offers programs for children

Vacation is over but at the Harvard University Museums of Natural History the fun goes on.

Using games and projects as well as the magnificent museum collection From Aardvarks to Zebras; Mammals A to Z, the after school program (3:30 to 7:45 p.m.) will explore mammals of all kinds, their biology, behavior and diversity. The section for 6-8 year olds starts Wednesday, September 10, with an upper level program for 9-11 year olds starting Thursday, September 11. Both run for seven weeks.

Preschoolers (3 1/2 to 5 years) and

their parents will experience the people of Africa on an African safari Saturday mornings from 10:30 am to 12 noon. They will create an African animal habitat and make their own Liberian mask as they learn about the continent of Africa from east to west. There will be five classes starting September 20 with a break October 11th.

All programs require advance registration. Please call Harvard University Museums of Natural History, 465-2241, for more information.

Several local collegiate Scout groups will also perform during intermission. For additional information about the concert, call the Cambridge Community Center, 547-8811.

CCC parents set benefit gospel concert

The New Jersey Mass Choir will sing a Gospel Concert on Saturday, October 18, at 8 p.m. at Kresge Auditorium, MIT, 77 Massachusetts Ave.

This benefit concert is sponsored by the Parents Group of the Cambridge Community Center, a nonprofit, multi-purpose community center serving the needs of Cambridge children and adults through its after-school, adult and elder programs.

Tickets may be purchased at the

following locations: Skippy White's, 1783 Washington St., Boston; 1647 Blue Hill Ave., Mattapan; New Woods Bookstore, 186 Hampshire St., Cambridge and Cambridge Community Center, 5 Callender St.

Ticket prices are \$10 or \$12 at the door. There will be five classes of 85 children's tickets are available.

Several local collegiate Scout groups will also perform during intermission. For additional information about the concert, call the Cambridge Community Center, 547-8811.

Births

At Mount Auburn Hospital:

To Ellen (Hoadley) and Frederick W. Faller of Cambridge, a daughter, Rachel Constance, born June 24. Grandparents are Alan and Ruth Faller of Maryland and Roger and Joyce Hoadley of New York. Great grandparents are Mrs. Ethel Faller of West Roxbury, Harold and Rachel Freiler of New York, H. Orlo and Rita Hoadley of New York, and Charles and Janet Nichols also of New York.

To Theresa (Cyr) and Richard J. Audeus of Cambridge, a son, Scott, born August 17. Grandparents are Mrs. Blanche Audeus of Cambridge and Mr. and Mrs. Joseph H. Cyr of Cambridge. Great grandmother is Mrs. Alvina Cyr of Cambridge.

To Nancy (Boisvert) and Edward G. Sullivan H. of Cambridge, a son, Edward G. III, born August 9. Grandparents are Mr. and Mrs. Edward G. Sullivan of Brockton and Mr. and Mrs. Robert Boisvert of Maine. Great grandmother is Mrs. Antoinette Papaleo of Cambridge.

To Madeline J. MacFarland and Joseph Donahue of Cambridge, a son, Joseph R. Donahue, born August 8. Grandparents are Mildred and Carl MacFarland of Cambridge, Mrs. Anna Gray of South Boston and Mrs. Theresa Donahue of Dorchester. Great grandparents are Mr.

and Mrs. Josephine LaRocca of Florida.

To Carol R. (Johnson) and Jeffery Abernathy of Cambridge, a daughter, Taresha Danielle, born August 17. Grandparents are Mr. and Mrs. Bobby E. Jones of Tennessee and Mr. and Mrs. S. Johnson of Cambridge.

To Mr. and Mrs. Edward D. Porter of Medford, a daughter, Patricia Mary, born July 28. Grandparents are Mr. and Mrs. Donald Porter of Pennsylvania and Mr. and Mrs. William R. Paine of Cambridge.

To Mr. and Mrs. David M. Moura of Cambridge, a daughter, Kristin Ann, born July 22. Grandparents are Teresa Sonia of Saugus and Ronald Musto of Reading. Great grandfather is Samuel Musto of Florida.

To Mr. and Mrs. Roy P. Charles of West Cambridge, a son, Andrew Edward, born July 21. Grandparents are Mona Charles of Cambridge and Evelyn Linton of Cambridge.

To Mr. and Mrs. Leonard J. DiPietro of Arlington, a son, Leonard Joseph, born July 19. Grandparents are Mr. and Mrs. Joseph Battinelli of Arlington and Mr. and Mrs. Modestino DiPietro of Cambridge. Great grandparents are Adalgisa Volo of Cambridge, Elisa Battinelli of Somerville, Angela Iannacci of Cambridge and John Iannacci of Groton.

Youth job training is offered

Just-A-Start, a private, non-profit housing and community service corporation in Cambridge, is currently accepting applications from out-of-school youth, aged 16 to 21, for a six-month, youth training and employment program.

Funding for the sixth consecutive year from Employment Resources Inc. (ERI), has made 15 additional positions available in Just-A-Start's year-round program for youth living in Cambridge, Somerville, Watertown, Chelsea, Malden, Everett, and 14 other communities.

Youth accepted into the program

will participate in occupational skills training, vocational counseling, and GED preparation programs while providing housing rehabilitation and energy conservation services in Cambridge neighborhoods. To apply, contact Just-A-Start at 492-7900.

This summer, through ERI's Summer Youth Employment Program (SYEP), an additional 13 youths participated in Just-A-Start's summer training program. For the 10th summer, Just-A-Start served as a special project for the SYEP program providing special learning opportunities for youth aged 14-21.

Retirement housing forum set by BU

Boston University's Gerontology Center is sponsoring a two-day conference, "Housing for Retirement: The Emerging Market," September 18 and 19 at the Royal Sonesta Hotel in Cambridge. Registration begins at 2 p.m. on September 18.

A variety of speakers will make presentations on effective manage-

ment and market techniques. The conference will run until 2:30 p.m. on the 19. The \$145 registration includes all meals and materials; the deadline for registration is September 10. Special lodging rates are available at the Royal Sonesta Hotel for participants. For further information and registration, contact Sylvie Taylor at 353-5045.

Hospital sets talks on learning problems

"Learning Disabilities: Implications for the Classroom" will be presented by Youville Hospital on Saturday, October 25, at the Hyatt Regency Hotel in Cambridge from 8 am to 4 pm. Keynote speaker, Marcel Kinsbourne, M.D., coauthor of "Children's Learning and Attention Problems," will speak on "Learning Disabilities: State of the Art."

During the program, other featured speakers and topics include: Margaret Bauman, M.D., moderator; Martha Collette, Ph.D., "Learning Disabilities: Interventions at the Learning Site...Theoretical Implications for Behavior Management"; Deborah Fein, Ph.D., "Hemispheric Functioning"; Carole Greener, Ed.D., "Implications for Mathematics"; Thomas Karper, M.D., "The Anatomy of Dyslexia"; and Charlene Pehoski, O.T.R., R.P.T., "Implications for Motor Development."

This program is designed for

special education teachers, classroom teachers, pediatricians, school nurses, child psychologists, speech pathologists, nurse practitioners, occupational therapists, physical therapists, physicians and others working with children who have learning disabilities.

Registration fee is \$95, including luncheon. For more information, call or write to Youville Hospital, Health Education Department, 1575 Cambridge Street, Cambridge, Massachusetts, 02238, 876-4344, ext. 360.

Youville Hospital is a 305-bed hospital which provides intensive rehabilitation to the physically disabled and a full range of medical care to the chronically ill. In addition, Youville Hospital operates an outpatient rehabilitation department for children and adults, an outpatient pediatric clinic and the School of Practical Nursing.

Mayor's Cup tournament is planned

The 1986 Mayor's Cup Tournament will be held at Comeau Field located on Rindge Avenue on Saturday, September 13, and Sunday, September 14. The participants will be the first place teams from the four divisions.

Saturday: 10 am, North vs. East minors; 12 noon, Central vs. West minors; 2 pm, North vs. East majors; and 4 pm, Central vs. West majors.

Sunday: 1 pm, Minor finals; and 3:15 pm, Major finals.

Ruth League plans tryouts

Tryouts for the 1987 Cambridge Babe Ruth League season will be held on Saturday, September 20, at 9:30 am at Donnelly Field, and Sunday, September 21, at 12 noon at St. Peter's Field (hardball diamond).

Any youth between the ages of 13 to 15 in '87 interested in playing the 1987 season MUST tryout on one of these two dates. In case of rain tryouts will be held the following weekend.

Correction

In the caption to a photograph in the Aug. 28 issue of the Chronicle, depicting officials of Curtis Convenience food stores donating funds to restore the Fletcher School playground, the first name of Ralph D. Tedeschi was incorrectly given. The Chronicle regrets the error.

Cambridge
Emergency Numbers
Fire: 876-5800, Police: 911
City Hall: 498-9000
Legal Aid: 495-4408

Stoneham Fuel Co.
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50 gallons for \$45.00
SALE SERVICE INSTALLATIONS
(24 Hour Burner Service)
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PUBLIC NOTICE

The Ordinance Committee for the City of Cambridge will conduct a public hearing on Thursday, September 18, 1986 at 5:00 p.m. in the Sullivan Chambers, City Hall, Cambridge, Massachusetts to consider the proposed General Ordinance amendment entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge". All interested persons are requested to attend and be heard.

For the Committee,
Councillor William H. Walsh,
Chairman

The NEW SCHOOL of MUSIC

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Classes Include: The Toddler's Program, Eurythmics, Adult and Youth String Orchestras, Piano Course for Kindergarten and First Grade Students, Improvisation, Theory, Solfege, Chamber Ensembles, Jazz Ensemble and Jazz History, Wind Ensemble, String Quartet Workshop, From Violin to Viola, Dulcimer Group Class.

New School Community Chorus Music Therapy Program
OPEN HOUSE! Sunday, September 14, 2-5 p.m.
Registration now through September 15 for FALL TERM
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is pleased to announce offerings for 1986-1987
Tenth Anniversary Year!

Piano, Voice, Strings, Woodwinds, Suzuki, Guitar, Jazz, Organ, Folk Studies, Recorder.
The Royal Sonesta Hotel for participants. For further information and registration, contact Sylvie Taylor at 353-5045.

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REAL ESTATE WEEKLY
By Dan and Joetta Silvo
Century 21 Silvo Realty Associates
INVESTING IN REAL ESTATE
Many people who play the real estate investment game are doing very well. The potential for income, appreciation and tax savings makes investment property especially attractive.
Before you dive in, it's important to get professional advice. You may want to start with a personal financial advisor who can help you set your investment goals. Then your Realtor can help you select a competitively-priced property that meets these goals, and he can answer questions about why a particular property is a solid investment. What features would make it easy to rent? What kind of major maintenance expenses you likely to incur? What will your cash flow be, and how will the tax savings offset the bottom line? Is it in a neighborhood where property values are likely to increase or decrease, or will the prices remain relatively stable?
At Century 21 Silvo Realty Associates, our professional Realtors are especially knowledgeable about investment property. Please give us a call at 661-2525 in Cambridge.

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A Shawmut Electronic Teller Grand Opening

We work hard during banking hours to take care of our customers. But we know it's hard for some of our customers to come in while we're working. And, even if they can come in, sometimes there's a line. So we've installed yet another Shawmut Electronic Teller. It stays on the job 24 hours a day, 365 days a year. So, no matter when you get to the bank, it's ready to serve you. For example, it can help you with cash withdrawals, deposits, transfers and account information. You can even use it to make loan or credit card payments.

The new Shawmut Electronic Teller. It's just further proof that we're always here for you.

Look To Us For Direction.

New Location: Porter Square, Star Market Parking Lot.

Shawmut
CASH

FOR THE ORDINANCE

FOR THE ORDINANCE

FOR THE ORDINANCE

Lori Harding
25 Howard Street
Cambridge, MA 02139

Jan Nelson
11 Hews Street
Cambridge, MA 02139

Kathleen T. O'Sullivan
45 South Normandy Avenue
Cambridge, MA 02138

Bridget Kuszmaul
60 Wadsworth Street - 13G
Cambridge, MA 02140

Mark Sommer
Manager
Orson Welles Cinema

Stephen Sullivan
217 Auburn Street
Cambridge, MA 02139

Lucille Belmonte
91 Hancock Street #9
Cambridge, MA 02139

Mrs. S. O'Brien
123 Holworthy Street
Cambridge, MA 02138

Mrs. A. Ingram
20 Lucust Street
Cambridge, MA 02138

Mr. and Mrs. Robert Sanford
109 Cushing Street
Cambridge, MA 02138

Anne M. Wagner
85 Pemberton Street
Cambridge, MA 02140

Kerrie Safran
25 Bigelow Street
Cambridge, MA 02139

William Burton
29 Ash Street
Cambridge, MA 02138

Sylvan Barnett
29 Ash Street
Cambridge, MA 02138

Morton Merman
29 Ash Street
Cambridge, MA 02138

Marcia Stubbs
2 Cleveland Street
Cambridge, MA 02139

Marlene Roeder
1545 Massachusetts
Cambridge, MA 02138

Joan Sluis-Kramer
15 Ellery Square
Cambridge, MA 021349

Kate Wheeler
331 Broadway
Cambridge, MA 02139

S. Conhers
929 Massachusetts Avenue
Cambridge, MA 02139

Joy Keste
6 Lincoln Street
Watertown, MA 02172

Gene Homann
15 Mason Road
Watertown, MA 02172

John I. Cone
290 Harvard Street
Cambridge, MA 02138

Janice Tyner
231 Concord Avenue
Cambridge, MA 02138

Mary Anne Adig
13 Kirkland Place
Cambridge, MA 02138

Eliza Geer
213 Brattle Street
Cambridge, MA 02138

William B. Synder
69 Chestnut Street
Cambridge, MA 02139

Laurel A. Fitzpatrick
300 Western Avenue
Cambridge, MA 02139

Annette French
196 Auburn Street
Cambridge, MA 02139

Mark S. Verheydon-Hillia
38 Essex Street
Cambridge, MA 02139

William Burke
56

Stephen J. LeBlue

James M. Hutchison

Rosa Marie Perez
8 Jackson Gardens
Cambridge, MA 02139

Annie Beyer
13 Marie Avenue
Cambridge, MA 02139

Deborah Sullivan
39A Lee Street
Cambridge, MA 02139

Linda Jordan
Oxford Street
Cambridge, MA 02138

Gail Rafferty
60 Kinnaird Street
Cambridge, MA 02138

Albert C. Puell
33 Trowbridge Street
Cambridge, MA 02138

Linda J. Baker
23 Hollis Street
Cambridge, MA 02140

Timothy Morris
28 Pleasant Street
Cambridge, MA 02139

Peter Valentine
55 Blanche Street
Cambridge, MA 02139

Suzanne May
100 Hammond Street
Cambridge, MA 02138

Sharon Strange
31 Inman Street
Cambridge, MA 02139

Deborah Sharp
2 Jackson Gardens
Cambridge, MA 02139

Katih Kinonde
34 Creighton Street
Cambridge, MA 02140

Lisa Baidock
258 Harvard Street #4
Cambridge, MA 02139

Susan M. Connell
35 1/2 Essex Street
Cambridge, MA 02139

Michael Saloruts
59 Bishop Allen Drive - 1A
Cambridge, MA 02139

Victoria Hickey
150 Erie Street -#214
Cambridge, MA 02139

Jennifer Cole
15 Audrey Street - #C3
Cambridge, MA 02139

Taror M. Green
213 Brattle Street
Cambridge, MA 02138

Luanne Martet
1299 Broadway
Cambridge, MA

Sana Belle
177 Erie Street
Cambridge, MA 02138

Patricia Murray
24 Prescott Street- #11
Cambridge, MA 02138

Charles Geer
51 Brattle Street
Cambridge, MA 02138

Saul Kurlat
24 Bradbury Street
Cambridge, MA 02138

Rita Corbett
12 Ware Street
Cambridge, MA 02138

AGAINST THE ORDINANCE~~~~~AGAINST THE ORDINANCE~~~~~AGAINST THE ORDINANCE

Karen O'Rourke, MPH
Director of Special Projects
American Cancer Society
247 Commonwealth Avenue
Boston, MA 02116

Michael Holmes
President
Bay Bank Trust
Cambridge, MA 02138

David Haselkorn
Lesley College
29 Everett Street
Cambridge, MA 02138

Barbara Sullivan
12 Prince Street
Cambridge, MA 02139

David Suchoff
15 Bigelow Street - #7
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Norman McGiver
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Harold Goyette
540 Franklin Street
Cambridge, MA 02139

Sally Alcorn
Harvard Sq. Business Ass
18 Brattle Street
Cambridge, MA 02138

AGAINST THE ORDINANCE ~~~~~ AGAINST THE ORDINANCE ~~~~~ AGAINST THE ORDINANCE

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CITY OF CAMBRIDGE

CITY HALL, CAMBRIDGE, MASSACHUSETTS 02139 • (617) 498-9017

OFFICE OF
THE CITY CLERK

September 10, 1986

Russell B. Higley, Esquire
City Solicitor
City Hall
Cambridge, MA 02139

Dear Sir:

Enclosed you will find proposed amendments to the General Ordinances of the City of Cambridge which were passed to a second reading at the City Council meeting held on September 8, 1986 as follows:

1. Amendment to Chapter Two entitled "Administration" in Article XXXII entitled "Cambridge Consumer Advisory Commission" relative to the members and terms.
2. Amendment to Chapter Eleven entitled "Health, Hospital and Housing" by creating a new Article IV entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge".
3. Amendment to Chapter Eighteen entitled "Vehicles and Traffic" by adding a new section 18-3 entitled "Parking spaces for vehicles of handicapped persons".

Would you kindly review these proposed amendments and indicate your approval or disapproval on the bottom and return to this office.

Your kind attention in this matter will be greatly appreciated.

Sincerely yours,

Joseph E. Connarton
Joseph E. Connarton
Acting City Clerk

JEC/dl

Encs. (3) First publications numbered 2323, 2324, 2325

c.c. Councillor Walsh, Chairman, Committee on Ordinances
Mr. Cellucci, Inspectional Services Commissioner.



City of Cambridge

In the Year One Thousand, Nine Hundred and Eighty-Six

AN ORDINANCE

In amendment to Ordinance No. 961 (June 1981)

Be it ordained by the City Council of the City of Cambridge as follows:

Article XXXII, entitled " Cambridge Consumer Advisory Commission, of Chapter two, entitled "Administration", of "The Code of the City of Cambridge", is hereby amended to read as follows:

Section 2. Members; Terms.

The Commission shall consist of seven (7) members. The Sealer of Weights and Measures and the Chairperson of the License Commission of the City of Cambridge shall serve as ex-officio members. Five (5) members shall be residents of the City of Cambridge and appointed by the City Manager.

The five members appointed from the public-at-large shall serve for a term of two years each. Any member so appointed may be removed at the discretion of the City Manager. A vacancy occurring otherwise than by expiration of term, shall be filled for the unexpired term in the same manner as the original appointment.

Passed to a second reading at the City Council meeting held on September 8, 1986 and on or after September 22, 1986 the question comes on passing to be ordained.

ATTEST:- Joseph E. Connarton,
Acting City Clerk



City of Cambridge

In the Year One Thousand, Nine Hundred Eighty-Six

AN ORDINANCE

In amendment to an Ordinance formerly entitled "The General Ordinances of the City of Cambridge" as revised in 1972 and now designated as "The Code of the City of Cambridge".

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter Eleven entitled "Health, Hospitals and Housing" is hereby amended by inserting the following article:-

ARTICLE IV

ORDINANCE FOR THE CARE AND USE OF LABORATORY ANIMALS IN THE CITY OF CAMBRIDGE

Section 11-30. GUIDELINES FOR THE REGULATION OF THE CARE
AND USE OF LABORATORY ANIMALS.

I. DEFINITIONS

In the context of this ordinance the following definitions are adopted:

- (a) An animal is any nonhuman sentient being.
- (b) An experiment is any procedure conducted by a research institution on a live animal.
- (c) A research institution is any institution operated in the City of Cambridge by the United States or by the Commonwealth of Massachusetts or a political sub-division thereof, or any school or college of medicine, public health, dentistry, pharmacy, veterinary medicine, or agricultural, medical, biological, or diagnostic laboratory, biological corporation, hospital or other educational or scientific establishment within the Commonwealth of Massachusetts which in connection with any of its activities investigates or gives instruction concerning the structure and function of living organisms or the causes, prevention, control or cure of diseases or abnormal conditions of human beings or animals.

II. GUIDELINES FOR ANIMAL EXPERIMENTATION

(a) All experiments on animals in the City of Cambridge shall be undertaken only in strict conformity with the "Guide for the Care and Use of Animals" (hereinafter referred to as the "Guide") of the National Institute of Health (hereinafter referred to as "NIH") as set forth in the Federal Register dated May 9, 1985 and in conformity also with applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances and regulations of the City of Cambridge and such specific regulations as are established by the Cambridge Animal Experimentation Review Board created by this Ordinance (hereinafter referred to as "CAERB") to ensure compliance with the provisions of this Ordinance.

- (1) All research institutions where experiments on animals are performed shall register with the City of Cambridge and agree to comply with the provisions of this Ordinance.
- (2) All research institutions shall file a semi-annual report with the City of Cambridge outlining the type, number, and source of animals used within the previous six months.
- (3) Each research institution proposing to experiment on animals shall conduct a training program for personnel involved in the care and use of animals. Such training shall be consistent with the provisions of the Federal Improved Standards for Laboratory Animals Act. In connection with such training a manual or manuals shall be prepared and such manual or manuals shall outline all procedures and techniques relevant to providing for the psychological and physical health of the animals. Said manual or manuals shall be submitted to the CAERB for review and approval.
- (4) All research institutions shall have an Institutional Animal Care and Use Committee (hereinafter referred to as the "IACUC") as mandated by the Guide. The IACUC should be broad-based in its composition; it should include members from a variety of disciplines, representation from the animal care staff, and at least one member unaffiliated with the research institution. The members of IACUC shall have unrestricted access to all areas in which animals are housed or used as subjects in experiments, subject only

to such limitations as are deemed necessary by the research institution and are approved in writing by the CAERB. At least one member of the IACUC should serve as a representative of community interests in the welfare of the animals. Such a member must be selected by the research institution from a list of individuals provided by the Animal Commission of the City of Cambridge (hereinafter referred to as the "Animal Commission"). Said list will be composed of individuals deemed to have the greatest capacity to provide effective advocacy on behalf of the animals.

- (5) When any member of the IACUC is uncertain that the care and use of animals in a research institution is consistent with applicable laws, regulations, or guidelines, or community ethical standards, and such concerns are not resolved within the deliberations and activities of the IACUC, such member shall notify the CAERB.
- (6) All animals in research institutions shall receive at least the protections afforded to any animal under the Animal Welfare Act (hereinafter referred to as the "AWA"), Guide, State Law and City ordinances and regulations.
- (7) Research institutions undertaking animal experimentation shall perform adequate screening to ensure that the animals do not suffer from bacterial or viral diseases or injuries not described in the proposal for such experiments as an intent of the experiment. Any animals found to be suffering from such diseases or injuries shall receive prompt and appropriate veterinary treatment. Complete records of such cases shall be maintained and made available to the CAERB for its review.
- (8) As part of the research institution's responsibilities, it shall continuously monitor the physical pain or psychological distress of animal subjects. Furthermore, the research institution shall take every step possible to mitigate pain or psychological distress except to the extent that such pain or psychological distress is described in the proposal for the experiment as an intent of the experiment.
- (9) All cases of unusual illness in the animals or the workers associated with the experiments being conducted shall be fully investigated and reported to both the Director of the Animal Commission and the Commissioner of Health and Hospitals of the City

of Cambridge.

- (10) Animal experiments involving physical pain where such pain is not mitigated at all times by the use of adequate anaesthesia and post-operative pain-killers must be reviewed and approved by the CAERB.

Section 11-31a CAMBRIDGE ANIMAL EXPERIMENTATION REVIEW BOARD (CAERB)

I. CREATION

- (a) The CAERB shall be established for the purpose of overseeing all animal experimentation that is conducted in the City of Cambridge.
- (b) The CAERB shall be composed of the Chair of the subcommittee of the City Council on Human Services, the Director of the Animal Commission, and a minimum of three other members to be appointed by the City Manager. The City Manager is authorized to provide for the adequate staffing of the CAERB.

II. RESPONSIBILITIES

Specific responsibilities of the CAERB shall include:

- (a) Determining and delineating the community's ethical standards for the use of animals for the purpose of this Ordinance and being available for consultation with each research institution to insure that the research institution's care and use of animals meets those standards.
- (b) Maintaining a relationship with the IACUCs.
- (c) Reviewing all proposals for animal experimentation to be conducted in the City of Cambridge in order to establish the compliance of said proposal with the Guide, any amendment thereof, or other regulations or guidelines as may be established by the NIH, the USDA, or any other federal agency, or by Act of Congress; and in conformity also with all applicable statutes and regulations of the Commonwealth of Massachusetts and ordinances of the City of Cambridge, and such statutes or regulations as may be established by the Commonwealth or the City.

- (d) Developing a procedure by which members of research institutions where animal experimentation is conducted may report violations either in technique or established policy to the CAERB.
- (e) Conducting unannounced site visits to research institutions or designating agent(s) to conduct such visits.
- (f) Reviewing protocols for experiments on animals that are conducted in the City of Cambridge for compliance with the provisions of this Ordinance.
- (g) Investigating alleged violations of the Guide, applicable laws, regulations, and community ethical standards. Upon completion of such investigation, the CAERB shall promptly report its recommendations for any further action deemed necessary, if any, to ensure compliance with applicable laws, regulations, and community ethical standards, to the City Council.
- (h) Insuring that the IACUCs file regular reports with the CAERB in a manner determined by the CAERB, and that the IACUCs file duplicates with the CAERB of reports filed pursuant to the AWA, simultaneously with the submission of such reports to the appropriate state or federal agency.
- (i) Reviewing reports and recommendations from the IACUCs.

III. VIOLATIONS

Violations of the conditions by research institutions of this Ordinance shall subject the violator to a fine up to two hundred fifty dollars (\$250) per violation per day and in addition the research institution in which serious or repeated violation of this Ordinance occurs may be closed by the Director of the Animal Commission. Each day of violation shall constitute a separate and distinct offense.

Section 11-32. SEVERABILITY OF SECTIONS.

If any section, sub-section, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions thereof.

Passed to a second reading at the City Council meeting held on September 8, 1986 on or after September 22, 1986 the question comes on passing to be ordained.

**ATTEST:- Joseph E. Connarton
Acting City Clerk**



City of Cambridge

In the Year One Thousand, Nine Hundred Eighty-Six

AN ORDINANCE

In amendment to an ordinance formerly entitled "The General Ordinances of the City of Cambridge" as revised in 1972 and now designated as "The Code of the City of Cambridge".

Be it ordained by the City Council of the City of Cambridge as follows:

That Chapter Eighteen entitled "Vehicles and Traffic" is hereby amended by adding a new section 18-3 entitled "Parking spaces for vehicles of handicapped persons", as follows:

Section 18-3. Parking spaces for vehicles for handicapped persons.

(a) Any person, firm, corporation, or other body which has lawful control of public or private way or of improved or enclosed property used as an off-street parking area to which the public has a right of access as invitees or business for a business, shopping, mall, theatre, auditorium, sporting or recreational facility, cultural center, apartment building, is hereby required to establish and maintain reserved parking spaces in said off street parking area for which owned and operated by a disabled veteran or handicapped persons whose vehicle bears the distinguishing license plate authorized by G.L.C. 90 § 2, vehicles transporting a handicapped person and displaying the special identification plate or placard authorized by the G.L.C. 90 § 2 and vehicles bearing the official identification of a handicapped person issued by any other state, according to the following formula:

If the number of parking spaces in any such area is more than fifteen but not more than twenty-five, one parking space; more than twenty-five but not more than forty, five percent of such spaces but not less than two; more than forty but not more than one hundred, four percent of such spaces but not less than three; more than one hundred but not more than two hundred, three percent of such spaces but not less than four; more than two hundred but not more than five hundred, two percent of such spaces but not less than six; more than five hundred but not more than one thousand, one and one-half percent of such spaces but not less than ten; more than one thousand but not more than two thousand, one percent of such spaces but not less than fifteen; more than two thousand but not less than five thousand, three-fourths of one percent of such spaces but not less than twenty; and more than five thousand, one-half of one percent of such spaces but not less than thirty.

(b) Parking spaces designated as reserved under the provisions of paragraph (a) shall be identified by the use of above grade signs with white lettering against a blue background and shall bear the words "Handicapped Parking: Special Plate Required. Unauthorized Vehicles May be Removed at Owner's Expense"; shall be as near as possible to a building entrance or walkway; shall be adjacent to curb ramps or other unobstructed methods permitting sidewalk access to a handicapped person; and shall be twelve feet wide or two eight-foot wide areas with four feet of cross hatch between them.

(c) Any person, firm, corporation or other body violating any provision of this section shall be fined not more than \$50.00 for each offense, and a separate offense shall be deemed committed on each day during or on which a violation occurs of continues.

(d) Any Cambridge police officer or parking control officer may issue a parking violation notice in tag form, in accordance with the provisions of G.L. c. 90, S 20 A 1/2, to any vehicle which, not being entitled to do so, occupies or obstructs any parking space reserved in accordance with paragraph (a) of this section.

(e) The Cambridge Police Chief, or such sergeants or other officers of higher rank in the Police Department as he may from time to time designate, may remove to some convenient place, through the agency of a person or persons in the employ of said Department, or by an independent contractor under legal agreement with the City of Cambridge, any vehicle which, not being entitled to do so, occupies or obstructs any parking space reserved in accordance with paragraph (a) of this section.

(f) Any person, firm, corporation or other body which has lawful control of property on which a parking space or spaces have been reserved in accordance with paragraph (a) of this section may remove a motor vehicle which, not being entitled to do so, occupies or obstruct any such parking space, in accordance with G.L. c. 266, S 120 D.

(g) The penalty specified in paragraph (c) shall not take effect until 90 days after this section is finally adopted.

Passed to a second reading as amended at the City Council meeting held on September 8, 1986 and on or after September 22, 1986 the question comes on passing to be ordained.

ATTEST:- Joseph E. Connarton,
Acting City Clerk.

Grace site

Continued from page 1

The planning board gave RVM&G a PUD with several conditions, including keeping the height of a building facing Russell Field to 60 feet, monitoring increased area traffic flow, and requesting housing be provided on an adjoining parcel facing nearby Whittemore Avenue. On that parcel, an 88,000 square-foot building is currently under construction after a 1984 variance was renewed by the Board of Zoning Appeal in October 1986. The BZA requested WR Grace to provide housing there.

"There should be public benefits for a project two city blocks long," said Carolyn Meith, member of the planning board, suggesting the developers build moderate to low income housing. "The project will have some negative impacts on North Cambridge."

In addition, the site faces careful scrutiny by the state Department of Environmental Quality Engineering and neighborhood environmental groups.

The property was used by Dewey & Almy chemical company and W.R. Grace from 1919 to 1984 to manufacture rubber and latex chemicals and products. In 1981, Grace notified the federal Environmental Protection Agency (EPA) that the area was used as a dumping ground.

"The wastes disposed on the site amounted to 2800 tons," says Ed Cyr, a member of the environmental group Toxic Alert.

Since 1981, testing for toxicity levels in water, soil and air samples has been done by different agencies.

An investigation was started after construction workers complained of illness while working on a Mass. Bay transportation authority project located near the Grace site in 1981. While the Red Line extension at Alewife was under construction, workers suffered nausea and headaches, said to be caused by high concentrations of chemicals, including naphthalene. Work was stopped for a year.

In 1985, Grace hired Haley & Aldrich, a consulting firm, to complete an environmental assessment report. The consultants concluded that "there are no actual or potential health hazards to human health" on the site.

The claims were refuted in September 1986 by NUS, hired by the EPA. NUS claimed there was insufficient data to support Haley & Aldrich's findings and that 30 years data during the site's transition of ownership from Dewey & Almy to WR Grace was missing.

In 1986 and during this year, W.R. Grace officials and developers RVM&G, represented by former assistant City Manager David Vickery, have met with environmental groups and city agencies, in addition to DEQE.

RVM&G's first application for a PUD was filed in January of 1987, and since then, extensions were given twice, so that that public hearings fully answered neighborhood and planning board concerns.

Pursuant to a Notice of Responsibility issued by DEQE to WR Grace in March of this year, additional sampling and testing on the site will be conducted by Haley & Aldrich. Those tests are expected to be completed this month.

Finally, WR Grace is required to submit an Environmental Impact Review to the Executive Office of Environmental Affairs before state permits would allow a sewer system and access to state roadways, such as nearby Route 16.

Facing the imminent planning board approval on PUD, because the extension had run out, during the meeting, Kate Mattes, a member of the North Cambridge Stabilization Committee, observed, "We should look harder at concerns like traffic and hazardous waste, because it will be harder to make changes as time goes on."

Block party

Continued from page 1

system (Sly Stone was present), more than 150 people enjoyed barbecued hamburgers and hot dogs along with salads and desserts. There were relay races for kids, volleyball games and a raffle benefit.

And, of course, the issue of University Park was in the air. For those in the dark, University Park is the name of a 2.5-million-square-foot development planned for the 27-acre Simplex site. The site, once home to various manufacturers including the Simplex Wire and Cable Co., is owned by the Massachusetts Institute of Technology and being leased to a Boston developer.

There were few kind words for MIT at the party. Numerous colorful balloons read: "U Park will drive you out." Bumper stickers on sale carried a stronger message: "Cambridgegrid will decide, STOP MIT."

But the block party, as in past years, was foremost a community celebration.

"It's an educational day, a relaxation day and a way to get to know your neighbor," said Mary Shea, who is one of the original members of the Simplex Steering Committee, which formed in 1974 to fight for community interests in the development of the Simplex site.

Shea herself turned out to be the center of attention on Sunday,

It's an educational day, a relaxation day, and a way to get to know your neighbor.

Mary Shea

Cambridgeport resident

for she was in charge of selling tickets (\$1 for one, \$3 for six) at the raffle booth. First prize will be a color TV; second prize, a weekend for two at Mattapoisett. There are six prizes in all.

The actual winners won't be announced until Saturday, Oct. 17, when the steering committee plans to sponsor a "tent city" at Blanche and Green streets to dramatize the need for more affordable housing at University Park.

"I've never won a neighborhood raffle yet, but this year has got to be my year," said Brookline street resident Muriel Heberger, after buying a booklet of tickets.

As the block party continued, so did the politicking behind the scenes.

At the Cambridgeport Central America Committee's booth, City Councilor Alice Wolf was telling one of the committee leaders how

she had obtained Joan Baez' autograph at a recent folk concert in Vermont and wanted to donate it to the Cambridge-El Salvador Sister City Project. The autograph, Wolf suggested, could be auctioned and the proceeds sent to Cambridge's sister city, San Jose las Flores.

Wolf, who has been endorsed again by the liberal Cambridge Civic Association (CCA), wasn't the only one campaigning on Sunday. Jonathan Myers, a city council hopeful from North Cambridge who has also been endorsed by the CCA, was never far behind. And independent candidate Lester Preston Lee Jr. also made some campaign moves through the party.

Other candidates in circulation were School Committee Member Sara Garcia, who is not running for reelection, fellow member Frances Cooper, and school committee hopefuls John St. George, Henrietta Davis and Denise Simmons, all of whom have been endorsed by the CCA.

Tenant activist Michael Turk was not surprised by the turnout of politicians at the block party. "I know they make the rounds for this."

There's nothing like mixing Cambridge politics with good times.

SCES answers for elders

Congregate housing offers seniors option to share

Somerville and Cambridge elders who do not want to live alone and do not care to live in a nursing home have another housing option: congregate housing.

Congregate (or shared) housing provides residents with a degree of privacy while sharing certain facilities such as, kitchens, bathrooms and dining areas. It combines independence with interdependence.

Congregate housing sites provide elders with some supervision, although it is not available 24 hours a day.

There are two kinds of congregate housing available in the area. ECHO (Elder Cooperative Housing Options, Inc.) manages three programs in Cambridge: at Woodbridge in North Cambridge; 808 Memorial Dr. in Cambridgeport; and the former Putnam School in East Cambridge.

In these programs, each tenant has

his or her own bedroom while sharing living and dining rooms, bathrooms and kitchens. ECHO also arranges for homemakers, visiting nurses and other services as residents need them.

Congregate housing managed by the Housing Services Group on Norfolk Street in Cambridge offers each tenant private quarters with a bedroom, sitting room and toilet. There is a central dining room and a shared kitchen on each floor, as well as other common facilities like showers, laundry room, gardens, lounges and porch.

Norfolk Street also houses an elderly center serving the entire neighborhood.

Like other elderly housing in the two cities, rent for congregate housing is subsidized. Applicants must meet certain age and income eligibility requirements. To apply or for more information, contact ECHO

at 186 Hampshire St., 492-5539, or the Housing Services Group at 16 Norfolk St., 547-3543.

Q. Where can I turn if I feel a landlord has refused to rent an apartment to me simply because of my age?

A. Local housing laws in Cambridge and Somerville prohibit discrimination based on age, as well as on race, sex, color, religion, sexual orientation, national origin or ancestry, marital status, military status, disability or source of income. If you think you have been discriminated against, call the Somerville Fair Housing Commission (625-6600, ext. 2400) or the Cambridge Human Rights Commission (498-9049).

Questions for or about older people and their families should be addressed to: Information & Referral, Somerville-Cambridge Elder Services, c/o Davis Square, Somerville, 6214. Or call the I&R unit at 628-2601.

Cable TV starts video game show

Beginning Thursday, Sept. 3, cable television viewers in Cambridge will be challenged to identify "sights of the city" in a unique interactive video game on Community Channel 3.

"Cambridge Hidden Treasures" is a series of 14 video segments, each of which highlights an interesting architectural feature or landmark in the city.

The first three viewers who bring a complete list correctly identifying all 14 locations to the Cambridge Discovery information booth in Harvard Square will receive a free t-shirt of the city for a group of four people.

The "Hidden Treasures" segments were researched and videotaped by Cambridge Discovery's teen tour guides, under the direction of Creative Folkways' Lou Carreras.

The teenagers used cameras and other television equipment loaned by American CableSystems.

The series was officially unveiled during a special ceremony in the Harvard Square T station. "With its splendid display of art for the public, the T station was an apt setting for the event," said Moore.

Generous financial support for the project was provided by Cambridgeport Savings Bank; Huneman and Co.; Ingram, Rettig and Neaty; Cambridgeport Savings Bank; Cambridge Trust; Edwin S. Sage Co.; Au Bon Pain; The Athenaeum Group; Mandalay Restaurant; Dickson Bros. Hardware; Cambridge Condominium Collaborative; Honore Jewelry at Charles Square; and the Cambridge Chronicle.

City to hold golf tourney at 'Tip' course

The First Annual City of Cambridge "Golf Tournament Caritas" will be held on Tuesday, Sept. 15, at the Thomas P. O'Neill Jr./Fresh Pond Golf Course. The entry fee for the tournament is \$35, with all proceeds to benefit the Cambridge and Somerville Program for Alcohol Rehabilitation (CASPAR).

Starting time will be at 12 noon. All interested participants can register at the golf course, 695 Somerville Ave. A reception will immediately follow the tournament at the VFW Mt. Auburn Post #6813.

Jany Charest, Pat Hanson, Kathleen Rowe, Doreen Lups, Ruth

Back to school

Continued from page 1

direct parents and children to the right room. Coffee will also be served, enabling parents and available staff to meet.

Free lunch is served at all schools for the first two days of school. Students are then sent home with a lunch form, requiring parents to select a lunch program for their child.

In addition, after school day care programs are provided for levels K through 3rd grade at all elementary schools, with the exception of the Kennedy School, which is comprised of fifth to eighth graders.

Special Start, a new program for preschoolers aged 3 to 5 years, with emotional or physical special needs, will be located at the Fitzgerald School.

Parents may register their children at the Parent Information Center (located at the Harrington School, 850 Cambridge St., or call 498-9250 for more information). Children may be registered in Cambridge schools at any time during the year "anytime a new family moves into Cambridge," says Gallager.

Over the summer, the school buildings were renovated. The Agassiz, Fitzgerald, Fletcher, Harrington, Kennedy, King, Morse, Peabody and Tobin Schools were improved with new floors, windows and roofs, heating systems and energy saving adjustments, according to Joseph Dynan, manager of school maintenance department.

The Longfellow, Graham and Parks and the Maynard Schools underwent substantial renovations several years ago, but did receive new interior paint jobs this summer.

Cambridge Rindge and Latin School (CRLS) the combined public high school, will offer an extensive, diverse program for 1987 to 1988, covering academics, business education, sports, arts, dance and music, and bilingual services for its 2500 students. Many alternative programs are offered, including the Pilot School, the Enterprise Co-op, and Fundamental School.

The Achievement Program, an alternative for seventh and eighth graders who encountered learning difficulties in elementary schools, will move from CRLS to the Margaret Fuller House on Cherry Street, for the 1987-1988 school year.

Academic requirements may increase for CRLS and administrators are pleased with recent test results. The college boards, or Scholastic Aptitude Test scores, have

First-day jitters

Continued from page 1

work before going back to the classroom — a place she says she discovered she belongs.

"I decided I belong with the kids," she said. "That really is my love. I'm thrilled to be teaching. I can't wait."

Diggins and other new teachers in the system this year had a full-day orientation Wednesday. After a morning of talks at the Cambridge Rindge and Latin School with various school department officials about goals, missions and expectations for the coming year, they went to their schools to meet their new principals and to get acquainted with their new classrooms.

The approximately 35 new teachers in the system this year are among 700 teachers in the city's school system.

Patrick Cunningham, a new teacher to the system who will be teaching in the kindergarten Follow Through program at the Harrington School, said he's been busy "thinking about setting up and get-

ting a schedule ready."

"The new year is always hard," said Cunningham, who has 15 years teaching experience in private schools, but is facing his first public school position.

"It's sort of an anxious time for kids as well as teachers."

"The first year is just trying to get the routine set up and to figure out what works," said Cunningham. "I have high hopes. I know I'll be a good year, but I know I'll be a lot of hard work."

For James Fitzgerald, his last "first day" will be next Thursday. After 38 years of teaching in the Cambridge school system — the last 26 of them at the Harrington School — Fitzgerald, 60, will retire in December.

"It's an idea whose time has come," he said. "I've seen so many changes, population changes."

Asked if he was approaching his last first day any differently, Fitzgerald replied, "One thing about school teaching is you get very methodical, but you always look forward to it."

—J. BARRY MOTHS

The Partnership boosts variety of school projects

By J. Barry Mothes

Staff writer

Students in Marybeth Haynes' class at Longfellow School this year will produce a booklet and slide show about the Vietnam experience...

English as a Second Language students will put together a things-to-do in Cambridge guidebook and translate it into Creole, French, Portuguese and Spanish.

And Haggerty School parents will work with teachers Mill Blackman and Yvonne Johnson to survey family television viewing habits of kindergarten and first-grade students.

These three projects scheduled for the upcoming school year are among 13 awarded funds through The Cambridge Partnership For Public Education, Inc., a Mini-Grants Program.

The program, which started last October and is a cooperative effort between Harvard University, MIT, Lesley College, local business, city government and city schools, provides grants ranging from \$50 to \$500 to help public school teachers try new teaching techniques and develop creative educational projects. The 13 winners were chosen from 66 applications and the total amount awarded was \$5,250.

"We want to support new ideas for teaching that you couldn't possibly support through a school budget," said Alan Dyson, executive director of the partnership.

"The theme of the mini-grants program is 'teachers as entrepreneurs' and Dyson said the winning proposals were "those which emphasized risk-taking in the entrepreneurial spirit."

Cantabs

Pierre Joseph has pledged membership to the Uster Social Club at Muskogee College in New Canaan, Ohio.

Greg Waldman, son of Mrs. Joy Waldman of Cambridge, and a senior at Governor Dummer Academy in Byfield, took first place in his weight class in the Graves-Kelsey Tournament, Feb. 27 and 28, coming off a season-long absence because of injury.

Marine Capt. William B. Cronin, son of Rosemary J. and William H. Cronin of Cambridge, recently reported for duty with 3rd Marine Aircraft Wing, Marine Corps Air Station, Futenma, Japan.

Marine Lance Cpl. Enrico W. Alfano, son of Enrico W. and Phyllis of Cambridge, has been promoted to his present rank while serving at Marine Corps Air Ground Combat Center, Twentynine Palms, CA.

Jany Charest, Pat Hanson, Kathleen Rowe, Doreen Lups, Ruth

Other winning programs and the teachers who applied and their schools are:

Wadie J. Geraghty and Larry Clinton, Cambridge Rindge and Latin School, \$500 for stock market investments with students.

Martha Gurry-Axtman, Mary L. Piret, and Debbie B. Downes, CRLS, \$500 to produce a literary magazine with special needs students.

Margaret Materazzo, Peabody School, \$250 to buy and fill five homework sacks with Math, Reading and Writing Games task cards.

Arlene Brown, Fletcher School, \$250 to improve reading by helping students start their own library by buying books with them.

Roger O'Sullivan, classroom teachers, Peabody School, \$500 to hire a consultant from the New England Aquarium to work with science.

Joanne Schiano, Carmen Child, ESL, Longfellow School, \$270 to broaden reading materials for ESL students.

Mildred Feloney, William Kroen, Fletcher School, \$300 to purchase computer software to explore science and technology careers with sixth-grade students.

Christopher M. Affleck, Tobin School, \$220 to videotape a seventh- and eighth-grade skit on peer pressure.

Helena Zareck-Villarreal, Longfellow School, \$500 to buy "hands-on" science materials to develop language skills in Hispanic children.

Nekita Lamour, Graham-Park School, \$500 to translate and write English versions of Haitian folktales.

Ann Lavin, and Gladys Overhown, all of Cambridge, have recently been awarded a scholarship by Zayre Corp to assist them in the pursuit of an Associate Degree at Wheelock College, Boston. They were honored at a special Recognition Event that took place at Wheelock College.

Portuguese-American confab set

The 15th annual convention of the Portuguese-American Civic League of Massachusetts will be held at the Holiday Inn, 30 Washington St., Somerville, with a ball on Saturday, Sept. 5, a banquet on Sunday, Sept. 6, and a

business meeting on Monday, Sept. 7, when officers for the year will be elected.

The convention is hosted by the Somerville-Cambridge Ladies Council.

St. Mary's searching for alumni

What ever happened to the classes of 1915-1959? That is, the pre-coded classes of St. Mary of the Annunciation High School in Cambridge.

Members of the alumnae reunion committee are looking for lost members from these classes to attend a reunion dinner on Sunday, Oct. 25, at the Holiday Inn in Somerville. Any graduates who have not received mail from the reunion committee should send their name, address and year of graduation to St. Mary's Rectory, 134 Norfolk St., Cambridge, 02139, or call 947-8356.

Fuller Eagles soar in youth games

The Margaret Fuller House "Cambridge Eagles," coached by Ann Hicks, turned in a fine performance both in track and field events to capture the Third Annual Youth Games Team Trophy.

Individual winners were: Boys 50 meters: Nick Lenicheau, - M.I.T.; Jason Sutherland, YMCA; Jeremy Collins, Alex Geoghin, Richard Sinclair, Eagles; Ohina Onyeger, Walter Turchez, Inner City Day Camp; and Sean Grecco, M.I.T.

Girls 50 meters: Marrison Albert, Eagles; Rosa Klyne, Eagles; Tanika Odel, Inner City Day Camp, Kim Sal, Mary Perez, YMCA; Tanika Scott, Inner City Camp; Dora Chase, Eagles and Jane Williams, Eagles. Boy 100 meters: Julius Francis, Jamal Thomas, YMCA; Ken Kemp, M.I.T., Joseph Francis, Chris Bray, M.I.T., Jim Danier, Girls 100 meters: Niksha Harding, Jennifer Lo, Janice Brown, Pamela Williams, Eagles; Caroline Kondoban, M.I.T.; Mary Jane Williams, Eagles. Boys 200 meters: Robert Hicks, Eagles; Michael Jessi, Boys and Girls Club; Kevin McManus, DHS; Kevin Duncan, Eagles; Guerey Milford, Boys and Girls Club.

Girls 200 meters: Slobhan Smith, Joanne Jones, Eagles; Terry White, Inner City Day Camp; Rosemary Hernandez, CYEP. Field Events High Jump Girls: Natasha Caubet, DHS; Paulie Kelsey, DHS. Long Jump Girls: Jody Bailey, Inner City Day Camp; Terry White, Caroline Kondoban, M.I.T. Girls Softball: Vereka Golden, Lauren Besi, Kelley Lreak, Inner City Day Camp. Female Shot Put: Tawana Albert, Eagles. Boys High Jump: Jamal Thomas, YMCA. Boys Long Jump: Ari Colymore, Robert Hicks, Kevin Duncan, Eagles; Guersley Milford, Boys and Girls Club.

Softball Boys: Frank Williams, Alex Geoghin. Shot Put: Seth Dobson, Eagles, Greg Motta.

Special Thanks to: Ann Hicks, Eagles; Curtis Jackman, Boys and

Cosma and Damiano feast set

The 61st annual celebration in honor of Saints Cosma and Damiano, patron saints of Gaeta, Italy, will be held in Cambridge and Somerville on Sept. 12 and 13. The traditional fiesta will be held on Warren Street, Cambridge as it has been each year since 1926.

The schedule for the two-day celebration is as follows:

Sept. 12: At 6 pm, the society, accompanied by the Roma band, will parade through the streets of E. Cambridge and Somerville to welcome residents and visitors to the Feast. At 7 pm, the status of Saints



A FEW MEMBERS of the champion Margaret Fuller House Cambridge Eagles: Robert Hicks, Jason Adams, Rory Hicks, Coach Ann Hicks, Jane Williams, Tawana Albert, Dara Chase, Quincy West, Joanne Jones and Pamela Williams. Missing are Donovan Brown, Gath Brown, Ari Colymore, Shani Colymore, Sean Paugaudas, David Roby, Michael Sealy, Kevin Dunkley, Richard Sinclair, Alexis Harding, Sydanya Green, Rosa Kline, Nakia Green, Naque Green, Julius Francis, George Francis and Seth Dobson.

Girls Club; Hank Van Putten, YMCA; Bird Bridgeman, Community Arts Center; Elya Pratt, Inner City Day Camp; Vaughn Trung, Cambridge Youth Enrichment Program, for bringing a fine group of youths to the event. Sponsors for this event

were the City of Cambridge Youth and Recreation Departments, M.I.T., Gordon Kelley, Harvard University, W.R. Grace, American Cable Systems, Coca Cola, Draper Labs, and Polaroid Corporation.

Cosma and Damiano will be taken out of their Chapel on Porter Street, Cambridge, and a candle-light procession will accompany them as they are brought to the St. Francis of Assisi Church in Cambridge.

Sept. 13: At 9:30 am, the societies will again march to the Saint Francis of Assisi Church, accompanied by the

Roma band. A solemn High Mass will be celebrated in honor of the saints. At 1:30 pm the statues will be taken in solemn procession through the streets of E. Cambridge and E. Somerville, accompanied by the Roma band and the Filarmonica di S. Antonio. From 6 to 10 pm there will be popular music.



NO TURN ON RED — A mysterious group of red and white balloons, printed with the words "Boston Whaler," drifted into Cambridge last week where they became entangled on some

traffic lights on Huron avenue. The invading balloons were removed by city workers. (Staff photo by Carolyn Hine)

Births

At St. Elizabeth's Hospital of Boston To Victoria (Triana) and Enrique Godoy of Cambridge, a daughter, Natalia, born July 6. Grandparents are Dr. and Mrs. Jose V. Triana of Columbia and Mr. and Mrs. Enrique Godoy of Columbia.

To Cheryl A. (White) and Gerald Gomes Jr. of Kingston, a son, Benjamin Alfred, born July 25. Grandparents are Mr. and Mrs. John White of Arlington and Mr. and Mrs. Gerald Gomes of Cambridge.

To Alice M. (Burns) and William J. Russell of Woburn, a daughter, Danielle Marie, born June 20. Grandparents are Mr. and Mrs. Edward M. Burns of Winchester and Mrs. Sheila T. Russell of Cambridge.



NET MINDERS — Recreation park instructor Krissie Jones recently gave tennis lessons to members of the West Cambridge Youth Program. The lessons were sponsored by the city's Department of Human Services Programs and the New England Lawn Tennis Association. From the left are Jones, Chris Carter, park leader Suzy Mescall, Amy Powers, Margaret Reilly, park leaders Jonathan Boyle and Laura Daniluk, Debbie Bronsaham, Jennifer Pitts, park leader P. J. Cahrest, Christine Perino, Paul Adams-Kelsey, Chris Craigie, Melissa Pizzi, Billy Pizzi, Corey Craigie, Alfreda Cromwell, Afred Cromwell and Shawn McLaughlin. Tournament winners were Christine Perino and Jill Pizzuto.



GIVING THE GIFT — Norman McIver, a volunteer board member for the American Red Cross, Cambridge Region was one of the first to donate blood during a recent blood drive at the Cambridge chapter house.

NOTICE OF A PUBLIC HEARING

The Cambridge City Council will conduct a public hearing at 7:00 P.M. on Monday, September 14, 1987 in the Sullivan Chamber, City Hall, Cambridge, MA, to receive public comment on a proposed amendment to the General Ordinances regarding the regulation of pit bulls.

All interested individuals are invited to attend and be heard at this time.

By Order of the City Council, Joseph E. Connorton, City Clerk

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PUBLIC NOTICE

The Ordinance Committee for the City of Cambridge will conduct a public hearing on Tuesday, September 5, 1987 at 5:30 P.M. in the Sullivan Chamber, City Hall, Cambridge, Massachusetts to consider the proposed General Ordinance amendment entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge".

All interested persons are requested to attend and be heard.

For the Committee, Councillor William H. Walsh, Chairman

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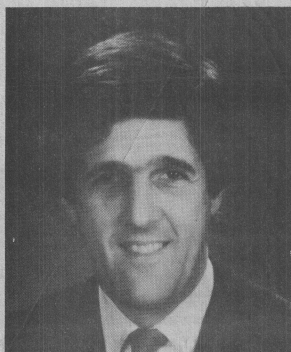
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STATE

SENATE

Scout set recruiting drive

The Cambridge Council, Boy Scouts of America, has announced plans for a fall recruiting program designed to attract new members into Tiger Cubs and in programs of Cub Scouting and BoyScouting.

Council Commissioner Kenneth J. Simmons has developed a new recruiting program that will feature a Scouting Roundup to be held at the Cambridge Rindge and Latin School Field House on Saturday, September 27. All boys between 7 and 14 are invited to join the program at that time.

Deputy City Clerk Joseph Conarnton is serving as general chairman of the program that will feature displays on Cub Scouting and Boy Scouting and various activities that will present the fun and excitement of the Scouting programs. In recognition of the fall recruiting program McDonald's Restaurants will be presenting "Be Our Guest" certificates to those participating in the program. The certificates will enable each member with a certificate to receive a free hamburger at any McDonald's. Conarnton stated, "The new association between the Boy

Scouts of America and McDonald's marks the beginning of a mutual program to serve the youth of the community. It is expected that over 200 new members will join the Scouting program as part of the fall recruiting program."

Conarnton is a member of the Cambridge Council BSA Executive Board and a life long resident of Cambridge. Active in many community programs he will work to develop the participation by the 50 Scouting units of Cambridge.

Parents of young boys interested in joining the Scouting program are urged to mark September 27 on their calendars. The recruiting day will be an excellent opportunity to join the Scouting programs and to receive all the information that will assist boys and parents in becoming involved in one of the oldest youth programs in the country.

Additional information on the program will be distributed in the schools beginning on September 22. The announcement of the honorary chairman who will be at the recruiting event will be made very shortly.

MCZ offers programs for children

Vacation is over but at the Harvard University Museums of Natural History the fun goes on.

Using games and projects as well as the magnificent museum collection from Antarctica to Zebras; Mammals A to Z, the after school program (3:30 to 4:45 pm), will explore mammals of all kinds, their biology, behavior and diversity. The section for 6-8 year olds starts Wednesday, September 10, with an upper level program for 9-11 year olds starting Thursday, September 11. Both run for seven weeks.

Preschoolers (3 1/2 to 5 years) and

their parents will experience the people of Africa, of an African safari Saturday mornings from 10:30 am to 12 noon. They will create an African animal habitat and make their own African mask as they learn about the continent of Africa from east to west. There will be two classes starting September 20 with a break October 11th.

All programs require advance registration. Please call Harvard University Museums of Natural History, 495-2341, for more information.

CCC parents set benefit gospel concert

The New Jersey Mass Choir will sing a Gospel Concert on Saturday, October 18, at 8 p.m. at Kresge Auditorium, MIT, 77 Massachusetts Ave.

This benefit concert is sponsored by the Parents Group of the Cambridge Community Center, a non-profit, multi-purpose community center serving the needs of Cambridge children and adults through its after-school, adult and elder programs. Tickets may be purchased at the

following locations: Skippy White's, 1783 Washington St., Boston; 1647 Blue Hill Ave., Mattapan; New Woods Bookstore, 186 Hampshire St., Cambridge and Cambridge Community Center, 5 Callender St., Cambridge. Ticket prices are \$10 or \$12 at the door. A limited number of \$5 children's tickets are available.

Several local collegiate Gospel groups will also perform during the concert. For additional information about the concert, call the Cambridge Community Center, 547-6811.

PUBLIC NOTICE

The Ordinance Committee for the City of Cambridge will conduct a public hearing on Thursday, September 18, 1986 at 5:00 p.m. in the Sullivan Chambers, City Hall, Cambridge, Massachusetts to consider the proposed General Ordinance amendment entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge". All interested persons are requested to attend and be heard.

For the Committee, Councillor William H. Walsh, Chairman

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REAL ESTATE WEEKLY

By Dan and Joetta Silva Century 21 Silva Realty Associates

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At Century 21 Silva Realty Associates, our professional Realtors are especially knowledgeable about investment property. Please give us a call at 661-2525 in Cambridge.

Births

At Mount Auburn Hospital:

To Ellen (Hoadley) and Frederick W. Paller of Cambridge, a daughter, Rachel Constance, born June 24. Grandparents are Alan and Ruth Paller of Maryland and Roger and Joyce Hoadley of New York. Great grandparents are Mrs. Ethel Paller of West Roxbury, Harold and Rachel Freiler of New York, H. Orlo and Rita Hoadley of New York, and Charles and Janet Nichols also of New York.

To Theresa (Cyr) and Richard J. Aidesis of Cambridge, a son, Scott, born August 17. Grandparents are Mrs. Blanche Aidesis of Cambridge and Mr. and Mrs. Joseph H. Cyr of Cambridge. Great grandmother is Mrs. Alvina Cyr of Cambridge.

To Nancy (Boisvert) and Edward G. Sullivan II of Cambridge, a son, Edward G. III, born August 9. Grandparents are Mr. and Mrs. Edward G. Sullivan of Brockton and Mr. and Mrs. Robert Boisvert of Maine. Great grandmother is Mrs. Antoinette Papalao of Cambridge.

To Madeline J. MacFarland and Joseph Donahue of Cambridge, a son, Joseph R. Donahue, born August 8. Grandparents are Mildred and Carl MacFarland of Cambridge, Mrs. Anna Gray of South Boston and Mrs. Theresa Donahue of Dorchester. Great grandparents are Mr.

and Mrs. Josephene LaRocca of Florida.

To Carol R. (Johnson) and Jeffrey Abernathy of Cambridge, a daughter, Taresha Danielle, born August 17. Grandparents are Mr. and Mrs. Bobby E. Jones of Tennessee and Mr. and Mrs. S. Johnson of Cambridge.

To Mr. and Mrs. Edward D. Porter of Cambridge, a daughter, Patricia Mary, born July 28. Grandparents are Mr. and Mrs. Donald Porter of Pennsylvania and Mr. and Mrs. William R. Paine of Cambridge.

To Mr. and Mrs. David M. Moura of Medford, a daughter, Kristin Ann, born July 22. Grandparents are Teresa Sonia of Sausage and Ronald Musto of Reading. Great grandfather is Samuel Musto of Florida.

To Mr. and Mrs. Roy P. Charles of West Cambridge, a son, Andrew Edward, born July 21. Grandparents are Mona Charles of Cambridge and Evelyn Linton of Cambridge.

To Mr. and Mrs. Leonard J. DiPietro of Arlington, a son, Leonard Joseph, born July 19. Grandparents are Mr. and Mrs. Joseph Battinelli of Arlington and Mr. and Mrs. Modestino DiPietro of Cambridge.

Great grandparents are Adalgisa Voto of Cambridge, Elisa Battinelli of Somerville, Angela Iannacci of Cambridge and John Iannacci of Groton.

Youth job training is offered

Just-A-Start, a private, non-profit housing and community service corporation in Cambridge, is currently accepting applications from out-of-school youth, aged 16 to 21, for a six-month, youth training and employment program.

Funding for the sixth consecutive year from Employment Resources Inc. (ERI), has made 15 additional positions available in Just-A-Start's year-round program for youth living in Cambridge, Somerville, Watertown, Chelsea, Malden, Everett, and 14 other communities. Youth accepted into the program

will participate in occupational skills training, vocational counseling, and GED preparation programs while providing housing rehabilitation and energy conservation services in Cambridge neighborhoods. To apply, contact Just-A-Start at 492-7900.

This summer, through ERI's Summer Youth Employment Program (SYEP), an additional 13 youths participated in Just-A-Start's summer training program. For the 10th summer, Just-A-Start served as a special project for the SYEP program providing special learning opportunities for youth aged 14-21.

Retirement housing forum set by BU

Boston University's Gerontology Center is sponsoring a two-day conference, "Housing for Retirement: The Emerging Market," September 18 and 19 at the Royal Sonesta Hotel in Cambridge. Registration begins at 2 pm on September 18.

A variety of speakers will make presentations on effective manage-

ment and market techniques. The conference will run until 2:30 pm on the 19th. The \$145 registration includes all meals and materials; the deadline for registration is September 10. Special lodging rates are available at the Royal Sonesta Hotel for participants. For further information and registration, contact Sylvie Taylor at 353-5045.

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OPEN HOUSE! Friday, September 14, 2-5 p.m.

Registration now through September 15 for FALL TERM

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hours a day, 365 days a year. So, no matter when you get to the bank, it's ready to serve you. For example, it can help you with cash withdrawals, deposits, transfers and account information. You can even use it to make loan or credit card payments.

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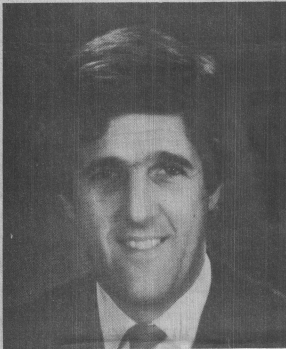
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New Location: Porter Square, Star Market Parking Lot.

Shawmut Banks are members FDIC, and equal housing lenders.



Some people you know and trust have some thoughts about why David Holway should be our next State Senator.



JOHN KERRY

UNITED STATES SENATOR

"David Holway is a friend of mine. We share the same basic values and have worked together to make government work better . . . He has proven to me he knows how to listen. He knows a good idea, and he fights for what he believes in.

"If that is the kind of state senator you want, then I hope you'll give David Holway the support he deserves."



SCOTT HARSHBARGER

MIDDLESEX COUNTY DISTRICT ATTORNEY

"David is a good friend, a Cambridge neighbor, and a dedicated, hard-working individual committed to effective, efficient, but compassionate government . . . David also served as a member of my transition committee, where he demonstrated again to me his commitment to professional performance and fair and equal justice."



CHARLES FLAHERTY

MAJORITY LEADER, MASSACHUSETTS
HOUSE OF REPRESENTATIVES

"No other candidate brings the breadth of knowledge and experience to this campaign as David does. Indeed, I can think of no first-time candidate for the Legislature in my memory—including myself—who has been as qualified as David is, both in terms of personal ability and professional experience and knowledge."

DAVID HOLWAY

*Because
it matters*

STATE

SENATE

Scouts set recruiting drive

The Cambridge Council, Boy Scouts of America, has announced plans for a fall recruiting program designed to attract new members in to Tiger Cubs and the programs of Cub Scouting and Boy Scouting.

Council Commissioner Kenneth J. Simmons has developed a new recruiting program that will feature a Scouting Roundup to be held at the Cambridge Ridge and Latin School Field House on Saturday, September 27. All boys between 7 and 14 are invited to join the program at that time.

Deputy City Clerk Joseph Connorton is serving as general chairman of the program that will feature displays on Cub Scouting and Boy Scouting and various activities that will present the fun and excitement of the Scouting programs. In recognition of the fall recruiting program McDonald's Restaurants will be presenting "Be Our Guest" certificates to those participating in the program. The certificates will enable each member with a certificate to receive a free hamburger at any McDonald's. Connorton stated, "The new association between the Boy

Scouts of America and McDonald's marks the beginning of a mutual program to serve the youth of the community. It is expected that over 200 new members will join the Scouting program as part of the fall recruiting program."

Connorton is a member of the Cambridge Council BSA Executive Board and a life long resident of Cambridge. Active in many community programs he will work to develop the participation by the 50 Scouting units of Cambridge.

Parents of young boys interested in joining the Scouting program will be urged to mark September 27 on their calendars. The recruiting day will be an excellent opportunity to join the Scouting programs and to receive all the information that will assist boys and parents in becoming involved in one of the oldest youth programs in the country.

MCZ offers programs for children

Vacation is over but at the Harvard University Museums of Natural History the fun goes on.

Using games and projects as well as the magnificent museum collection From Aardvarks to Zebras: Mammals A to Z, the after school program (3:30 to 4:45 pm), will explore mammals of all kinds, their biology, behavior and diversity. The section for 6-8 year olds starts Wednesday, September 10, with an upper level program for 9-11 year olds starting Thursday, September 11. Both run for seven weeks.

Preschoolers (3 1/2 to 5 years) and

their parents will experience the people of Africa on an African safari Saturday mornings from 10:30 am to 12 noon. They will create an African animal habitat and make their own Liberian mask as they learn about the continent of Africa from east to west. There will be five classes starting September 20 with a break October 11th.

All programs require advance registration. Please call Harvard University Museums of Natural History, 495-2341, for more information.

CCC parents set benefit gospel concert

The New Jersey Mass Choir will sing a Gospel Concert on Saturday, October 18, at 8 p.m. at the Regency Auditorium, MIT, 77 Massachusetts Ave.

This benefit concert is sponsored by the Parents Group of the Cambridge Community Center, a non-profit, multi-purpose community center serving the needs of Cambridge children and adults through its after-school, adult and elder programs.

Tickets may be purchased at the

following locations: Skippy White's, 1783 Washington St., Boston; 1647 Blue Hill Ave., Mattapan; New Words Bookstore, 186 Hampshire St., Cambridge and Cambridge Community Center, 5 Callender St.

Ticket prices are \$10 or \$12 at the door. A limited number of \$5 children's tickets are available.

Several local collegiate Gospel groups will also perform during intermission. For additional information about the concert, call the Cambridge Community Center, 947-6811.

PUBLIC NOTICE

The Ordinance Committee for the City of Cambridge will conduct a public hearing on Thursday, September 18, 1986 at 5:00 p.m. in the Sullivan Chambers, City Hall, Cambridge, Massachusetts to consider the proposed General Ordinance amendment entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge". All interested persons are requested to attend and be heard.

For the Committee, Councilor William H. Walsh, Chairman

"Sweet in Style" CLEARANCE "LEOTARDS" SIZES 10 TO 14 30% to 40% OFF RETAIL EVERY DAY CABRIOLE & DANSKIN (Dealers) INSTRUCTOR DISCOUNTS • Dance Wear • Exercise Wear • Active Wear • "High" Style "Low" Prices We have a Layaway Plan Call... 438-8107 OPEN DAILY Rose Tree Plaza 271 Main St., Stoneham, MA

REAL ESTATE WEEKLY By Don and Joetta Silva Century 21 Silva Realty Associates INVESTING IN REAL ESTATE Many people who play the real estate investment game are doing very well. The potential for income, appreciation and tax savings makes investment property especially attractive. Before you dive in, it's important to get professional advice. You may want to start with a personal financial advisor who can help you set your investment goals. Then your Realtor can help you select a competitively-priced property that meets these goals, and he can answer questions about why a particular property is a solid investment. What features would make it easy to rent? What kind of maintenance expenses are you likely to incur? What will your cash flow be, and how will the tax savings affect the bottom line? Is it in a neighborhood where property values are likely to increase or decrease, or will the prices remain relatively stable? At Century 21 Silva Realty Associates, our professional Realtors are especially knowledgeable about investment property. Please give us a call at 641-2525 in Cambridge.

Births

At Mount Auburn Hospital:

To Ellen (Hoadley) and Frederick W. Faller of Cambridge, a daughter, Rachel Constance, born June 29, Grandparents are Alan and Ruth Faller of Maryland and Roger and Joyce Hoadley of New York. Great grandparents are Mrs. Ethel Faller of West Roxbury, Harold and Rachel Freiler of New York, H. Orlo and Rita Hoadley of New York, and Charles and Janet Nichols also of New York.

To Theresa (Cyr) and Richard J. Audeus of Cambridge, a son, Scott, born August 17. Grandparents are Mrs. Blanche Audeus of Cambridge and Mr. and Mrs. Joseph H. Cyr of Cambridge. Great grandmother is Mrs. Alvina Cyr of Cambridge.

To Nancy (Boisvert) and Edward G. Sullivan II of Cambridge, a son, Edward G. III, born August 9. Grandparents are Mr. and Mrs. Edward G. Sullivan of Brockton and Mr. and Mrs. Robert Boisvert of Maine. Great grandmother is Mrs. Antoinette Papaleo of Cambridge.

To Madeline J. MacFarland and Joseph Donahue of Cambridge, a son, Joseph R. Donahue, born August 8. Grandparents are Mildred and Carl MacFarland of Cambridge; Mrs. Anna Gray of South Boston and Mrs. Theresa Donahue of Dorchester. Great grandparents are Mr.

and Mrs. Josephine LaRocca of Florida.

To Carol R. (Johnson) and Jeffrey Abernathy of Cambridge, a daughter, Taresha Danielle, born August 17. Grandparents are Mr. and Mrs. Bobby E. Jones of Tennessee and Mr. and Mrs. S. Johnson of Cambridge.

To Mr. and Mrs. Edward D. Porter of Cambridge, a daughter, Patricia Mary, born July 28. Grandparents are Mr. and Mrs. Donald Porter of Pennsylvania and Mr. and Mrs. William R. Paine of Cambridge.

To Mr. and Mrs. David M. Moura of Medford, a daughter, Kristin Ann, born July 22. Grandparents are Teresa Sonia of Saugus and Ronald Musto of Reading. Great grandfather is Samuel Musto of Florida.

To Mr. and Mrs. Roy P. Charles of West Cambridge, a son, Andrew Edward, born July 21. Grandparents are Mona Charles of Cambridge and Evelyn Lint of Cambridge.

To Mr. and Mrs. Leonard J. DiPietro of Arlington, a son, Leonard Joseph, born July 19. Grandparents are Mr. and Mrs. Joseph Battinelli of Arlington and Mr. and Mrs. Modestino DiPietro of Cambridge. Great grandparents are Adalgisa Volo of Cambridge, Elisa Battinelli of Somerville, Angela Iannacci of Cambridge and John Iannacci of Groton.

Youth job training is offered

Just-A-Start, a private, non-profit housing and community service corporation in Cambridge, is currently accepting applications from out-of-school youth, aged 16 to 21, for a six-month, youth training and employment program.

Funding for the sixth consecutive year from Employment Resources Inc. (ERI), has made 15 additional positions available in Just-A-Start's year-round program for youth living in Cambridge, Somerville, Watertown, Chelsea, Malden, Everett, and 14 other communities.

Youth accepted into the program

will participate in occupational skills training, vocational counseling, and CDD preparation programs while providing housing rehabilitation and energy conservation services in Cambridge neighborhoods. To apply, contact Just-A-Start at 492-7900.

This summer, through ERI's Summer Youth Employment Program (SYEP), an additional 13 youths participated in Just-A-Start's summer training program. For the 10th summer, Just-A-Start served as a special project for the SYEP program providing special learning opportunities for youth aged 14-21.

Retirement housing forum set by BU

Boston University's Gerontology Center is sponsoring a two-day conference, "Housing for Retirement: The Emerging Market," September 18 and 19 at the Royal Sonesta Hotel in Cambridge. Registration begins at 2 pm on September 18.

A variety of speakers will make presentations on effective manage-

ment and market techniques. The conference will run until 2:30 pm on the 19. The \$145 registration includes all meals and materials; the deadline for registration is September 10. Special lodging rates are available at the Royal Sonesta Hotel for participants. For further information and registration, contact Sylvie Taylor at 855-5045.

Hospital sets talks on learning problems

"Learning Disabilities: Implications for the Classroom" will be presented by Youville Hospital on Saturday, October 25, at the Hyatt Regency Hotel in Cambridge from 8 am to 4 pm. Keynote speaker, Marcel Kinsbourne, M.D., coauthor of "Children's Learning and Attention Problems" will speak on "Learning Disabilities: State of the Art."

During the program, other featured speakers and topics include: Margaret Bauman, M.D., moderator; Martha Collette, Ph.D., "Learning Disabilities: Interventions at the Learning Site...Theoretical Implications for Behavior Management"; Deborah Felm, Ph.D., "Hemispheric Functioning"; Carolee Greemes, Ed.D., "Implications for Mathematics"; Thomas Kemper, M.D., "The Anatomy of Dyslexia"; and Charlene Peshoki, O.T.R., R.P.T., "Implications for Motor Development."

This program is designed for

special education teachers, classroom teachers, pediatricians, school nurses, child psychologists, speech pathologists, nurse practitioners, occupational therapists, physical therapists, physicians and others working with children who have learning disabilities.

Registration fee is \$85, including luncheon. For more information, call or write to Youville Hospital, Health Education Department, 1575 Cambridge Street, Cambridge, Massachusetts, 02238, 876-4344, ext. 360.

Youville Hospital is a 305-bed hospital which provides intensive rehabilitation to the physically disabled and a full range of medical care to the chronically ill. In addition, Youville Hospital operates an outpatient rehabilitation department for children and adults, an outpatient podiatry clinic and the School of Practical Nursing.

Mayor's Cup tournament is planned

The 1986 Mayor's Cup Tournament will be held at Cameau Field located on Rindge Avenue on Saturday, September 13, and Sunday, September 14. The participants will be the first place teams from the four divisions.

Saturday: 10 am, North vs. East minors; 12 noon, Central vs. West minors; 2 pm, North vs. East majors; and 4 pm, Central vs. West majors.

Sunday: 1 pm, Minor finals; and 3:15 pm, Major finals.

Ruth League plans tryouts

Tryouts for the 1987 Cambridge Babe Ruth League season will be held on Saturday, September 20, at 9:30 am at Donnelly Field, and Sunday, September 21, at 12 noon at St. Peter's Field (hardball diamond).

Any youth between the ages of 13 to 15 in '87 interested in playing the 1987 season MUST tryout on one of these two dates. In case of rain tryouts will be held the following weekend.

Correction

In the caption to a photograph in the Aug. 28 issue of the Chronicle, depicting officials of Curtis Convenience food stores donating funds to restore the Fletcher School playground, the first name of Ralph D. Teedesch was incorrectly given. The Chronicle regrets the error.

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The NEW SCHOOL OF MUSIC 25 Lowell Street, Cambridge, Massachusetts 02138 David Deveaux, Director I pleased to announce offerings for 1986-1987 Tenth Anniversary Year! Individual Instruction in: Piano, Voice, Strings, Woodwinds, Suzuki, Guitar, Jazz, Chorus, Folk Studies, Recorder. Classes Include: The Toddler's Program, Eurythmics, Adult and Youth String Orchestras, Piano Corner for Kindergarten and First Grade Students, Improvisation, Theory, Solfege, Chamber Ensembles, Jazz Ensemble and Jazz History, Wind Ensemble, String Quartet Workshop, From Violin to Viola, Dulcimer Group Class. New School Community Chorus Music Therapy Program OPEN HOUSE! Sunday, September 14, 2-5 p.m. Registration now through September 15 for FALL TERM 492-1105

Here's Another Teller That Doesn't Know When To Quit. A Shawmut Electronic Teller Grand Opening We work hard during banking hours to take care of our customers. But we know it's hard for some of our customers to come in while we're working. And, even if they can come in, sometimes there's a line. So we've installed yet another Shawmut Electronic Teller. It stays on the job 24 hours a day, 365 days a year. So, no matter when you get to the bank, it's ready to serve you. For example, it can help you with cash withdrawals, deposits, transfers and account information. You can even use it to make loan or credit card payments. The new Shawmut Electronic Teller. It's just further proof that we're always here for you. Look To Us For Direction. New Location: Porter Square, Star Market Parking Lot.

We the members of the Harvard community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Glenn A. Chernigoff</i>	Glenn Chernigoff	111 Hastings	CAMBRIDGE	MA	02138	
2				"	"	"	
3				"	"	"	
4				"	"	"	
5				"	"	"	
6				"	"	"	
7				"	"	"	
8				"	"	"	
9				"	"	"	
10				"	"	"	
11				"	"	"	
12				"	"	"	
13				"	"	"	
14				"	"	"	
15				"	"	"	
16				"	"	"	
17				"	"	"	
18				"	"	"	
19				"	"	"	
20				"	"	"	

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Abigail Shapiro	ABIGAIL SHAPIRO	THAYER 12 HARVARD	CAMBRIDGE	MA	02138	
2	Kate Flath	KATE FLATHER	CURRIER D202 HARVARD	"	"	"	
3	Julie Weston	Julie Weston	Currier DIA, Harvard	"	"	"	
4	Yvonne Cheng	Yvonne Cheng	Currier B-407 Harvard	"	"	"	
5	Paul A. Zielinski	PAUL S. ZIELINSKI	CURRIER B-301	"	"	"	
6	Lisa L. Blackwell	Lisa L. Blackwell	Currier B 314	"	"	"	
7	Valerie Silverman	VALERIE SILVERMAN	Currier G 501	"	"	"	8-6093
8	Collin Stutte	COLLIN STUTTE	" G420	"	"	"	
9	Monica Bhattacharya	Monica Bhattacharya	Winthrop F-24	"	"	"	8-3307
10	Sean D. Pierce	SEAN PIERCE	CURRIER D3	"	"	"	8-6056
11	Leo Ramos	LEO RAMOS	CURRIER B309	"	"	"	8-6968
12	Chris Nathan	CHRIS NATHAN	54A GARDEN ST.	"	"	"	354-4400
13	Donald E. Webb	Donald E Webb	64 Linn	"	"	"	6889
14	David Cook	David Cook	Currier	"	"	"	
15	Gregory Musselman	Gregory Musselman	64 Linnaean	"	"	"	
16	Lea A. Fasano	Lea A. Fasano	64 Linnaean	"	"	"	8-7044
17	Karen B. Stupski	Karen Stupski	64 Linnaean	"	"	"	8-6913
18	Jennifer J. Reifel	Jennifer Reifel	64 Linnaean	"	"	"	8-6887
19	Horace Lindsay	HORACE LINDSAY	273 SUMMER ST	"	"	"	628-6251
20	Andreas Follesdal	ANDREAS FOLLESDAL	64 LINNAEAN	"	"	"	498-7405

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Dennis Gours</i>	Dennis Gours	Levitt G-25	CAMBRIDGE	MA	02138	498-2744
2	<i>Suzanne Seger</i>	Suzanne Seger	25 De Wolfe	"	"	"	868-6501
3	<i>Aaron Carlos</i>	Aaron Carlos	Marner 130	"	"	"	498-4600
4	<i>Christopher Dole</i>	Christopher Dole	Coverett G-01	"	"	"	8-2872
5	<i>M. Marsen Redden</i>	M. Marsen Redden	Caracutan A-34	"	"	"	498-8224
6	<i>Darin Scimmere</i>	Darin Scimmere	22 Canal St. Apt 16	Somerville	"	02143	828-4370
7	<i>Stephen Sweet</i>	Stephen Sweet	Lev G-42	CAMBRIDGE	"	02138	8-7820
8	<i>Tyler Latin</i>	Tyler Latin	Levitt F-46	"	"	"	8-2119
9	<i>[Signature]</i>	<i>DAVID SWANSTON</i>	<i>corner 7202</i>	"	"	"	8707
10	<i>Lisa A. Bindor</i>	Lisa A. Bindor	Quincy 325	"	"	"	8-7304
11	<i>Michael N. Smith</i>	Michael N. Smith	64 Lincoln St., Cambridge	"	"	"	8-6977
12	<i>Tom Malone</i>	Tom Malone	Carrier B305	"	"	"	8-6965
13	<i>Roxane Reardon</i>	Roxane Reardon	Carrier G205	"	"	"	8-6858
14	<i>Yakir Siegal</i>	Yakir Siegal	Carrier D211	"	"	"	8-6077
15	<i>Phil Fry</i>	Phil Fry	Carrier G422	"	"	"	8-6923
16	<i>Allison Grossman</i>	Allison Grossman	Carrier B208	"	"	"	8-6996
17	<i>Derek Van Deusen</i>	Derek Van Deusen	Carrier B211	"	"	"	498-6950
18	<i>Craig Ewington</i>	CRAIG EWINGTON	CARRIER B213	"	"	"	498-6950
19	<i>S.B. Lawton III</i>	S.B. Lawton III	Carrier B221	"	"	"	498-6959
20	<i>Danu Ascherman</i>	Danu Ascherman	Carrier G-321	"	"	"	448-6898

ADDITION TO HBSI LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1		Amanda Stevenson	64 Linnaean St.	CAMBRIDGE	MA	02138	498-6914
2		Yi-Fun Hsueh	64 Linnaean, G-319	"	"	"	498-6896
3		Jean Andino	64 Linnaean St	"	"	"	498-7085
4		Eryck Bredy	" " "	"	"	"	498-5217
5		Erika Robinson	64 Linnaean St	"	"	"	498-6904
6		SUZY REICH	64 Linnaean St	"	"	"	498-6087
7		Gary Susman	"	"	"	"	498-6094
8		Dennis Hernandez	"	"	"	"	498-6934
9		CALLIE J. HUBER	"	"	"	"	498-7039
10		LYNN W. YANG	"	"	"	"	498-6117
11		Jesus I. Ramirez	Lowell Hse. E13	"	"	"	498-2930
12		Carmen Coley	Carrier G-317	"	"	"	498-6893
13		Randy Parster	Winthrop 3-33	"	"	"	478-3369
14		TAMARA FISH	64 LINNAEAN ST, T413	"	"	"	498-7566
15		KEVIN YARDEZ	Corner D-410	"	"	"	498-6112
16		ERIC SEALINE	CARRIER T-100	"	"	"	498-7106
17		RESINA SHASHA	Carrier T-503	"	"	"	498-7075
18		DONALD PETERSON	64 LINNAEAN ST	"	"	"	498-6090
19		JACKIE KLOPP	Carrier T-307	"	"	"	498-7040
20		Mauricio Cuenas	Adams G-12	"	"	"	498-2113

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Susan H Rabin</i>	SUSAN H. RABIN	60 LINNAEAN ST.	CAMBRIDGE	MA	02138	
2	<i>Brian J Stevens</i>	Brian J. Stevens	64 Linnaean St	"	"	"	
3	<i>Jae H Synn</i>	JAE H. SYNNE	64 Linnaean	"	"	"	6972
4	<i>Robert D Chapski</i>	Robert D Chapski	Currier JW32 "	"	"	"	6363
5	<i>Marjorie Ingall</i>	Marjorie Ingall	Currier G206	"	"	"	6859
6	<i>Lau Liang</i>	Lau Liang	Currier T101	"	"	"	7493
7	<i>Polly Johnson</i>	Polly Johnson	Currier G406	"	"	"	6904
8	<i>Randall Hoffmann</i>	Randall Hoffmann	" B5E	"	"	"	49-701
9	<i>Jackie Hayes</i>	Jackie Hayes	CURRIER D1E	"	"	"	6055
10	<i>Denise Pino</i>	Denise Pino	Currier B206	"	"	"	6942
11	<i>Christopher Schelleny</i>	CHRISTOPHER SCHELLENGY	STRAUS A-12	"	"	"	3777
12	<i>Jason Patent</i>	Jason Patent	Grays W26	"	"	"	3469
13	<i>Michelle Desus</i>	Michelle Desus	64 LINNAEAN ST	"	"	"	6975
14	<i>Sean A. Baulger</i>	Sean A. Baulger	Currier D-317	"	"	"	8-6100
15	<i>Eric W. Terman</i>	Eric W. Terman	Currier A-202	"	"	"	8-5232
16	<i>Larry Baum</i>	Larry Baum	12 Walker St.	"	"	"	8-6622
17	<i>Tricia Callaghan</i>	Tricia Callaghan	Currier D417	"	"	"	8-6118
18	<i>Joel Hufner</i>	Joel Hufner	Currier G-101	"	"	"	8-6850
19	<i>Eric W. Hufner</i>	Eric Hufner	Currier B202	"	"	"	8-6978
20	<i>Coley Buellfeld</i>	Coley Buellfeld	Currier D-314	"	"	"	8-6099

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Michael Locker</i>	Michael Locker	Tordan W#2	CAMBRIDGE	MA	02136	498-7474
2	<i>Wanda Dudley</i>	Wanda Dudley	Currier 6313	"	"	"	498-6889
3	<i>Michael Isedman</i>	Michael Isedman	Currier T210	"	"	"	498-7025
4	<i>Sandra G Fine</i>	Sandra G Fine	Currier B218	"	"	"	498-6955
5	<i>Paul G Lannon</i>	Paul G Lannon	Currier T103	"	"	"	-5229
6	<i>Lily Shang</i>	Lily Shang	Currier D1B	"	"	"	-6052
7	<i>Daniel Mendez</i>	Daniel Mendez	Currier B404	"	"	"	8-6985
8	<i>Kristen Boling</i>	Kristen Boling	Currier D1C	"	"	"	8-6053
9	<i>Denise Littlejohn</i>	Denise Littlejohn	Currier B412	"	"	"	498-6995
10	<i>Anne Needham</i>	ANNE NEEDHAM	Currier T308	"	"	"	498-7041
11	<i>Julie L Novkov</i>	Julie L Novkov	Currier D205	"	"	"	498-6071
12	<i>Sophia A van Wingerden</i>	Sophia A van Wingerden	Cabot Elliot 341	"	"	"	4986139
13	<i>Siddhartha Mitter</i>	Siddhartha Mitter	Currier	"	"	"	4986111
14	<i>Stanley F. Rajca</i>	STANLEY F. RAJCA	MARSH 171	"	"	"	498-8645
15	<i>Herbert Y Lin</i>	Herbert Y Lin	Currier 6104	"	"	"	498-6879
16	<i>Robert Martwee</i>	ROBERT MARTWEE	CURRIER G419	"	"	"	498-6800
17	<i>Ethan S. Simon</i>	Ethan S. Simon	Currier B503	"	"	"	498-7401
18	<i>Jon Imber</i>	JON IMBER	32 Clifton St.	"	"	"	
19	<i>Bamidele Jaysoni</i>	Bamidele Jaysoni	Gounnean St.	"	"	"	4986130
20	<i>James Pak</i>	James Pak	64 Linnean St	"	"	"	498-7028

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Robert J. Toner	Robert J Toner	Currier D-209	CAMBRIDGE	MA	02138	
2	D. Brockmeyer	DIANE BROCKMEYER	" G 211	"	"	"	
3	Joseph Barloon	Joseph Barloon	Currier D411	"	"	"	4108-6113
4	Bradford P. Wilson	BRADFORD WILSON	" B222	"	"	"	498-6960
5	Elizabeth Follstad	Elizabeth Follstad	" B-100	"	"	"	498-7405
6	Alyssa R. Fico	ALYSSA R FICO	Currier T102	"	"	"	8-5733
7	Susannah French	Susannah French	Currier G403	"	"	"	8-6902
8	Becca Rothschild	Becca Rothschild	4 Trowbridge Pl, Apt 32	"	"	"	492-8724
9	David Greene	David Greene	Cabot W427	"	"	"	86410
10	Leslynn Maraudis	Leslynn Maraudis	Currier House D-416	"	"	"	8-6118
11	Irene Herlihy	Irene Herlihy	Currier House D301	"	"	"	8-6085
12	Mark Berger	Mark Berger	Currier D407	"	"	"	86110
13	Steven R. Tompkins	Steven R. Tompkins	Currier 208	"	"	"	7038
14	Karen Bergeen	KAREN BERGEEN	"	"	"	"	
15	Stephanie D. Wilson	STEPHANIE D WILSON	Currier T-412	"	"	"	498-7065
16	Sudith Buttin	Sudith Buttin	Currier J13	"	"	"	83362
17	Greg Ernst	Greg Ernst	Currier B-418	"	"	"	8-2001
18	Joshua P. Bogen	Joshua P. Bogen	95 Walker Street	"	"	"	8-6346
19				"	"	"	
20	Mark Chavez T.A. Duckenfield	MARK CHAVES Tom Duckenfield	51 Hanson St. Somerville 206 Stacy Hall 12 Everett St			02143	776-9372

02138 498-5132

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Raoul Henrin	RAOUL HENRIN	Canaday C-34	Cambridge	MA	02138	498-8291
2	David Koffman	DAVID KOFFMAN	ZEVROTT F-11	"	"	"	498-2696
3	Janet Hatfield	JANET HATFIELD	224 Belmont St. Watertown	"	MA	02172	926 5150
4	Markus Dubber	MARKUS DUBBER	ELIOT M-42	"	"	02138	498-2463
5	David Fröge	DAVID FRÖGE	DUNSTON I-43	"	"	"	
6	Paul Felix	PAUL FELIX	WIGGLESWORTH J-12	"	"	"	
7	Robert M. Perkins	Robert Perkins	Eliot B-11	"	"	"	498-2335
8	Bi Hall	Brian Hill	10 Elly	"	"	"	491-4636
9	JENNIFER PRATT	JENNIFER PRATT	KIRKLAND L-22	"	"	"	498-2608
10	Gran Hood	GRAN HOOD	STRAUS B-31	"	"	"	498-3784
11	Suzanne R. Sisak	SUZANNE R. SISAK	Canaday G-31	"	"	"	498-8444
12	Inger Dewey	Inger Dewey	Eliot D-91	"	"	"	498-2366
13	Katthe Aschenbrenner	Katthe Aschenbrenner	Eliot N-24	"	"	"	498-7859
14	Darryl Laddin	Darryl Laddin	Eliot E-11	"	"	"	498-4662
15	Uio Barco	Uio BARCO	36 Walker #2	"	"	"	8765304
16	Jon Israel	Jon ISRAEL	ELIOT O-31	"	"	"	498-247
17	David Hicks	David Hicks	Eliot H-51	"	"	"	498-2420
18	James F. Cook	JAMES F. COOK	ELIOT H-51	"	"	"	"
19	Leslie Cheek	Leslie Cheek	Eliot C-51	"	"	"	8-2356
20	David Lee	DAVID LEE	Eliot B-31	"	"	"	8-2340

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Jeffrey R. Peltier	Jeffrey R. Peltier	Eliot B-11	Cambridge	MA	02138	617-498-2335
2	Tom Prochnow	Tom Prochnow	Eliot I-21	Cambridge	"	02138	8-2423
3	David Van	DAVID VAN	STRAUS A-32	CAMB	"	02138	8-5778
4	Harry Hårdemaal	Harry Hårdemaal	Eliot I-45	"	"	"	8-2433
5	Robert R. Bishop	Robert R. Bishop	ELIOT M-32	"	"	"	8-2461
6	Greg Chalmers	Greg Chalmers	Eliot I-51	"	"	"	8-2434
7	Samantha Krawltor	Samantha Krawltor	Eliot N-42	"	"	"	8-7859
8	Hilary L. Graham	Hilary Graham	Eliot B4	"	"	"	8-2342
9	Walter M. Nagle	Walter M. Nagle	Eliot K-53	"	"	"	8-2453
10	Hugh M. Cole	Hugh M. Cole	Eliot K-53	"	"	"	8-2447
11	Cordelia D. Roosevelt	Cordelia D. Roosevelt	Eliot C-43	"	"	"	8-2355
12	SV Trachte	SV Trachte	Eliot F-23	"	"	"	8-2385
13	Richard Glew	Richard Glew	Eliot J-51	"	"	"	8-2441
14	Bernal John Dator Jr	Bernal John Dator Jr	Eliot M-42	"	"	"	8-2463
15	Mikhail S. Lari	MIKHAIL S. LARI	ELIOT K-51	"	"	"	8-2452
16	Thomas C. Monahan	Thomas C. Monahan	Eliot K-42	"	"	"	8-2450
17	Florence West	Florence West	210 Columbia St	"	"	"	354-3507
18	Ian D. Highet	IAN D. HIGGET	Eliot A-22	"	"	"	8-2333
19	Jeff Marks	JEFF MARKS	Eliot E-21	"	"	"	8-2372
20	Ben Nye	Ben Nye	Eliot F-42	"	"	"	8-7148

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Amy S. Gottlieb</i>	AMY S. GOTTLIEB	Eliot House	CAMBRIDGE	MA	02138	8-2449
2	<i>Michael S. Devlin</i>	MICHAEL S. DEVLIN	ELIOT HOUSE	"	"	"	8-6881
3	<i>Kaye Yoshino</i>	KAYE YOSHINO	Eliot House	"	"	"	8-2405
4	<i>Richard van der Borch</i>	Richard van der Borch	E-HOUSE	"	"	"	2431
5	<i>Catherine Morgan</i>	CATHERINE MORGAN	ELIOT I-3A	"	"	"	8-2428
6	<i>Bradley E. Wheeler</i>	BRADLEY E. WHEELER	STRAUS A-32	"	"	"	8-3778
7	<i>Louise Boone</i>	LOUISE BOONE	Eliot H-21	"	"	"	8-7193
8	<i>Anne T. Sweetser</i>	ANNE T. SWEETSER	Eliot B-22	"	"	"	8-2339
9	<i>Mindara Marie Boyce</i>	Mindara Marie Boyce	Eliot C 43	"	"	"	8-2355
10	<i>Ted Stimpson</i>	Ted Stimpson	Eliot H-51	"	"	"	8-2420
11	<i>Alan Heimert</i>	ALAN HEIMERT	ELIOT N-22	"	"	"	5-2267
12	<i>Karin L. Anderson</i>	KARIN L. ANDERSON	Eliot D-21	"	"	"	8-2360
13	<i>Steven M. Steele</i>	Steven M. Steele	Eliot E52	"	"	"	8-2379
14	<i>Peter Palandjian</i>	Peter Palandjian	Eliot A-33	"	"	"	8-794
15	<i>A. Leith Benjamin</i>	A. Leith Benjamin	197 ST. BOTOLPH ST. #4 Boston, Ma. 02115	BOSTON	Ma	02115	238-1166
16	<i>Dulce Roman</i>	Dulce Roman	Eliot H 44	"	"	"	8-2417
17	<i>Venkatalakshmi G. Rajan</i>	Venkatalakshmi G. Rajan	Dunster I-11	"	"	"	8-2276
18	<i>Chivittel Cochran</i>	Chivittel Cochran	Dunster C-53	"	"	"	8-2197
19	<i>Helena Chen</i>	HELENA CHEN	Dunster F-12	"	"	"	8-2222
20	<i>Robert Ziff</i>	Robert Ziff	Dunster I-52	"	"	"	8-2285

STATEMENT OF MEMBER SIGNATURES

We the members of the Harvard community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Kenneth E. Lee</i>	KENNETH E. LEE	ELIOT G-34	CAMBRIDGE	MA	02138	8-2401
2	<i>James A. Himes</i>	James A. Himes	Eliot G-32	"	"	"	8-7449
3	<i>Lynne Haven</i>	Lynne HAVEN	Eliot B-21	"	"	"	
4	<i>Andrew J Powell</i>	Andrew J Powell	Eliot D-42	"	"	"	
5	<i>Laura Glynn</i>	Laura Glynn	Eliot C-53	"	"	"	8-7858
6	<i>Katherine Eddy Cox</i>	Katherine Cox	Claverly 25	"	"	"	8-5423
7	<i>Stephen C. Szaraz</i>	STEPHEN C. SZARAZ	ELIOT N-43B	"	"	"	5-2275
8	<i>Blon Y. Tsang</i>	Blon Y. TSANG	ELIOT L11	"	"	"	8-2454
9	<i>Jennifer Raiber</i>	JENNIFER RAIBER	2 Waver St #201 Cambridge	"	"	"	777 492-8673
10	<i>Don Bacon</i>	DONALD BACON	ELIOT K-11	"	"	"	
11	<i>Holly Kaslewicz</i>	Holly Kaslewicz	Mather House 50	"	"	"	8-4530
12	<i>Matthew Florence</i>	MATTHEW FLORENCE	DUNSTER C-13	"	"	"	8-2172
13	<i>Gary Negeaur</i>	GARY NEGBAUR	DUNSTER B-22	"	"	"	8-2243
14	<i>Barton B. Clark</i>	BARTON B. CLARK	Matthews 007	"	"	"	8-3634
15	<i>A. L. Causey</i>	A. L. CAUSEY	DUNSTER C-52	"	"	"	8-2195
16	<i>Hae-Jung Shin</i>	Hae-Jung Shin	Dunster D-41	"	"	"	8-2203
17	<i>Stephen Cohen</i>	Stephen Cohen	Dunster F-33	"	"	"	8-2230
18	<i>Betsy Fishman</i>	Betsy Fishman	Leverett G-63	"	"	"	8-2819
19	<i>Josua Borstein</i>	JOSUA BORSTEIN	Dunster K-12	"	"	"	8-2309
20	<i>Beth Campbell</i>	Beth Campbell	Dunster J-41	"	"	"	8-2291

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>D. J. J.</i>	Daniel Juge	Dunster K-21	Cambridge	MA	02138	8-2305
2	<i>Chad Jones</i>	Chad Jones	Dunster C-13	Cambridge	MA	"	8-2172
3	<i>Sandra Williams</i>	SANDRA WILLIAMS	Dunster J-31	Cambridge	MA	"	8-2528
4	<i>Amalie Tuffin</i>	AMALIE TUFFIN	Dunster F-21	Cambridge	MA	02138	8-2227
5	<i>Judith R. Miller</i>	Judith R. Miller	Dunster C-26	Cambridge	MA	02138	498-2315
6	<i>Sue Edwards</i>	Sue Edwards	Dunster G-55	"	"	"	8-2058
7	<i>Susie Steinbach</i>	Susie Steinbach	Dunster D-11	"	"	"	8-2208
8	<i>David Cheng</i>	David Cheng	Dunster C-14	"	"	"	8-2172
9	<i>Paul Green</i>	Paul Green					
10	<i>Anita Sil</i>	ANITA SIL	Dunster H-21	Cambridge	MA	02138	8-3626
11	<i>Piotr Makula</i>	PIOTR MAKULA	Dunster Y-33	"	"	"	8-2289
12	<i>Larry Nash</i>	Larry Nash	Dunster F-31	Cambridge	MA	02138	8-2278
13	<i>Andrew Nash</i>	ANDREW NASH	DUNSTER G-31	CAMBRIDGE	MA	02138	8-2245
14	<i>Cynthia Volckert</i>	CYNTHIA VOLCKERT	DUNSTER G-43	"	"	"	8-2250
15	<i>Robert Morris</i>	Robert Morris	Dunster D-32	"	"	"	8-2317
16	<i>Neil McAtiley</i>	Neil McAtiley	Dunster J-21	"	"	"	8-2286
17	<i>Arthur Kotten</i>	ARTHUR KOTTEN	" G-45	"	"	"	8-2262
18	<i>Paulo Carozza</i>	PAULO CAROZZA	79 Marlboro	Belmont	"	02178	
19	<i>Scott Chavez</i>	Scott Chavez	Dunster F-44	CAMBR	"	02138	8-2233
20	<i>Peter Jones</i>	Peter Jones	Dunster A-21	"	"	"	8-2152

LETTER TO THE LABORATORY ANIMALS

We the members of the Harvard community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Esther Yuh</i>	Esther Yuh	Dunster G-62	CAMBRIDGE	MA	02138	8-2260
2	<i>Andrew Beer</i>	ANDREW BEER	DUNSTER K-12	"	"	"	8-2303
3	<i>Jennifer Gorda</i>	Jennifer Gorda	Dunster G-54	"	"	"	8-2257
4	<i>Chris Van der Sijde</i>	Chris Van der Sijde	Dunster G-22	"	"	"	8-2243
5	<i>Wendy Perrin</i>	WENDY PERRIN	DUNSTER K-31	"	"	"	8-2306
6	<i>Pauley Moeller</i>	Pauley Moeller	" K-32	"	"	"	8-2307
7	<i>Alexandra Moellmann</i>	Alexandra MOELLMANN	Dunster E-52	"	"	"	8-2222
8	<i>John Moon</i>	John Moon	Dunster A-12	"	"	"	8-2148
9	<i>Warren Chao</i>	WARREN CHAO	DUNSTER E23	"	"	"	8-2211
10	<i>Flora Houn</i>	Flora Houn	Dunster C-53	"	"	"	"
11	<i>Philip Duly</i>	Philip Duly	" E-33	"	"	"	8-2216
12	<i>Elizabeth Pittman</i>	Elizabeth Pittman	Dunster A-15	"	"	"	8-2157
13	<i>Dan Buchanan</i>	Dan Buchanan	Dunster H-24	"	"	"	8-2263
14	<i>Edward M Lockery</i>	Edward M Lockery	Dunster B-22	"	"	"	8-2164
15	<i>Steven Feuer</i>	STEVEN FEUER	Dunster K-22	"	"	"	8-2304
16	<i>Nathan Feltus</i>	Nathan Feltus	Dunster E-42	"	"	"	8-2318
17	<i>Richard Peaslee</i>	Richard Peaslee	Dunster I-21	"	"	"	8-2324
18	<i>Scott Atherton</i>	SCOTT ATHERTON	31 Sacramento St. #46.	"	"	"	576-6967
19	<i>Takemi Ueno</i>	Takemi Ueno	Dunster C-15	"	"	"	8-2174
20	<i>James Peregrino</i>	James Peregrino	Dunster F-32	"	"	"	8-2230

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Sarah Busse</i>	Sarah Busse	Cumner 1037	CAMBRIDGE	MA	02138	
2	<i>Julie Bennett</i>	Julie Bennett	28 IRVING	"	"	"	8-4507
3	<i>Gahmk S. Markarian</i>	Gahmk S. Markarian	Dunster H-11	"	"	"	
4	<i>Hanna Kim</i>	Hanna Kim	Dunster C-62	"	"	"	
5	<i>Laura Hundley</i>	Laura Hundley	Mather 302	"	"	"	8-7325
6	<i>Teodoro Silva</i>	Teodoro Silva	Dunster H-32	"	"	"	8-2266
7	<i>JAMES A. ANDERSON</i>	JAMES A. ANDERSON	DUNSTER B-17	"	"	"	8-2163
8	<i>Paul Nguyen</i>	PAUL NGUYEN	641 Dunster	"	"	"	82248
9	<i>JEREMY LEWY</i>	JEREMY LEWY	I-41 Lowell	"	"	"	8-3986
10	<i>Harry Chomsky</i>	Harry Chomsky	Dunster E-24	"	"	"	
11	<i>Katrina Yamin</i>	Katrina Yamin	Dunster C-23	"	"	"	8-2177
12	<i>Trena Bristol</i>	Trena Bristol	Dunster B-23	"	"	"	8-7466
13	<i>Andrew Cohen</i>	Andrew Cohen	Dunster D-22	"	"	"	8-2201
14	<i>Elizabeth Eldridge</i>	Elizabeth Eldridge	Kirkland H 41	"	"	"	8-2567
15	<i>James E. Schwartz</i>	James E. Schwartz	Dunster H-48	"	"	"	8-2272
16	<i>NANCY F. KOEHN</i>	NANCY F. KOEHN	104 ^{1/2} Kennard ^{Cambr-} 02139	"	"	"	876- 7851
17	<i>Catherine O'Dwyer</i>	Catherine O'Dwyer	Dunster D-12	"	"	"	8-2199
18	<i>CONSTANCE LEEGERS</i>	CONSTANCE LEEGERS	DUNSTER A-31	"	"	"	8-2157
19	<i>Rachel Barish</i>	Rachel Barish	Dunster C-42	"	"	"	8-2188
20	<i>TIMOTHY G. HOECHST</i>	TIMOTHY G. HOECHST	DUNSTER A-21	"	"	"	8-2152

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Kristin Gilbertson</i>	KRISTIN GILBERTSON	DUNSTER D-12 Harvard	Cambridge		02138	
2	<i>Eric A. S. Jhan</i>	ERIC A. S. JHAN	DUNSTER G-41	"		"	8-2246
3	<i>Harry A. Chernoff</i>	HARRY A. CHERNOFF	DUNSTER A-11	"		"	8-2147
4	<i>Margaret P. Aymer</i>	MARGARET P. AYMER	DUNSTER C-52 Harvard	"		"	8-2195
5	<i>Gregory J. Pastore</i>	GREGORY J. PASTORE	DUNSTER E-22	"		"	8-2211
6	<i>Trevor Link</i>	TREVOR LINK	DUNSTER G-32	"		"	8-2247
7	<i>Camille S. Baumann</i>	CAMILLE S. BAUMANN	DUNSTER I-51	"		"	8-2284
8	<i>Grace Huang</i>	GRACE HUANG	DUNSTER K-42	"		"	8-2309
9	<i>Gabriel Berger</i>	GABRIEL BERGER	DUNSTER G-53	"		"	8-2256
10	<i>Susan Hahn</i>	SUSAN HAHN	LOWELL a44	"		"	8-2889
11	<i>Samuel S. Wu</i>	SAMUEL S. WU	DUNSTER H-43	"		"	8-2271
12	<i>Sarah M. Hodder</i>	SARAH M. HODDER	DUNSTER C-22	"		"	8-2176
13	<i>Andrea Pake</i>	ANDREA PAKE	DUNSTER H-22	"		"	8-2244
14	<i>Carolyn P. Sawin</i>	CAROLYN P. SAWIN	SEVERETT F-84	"		"	8-2753
15	<i>Chris Lopez</i>	CHRIS LOPEZ	DUNSTER B-22	"		"	8-2164
16	<i>Rich Snyder</i>	RICH SNYDER	DUNSTER C-33	"		"	8-2182
17	<i>David Lieb</i>	DAVID LIEB	LOWELL I-41	"		"	8-2986
18	<i>Stewart Gibson</i>	STEWART GIBSON	DUNSTER B-21	"		"	8-2164
19	<i>Laurence Chang</i>	LAURENCE CHANG	DUNSTER H-24	"		"	8-2264
20	<i>Lee Schwartz</i>	LEE SCHWARTZ	DUNSTER E-13	"		"	8-2209

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Munka Berek	MARTHA BEREK	Dunster E-13	Cambridge		02138	8-2209
2	Lisa Peitchard	LISA Peitchard	Dunster C-26	"	"	"	-
3	Sarah Jane Holcombe	Sarah Jane Holcombe	DUNSTER J-31	"	"	"	8-2328
4	Robert Ajemian	Robert Ajemian	Holworth 4	"	"	"	8-0010
5	Tor Krogerus	Tor Krogerus	Mather House 319	"	"	"	8-7342
6	Barbara Ann White	Barbara Ann White	Dunster B43	"	"	"	8-2170
7	John LaBrache	John LaBrache	82 Lafayette w/11th ²¹⁵⁻⁴	"		"	891-4215
8	Mariaines Benito	Mariaines Benito	Mather 401	"		"	498-7346
9	FREDRIK SVENSTEDT	FREDRIK SVENSTEDT	DUNSTER C-36	"		"	498-2185
10	Mary Sara McPeck	Mary Sara McPeck	Dunster E-31	"		"	498-2202
11	Michael Boukare	Michael Boukare	Dunster J-43	"		"	8-2293
12	Edward Garmey	Edward Garmey	Dunster C-21	"		"	8-2225
13	Emily Stein	Emily Stein	DUNSTER A-32	"		"	8-2158
14	Joseph Kuerner	Joseph Kuerner	Soc. of Fellows # Mt Arden	"		"	5-1274
15	Pang-Mei Chang	Pang-Mei CHANG	Adams J-32	"		"	8-2120
16	BARBARA BESTOR	BARBARA BESTOR	Dunster F-51	"		"	8-2235
17	Stefanie Roth	STEFANIE ROTH	Dunster A-15	"		"	8-2151
18	Kevin Parik	KEVIN PARIK	WINTHROP (WIRE K-11)	"		"	8-3964
19	Elizabeth L. Pearl	Elizabeth L. Pearl	Holworth 21	"		"	8-3583
20	Christine Robinson	Christine Robinson	ELIOT G-51	"		"	8-3563

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Celia Savitz	Celia Savitz	Dunster C-22	Cambridge	MA	02138	
2	Jay Reinhold	JAY REINHOLD	Dunster F-13	"	"	"	
3	Dana R. Crino	Dana R. Crino	Dunster C-21	"	"	"	
4	Jaesang Kim	Jaesang KIM	DUNSTER G14	"	"	"	
5	Karim Lopez	Karim Lopez	Dunster A-22	"	"	"	
6	Alexander J. Kahn	Alexander J. Kahn	Dunster K-11	"	"	"	8-2302
7	Daniel Bertram	Daniel Bertram	Dunster G53	"	"	"	8-2256
8	Julie Wu	Julie Wu	" E-51	"	"	"	8-2222
9	Roberta Peterson	ROBERTA PETERSON	" C15	"	"	"	8-2174
10	Yaritza Colon	Yaritza Colon	" H-53	"	"	"	8-2275
11	Mac La Follotte	Mac La Follotte	C-31	"	"	"	8-2120
12	John Lualaba	JOHN LUALABA		"	"	"	
13	Eina Thornton	Eina Thornton	Dunster B-33	"	"	"	8-2230
14	Kate Grozie	Kate Grozie	Dunster J-41	"	"	"	8-2292
15	Basiliki Katsaros	Basiliki Katsaros	Dunster J-51	"	"	"	8-2299
16	Stevan Coleman	Stevan Coleman	Dunster E-43	"	"	"	8-2231
17	Celia M. Wren	Celia Wren	Quincy D43	"	"	"	8-3216
18	Karl A. Britto	Karl A. Britto	Dunster J-48	"	"	"	8-2298
19	Stacy Cohen	STACY COHEN	DUNSTER C44 HARVARD CORPUS	CAMBRIDGE	MA	02138	498-2190
20	Jennifer Honey	Jennifer Honey	" G-23	"	"	"	8-2244

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Carl J. Rollin	Carl T. Rollin	Lowell 0-14 Harvard College	Cambridge	Ma	02138	998-3063
2	M. Zita J. Ezelele	M. Zita J. Ezelele	Claverly 18, " "	"	"	"	8-3416
3	Christopher Lord	Christopher Lord	Lowell F-21	"	"	"	8-2942
4	Lawrence J. Roman	Lawrence J. Roman	51 Apling Ct.	Cambridge	MA	02138	8-8392
5	Naomi Wortis	Naomi Wortis	Lowell M-31	Cambridge	MA	02138	8-3033
6	Chris Min	Chris Min	Cabot M-54	"	"	"	8-7283
7	Lauren Bruteau	Lauren Bruteau	Lowell M-12	"	"	"	8-3027
8	Karen A. Bell	Karen Bell	Lowell G-32	"	"	"	8-2958
9	José Sanchez	JOSE F. SANCHEZ	Lowell J-12	"	"	"	8-2921
10	Mike Zubulich	Mike Zubulich	Quincy 31A	"	"	"	8-3119
11	Scott Lessing	SCOTT LESSING	Lowell R-21	"	"	"	8-3085
12	Philip Resnik	P. RESNIK	Lowell C-21	"	"	"	"
13	Philip Brittan	P. BRITTON	Lowell K-51	"	"	"	3009
14	Lisa Teidrenberg	L. Teidrenberg	Lowell P-32	"	"	"	3080
15	May Chen	May Chen	Dunster D-31	"	"	"	2202
16	Bronwen Evans	Bronwen Evans	Lowell N-44	"	"	"	3057
17	Alex Manganella	Alex Manganella	Lowell House 0-13	"	"	"	8-3062
18	Karen B. Thomsen	Karen B. Thomsen	Quincy 308	"	"	"	8-3113
19	Ter-Yun C. Fung	Ter-Yun C. Fung	Lowell J-51	"	"	"	8-2998
20	A. Tsantikas	A. TSANTIKAS	Peabody Ter # 31-31	"	"	"	492-6547

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Christopher Wyatt	Christopher Wyatt	Lowell B-21 & 22	CAMBRIDGE	MA	02138	
2	John Logan Nichols	John Logan Nichols	397 Beacon St.	Boston	MA	02116	
3	KYLE O. PRIDEAU	KYLE PRIDEAU	LOWELL A41	CAMBRIDGE	"	"	8-2922
4	Dan Berger	Dan Berger	Cabot J22	"	"	02138	8-6136
5	Michael Curtis	Michael Curtis	Lowell Q-31	"	"	"	
6	Lynn Taylor	Lynn Taylor	Lowell K21	"	"	"	8-3003
7	Kaarina Holla	Kaarina Holla	7 Lewis St. #2 Somerville, MA 02143	Somerville	"	"	78-3046
8	Christopher Avery	Christopher Avery	Lowell D-52	CAMBRIDGE	"	"	8-2927
9	Sheema Khan	SHEEMA KHAN	LOWELL G-21	"	"	"	5-1775
10	Peggy Newell	Peggy Newell	Wadsworth House	"	"	"	5-5925
11	Llewellyn Connolly	Llewellyn Connolly	Lowell O-41	"	"	"	8-3074
12	Carol Chou	Carol Chou	" F-32	"	"	"	8-2945
13	Albert Hung	Albert Hung	Lowell O-25	"	"	"	8-3068
14	Michael Wang	Michael Wang	Lowell K22	"	"	"	8-3004
15	EVAN WILLIAMS	EVAN WILLIAMS	LOWELL H-23	"	"	"	8-2969
16	Ben Nguyen	Ben Nguyen	Lowell D52	"	"	"	8-2927
17	Sarah Zaslav	Sarah Zaslav	Dunster E-52	"	"	"	8-2222
18	Mary Anne Borrelli	Mary Anne Borrelli	Lowell M-24	"	"	"	8-3032
19	Jon Hederman	Jon Hederman	Lowell M-12	"	"	"	8-3026
20	Christopher Van Dike	Christopher Van Dike	Cabot I-42	"	"	"	46-6131

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Lane Barrow	Lane Barrow	16 Holyoke St	CAMBRIDGE	MA	02138	8-5815
2	Javier Lopez	JAVIER LOPEZ	LOWELL J-12	"	"	"	8-2991
3	Mary Shimizu	Mary Shimizu	Dunster D-31	"	"	"	8-2214
4	Eugenia Carris	EUGENIA CARRIS	Thayer 52	"	"	"	8-3855
5	Seiji M. Lippitt	Seiji M. Lippitt	Lowell O-13	"	"	"	8-3062
6	Andrew Lovett	Andrew Lovett	Lowell L-25	"	"	"	8-3018
7	Camille Holmes	Camille Holmes	Adams F-12	"	"	"	8-2104
8	Nathan Franzen	NATHAN FRANZEN	Lowell A-31	"	"	"	8-2883
9	Greg Crowe	GREG CROWE	47 LAUREL ST. #1	SOMERVILLE	"	02143	623-8971
10	Brian McCabe	Brian McCabe	Greys W-45	CAMBRIDGE	MA	02138	8-3480
11	Joel Hoff	Joel Hoff	12 Wendell St. #9 Comb.	"	"	"	876-3457
12	Mariana M. Chilton	Mariana M. Chilton	Matthews 30	"	"	"	8-3657
13	Sonia Lawrence	SONIA LAWRENCE	LOWELL K-32	"	"	"	8-3017
14	Blake Spraggins	Blake Spraggins	Matthews 33	"	"	"	8-3660
15	Margaret Weseling	Margaret Weseling	Lowell E-42	"	"	"	8-2934
16	Eric M. Lippitt	Eric M. Lippitt	Lowell D-41	"	"	"	8-2924
17	Amy N. Ripich	Amy N. Ripich	Lowell K-32	"	"	"	8-3006
18	Alexandra Barcus	ALEXANDRA BARCUS	LOWELL C-24	"	"	"	8-2714
19	Laurel Sherwood	Laurel Sherwood	Lowell H-31	"	"	"	8-2971
20	Brad Manning	BRAD MANNING	LOWELL A-32	"	"	"	8-3695

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Alberto E. Yanez</i>	ALBERTO E. YANEZ	NORTH HSE, 56 CLIVANIAN	CAMBRIDGE	MA	02138	8-1726
2	<i>Charles Kletyska</i>	KLETZSKA	Dunster House	7-172	"	"	498-2520
3	<i>M.L. Buchanan</i>	M.L. Buchanan	Dunster H-23	"	"	"	998-2263
4	<i>Fidite Reynolds</i>	Fidite Reynolds	Ad G 32	"	"	"	498-2120
5	<i>Charles Proulx</i>	Charles Proulx	Dunster K 21	"	"	"	498-2305
6	<i>Daniel Sussman</i>	DANIEL SUSSMAN	DUNSTER N 43	"	"	"	8-2271
7	<i>Nike OToole</i>	nike OToole	32-22 Peabody terrace	"	"	"	
8	<i>Raphael Gunner</i>	Raphael Gunner	H-27 Dunster	"	"	"	8-2154
9	<i>Indira Lakshman</i>	Indira Lakshman	Dunster A14	"	"	"	
10	<i>John P. Thompson</i>	John P. Thompson	Dunster H-31	"	"	"	8-2265
11	<i>Rachel Watanabe-Batten</i>	Rachel Watanabe-Batten	Dunster B-32	"	"	"	8-7466
12	<i>Fernando R. Lopez</i>	Fernando R. Lopez	Dunster A22	"	"	"	
13	<i>Mark Tanaka</i>	mark Tanaka	Quincy! A-31	"	"	"	8-3165
14	<i>David Kosbie</i>	DAVID KOSBIE	KIRKLAND C-21	"	"	"	8-2512
15	<i>Maisy Chan</i>	Maisy Chan	Lowell G 22	"	"	"	8-3082
16	<i>Ryan McNally</i>	Ryan McNally	Lowell E12	"	"	"	8-2929
17	<i>David Gillis</i>	David Gillis	Lowell E-12	"	"	"	8-2929
18	<i>Ed Sasaki</i>	Ed Sasaki	Eliot A-45	"	"	"	8-2418
19	<i>Kevin D'Rourke</i>	KEVIN D'ROURKE	LOWELL E-53	"	"	"	8-2938
20	<i>Pedro J. Pizarro</i>	Pedro J. Pizarro	Lowell L-12	"	"	"	8-3012

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Susanne Eln</i>	Susanne Eln	Adams F-41 CAMBRIDGE	CAMBRIDGE	MA	02138	8-2109
2	<i>Howard Mullings</i>	Howard Mullings	Lowell L42	"	"	"	
3	<i>John T. Buchana</i>	John T. Buchana	Lowell R-31.	"	"	"	
4	<i>Anne Weil</i>	Anne Weil	Clav 30	"	"	"	
5	<i>Jeanie Sowers</i>	Jeanie Sowers	Lowell H-12	"	"	"	8-2963
6	<i>Chia Chen</i>	CHIA CHEN	Claverly 20	"	"	"	8-3418
7	<i>David Albert</i>	David Albert	Lowell H-21.	"	"	"	8-2966
8	<i>Marc Jonathan Blitz</i>	Marc Jonathan Blitz	Lowell O-32	"	"	"	8-3070
9	<i>Clayton Baker</i>	Clayton Baker	Lowell - 041	"	"	"	
10	<i>Steve Ratchge</i>	Steve Ratchge	Lowell A33	"	"	"	8-2884
11	<i>Elizabeth Umka</i>	Elizabeth Umka	Lowell C-41	"	"	"	8-2919
12	<i>Al Wickers</i>	Al Wickers	Lowell D-11	"	"	"	8-2921
13	<i>John Stevens</i>	JOHN STEVENS	Lowell K-12	"	"	"	8-3002
14	<i>Laura Higgins</i>	Laura Higgins	Claverly 17	"	"	"	8-3415
15	<i>Derrick Watson</i>	DERRICK WATSON	Lowell E-51	"	"	"	8-2927
16	<i>Robert G. Popham</i>	ROBERT G. POPHAM	Lowell D-52	"	"	"	8-2927
17	<i>Jonathan A. Bromson</i>	JONATHAN A. BROMSON	Lowell M-14	"	"	"	8-3028
18	<i>Philip Hubbard</i>	Philip Hubbard	Lowell P-12	"	"	"	8-3076
19	<i>William M. Grief</i>	William M Grief	Adams B46	"	"	"	8-2056
20	<i>David Zuckerman</i>	David Zuckerman	Lowell L-34	"	"	"	

LETTER TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Jeffrey C. Dobbins	Jeffrey C. Dobbins	Lowell 022	CAMBRIDGE	MA	02138	498-3065
2	Michael Root	Michael Root	Lowell E-12	"	"	"	498-2929
3	Rodolfo F. Ruiz	Rudy Ruiz	Lowell G-14	"	"	"	8-2952
4	Daniel Low	Daniel Low	Lowell G-14	"	"	"	8-2952
5	Letitia Ames	Letitia Ames	Lowell B33	"	"	"	8-2901
6	Jessica Lynn Goldman	Jessica Lynn Goldman	Lowell D51	"	"	"	8-2926
7	Günes I. Ungelen	Günes I. Ungelen	Lowell G-32	"	"	"	8-3084
8	David B. Carroll	DAVID B. CARROLL	Lowell I-11	"	"	"	8-2977
9	Eva Lum	EVA LUM	Lowell C-12	"	"	"	498-3096
10	Marissa Ghez	MARISSA GHEZ	Mather 317	"	"	"	8-7340
11	William H. Pyle	William H. Pyle	Lowell E-51	"	"	"	8-2927
12	G. H. Ortiz	G. H. ORTIZ	" F-42	"	"	"	8-2947
13	Toby S. Lewis	Toby S. Lewis	Lowell F-32	"	"	"	8-2945
14	John W. Deninger	JOHN W. DENINGER	Lowell B-52	"	"	"	8-2908
15	Eugene E. Lee	Eugene E. Lee	Lowell B-52	"	"	"	8-2908
16	Andrew Balinsky	Andrew Balinsky	Lowell L-24	"	"	"	8-3018
17	Tiziana Taburchi	Tiziana Taburchi	Lowell K21	"	"	"	8-3008
18	Janet Korins	Janet Korins	Lowell K-21	"	"	"	8-3003
19	Elizabeth Bedell	Elizabeth Bedell	Lowell H-12	"	"	"	8-2963
20	Thomas E. Van der Kloot	Thomas E. Van der Kloot	Lowell P-12	"	"	"	8-3076

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Amy Vitali	AMY VITALI	KIRKLAND M-42	CAMBRIDGE	MA	02138	
2	Rodney Maurice	RODNEY MAURICIO	LOWELL G-412	"	"	"	
3	Kyu Han	KYU HAN	CABOT HOUSE	"	"	"	498-6423
4	John Zurcher	John Zurcher	Lowell B52	"	"	"	498-2908
5	Kewchang Lee	Kewchang Lee	Currier T101	"	"	"	
6	Jennifer Lai	Jennifer Lai	Lowell K42	"	"	"	
7	Andrew Riggsby	Andrew Riggsby	Lowell P-21	"	"	"	
8	Jon Christensen	Jon Christensen	Lowell I-21	"	"	"	
9	Kenneth L. Lee	Kenneth L. Lee	Lowell I-21	"	"	"	
10	Steven Crowley	Steven Crowley	Lowell I-21	"	"	"	8-2979
11	FREDERICK NAGER	FREDERICK NAGER	LOWELL O-12	"	"	"	
12	Elisabeth Mason	Elisabeth Mason	Lowell J 42	"	"	"	8-2997
13	Megan K. Jenks	Megan K. Jenks	Lowell W-12	"	"	"	8-3045
14	Susan Hart	Susan Hart	Lowell K-41	"	"	"	8-3007
15	Arthur Paul	Arthur Paul	Lowell D-42	"	"	"	8-2925
16	Zoe Beronitch	Zoe Beronitch	Harding 29	"	"	"	8-3427
17	Brendan Bellew	Brendan Bellew	Lowell M-21	"	"	"	8-3030
18	GITA FRANK	GITA FRANK	Lowell P-11	"	"	"	8-3075
19	C. Kirton	C. Kirton	Cabot I-41	"	"	"	8-6130
20	Bruce Corwin	Bruce Corwin	Lowell M-23	"	"	"	8-3031

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Kyra Armstrong	KYRA ARMSTRONG	Leverett House F-85	CAMBRIDGE	MA	02138	
2	Andrea Fraser	Andrea Fraser	Leverett F-14	"	"	"	8-2699
3	Maura Feeney	Maura Feeney	Leverett B34	"	"	"	
4	Nicholas Papandrea	Nicholas Papandrea	Leverett B-23	"	"	"	8-265
5	Leah Johnson	Leah Johnson	Leverett B-214	"	"	"	8-2652
6	William Salloway	William Salloway	Claverly 50	"	"	"	8-3448
7	Jason Rosenzanz	JASON ROSENCRANZ	NORTH LEVERETT	"	"	"	8-1726
8	Kevin McCarthy	Kevin McCarthy	Leverett	"	"	"	8-2657
9	Jim Rothwell	Jim Rothwell	Leverett E-15	"	"	"	8-2785
10	Alan Bauer	Alan Bauer	Leverett G-76	"	"	"	8-2830
11	Marc Agronin	Marc Agronin	Leverett G-76	"	"	"	8-2830
12	Eva Thorne	EVA THORNE	" F-65	"	"	"	8-5736
13	Hamid Kellay	Hamid Kellay	Leverett F-44	"	"	"	8-2715
14	Claire Reinhardt	CLAIRE REINHARDT	Leverett E-33	"	"	"	8-2688
15	Anne Moon	Anne Moon	Leverett A-32	"	"	"	8-2642
16	Benedict Shih	Benedict Shih	" G-25	"	"	"	8-2791
17	Bentley Boyd	BENTLEY BOYD	" A-12	"	"	"	8-2634
18	James Kearney	JAMES KEARNEY	Leverett F-91	"	"	"	8-2758
19	Kate Felsen	Kate Felsen	Leverett C-31	"	"	"	8-2663
20	Zak MacRannels	Zak MacRannels	Leverett	"	"	"	8-2673

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>[Signature]</i>	HENRY SHIN	LEVERETT F-61	Cambridge	MA	02138	498-2732
2	<i>Sarah Duncan</i>	Sarah Duncan	" D-51	"	"	"	8-2679
3	<i>Sandra Shepard</i>	Sandra Shepard	Leverett G-59	"	"	"	8-2815
4	<i>Whitney R. Tison</i>	Whitney R Tison	" F-43	"	"	"	8-2715
5	<i>Joan Kim</i>	Joan Kim	Leverett G-90	"	"	"	
6	<i>Jay Fittz</i>	Jay Fittz	Leverett F-33	"	"	"	8-272
7	<i>Jill Cunningham</i>	Jill Cunningham	Leverett F-34	"	"	"	
8	<i>Cheryl Johnson</i>	Cheryl Johnson	Quincy 618	"	"	"	8-3149
9	<i>Valetta L. Hawkins</i>	VALETTA L. HAWKINS	Leverett B-51	"	"	"	8-2659
10	<i>Scott Roberts</i>	Scott Roberts	Leverett E-41	"	"	"	8-2690
11	<i>Ted Poor</i>	Ted Poor	Lev G-79	"	"	"	8-2833
12	<i>Mark Hoffenberg</i>	Mark Hoffenberg	Lev F-46	"	"	"	8-2719
13	<i>Howard Chang</i>	Howard Chang	Shaw Hall 303	"	"	"	8-5086
14	<i>Raquel Gutman</i>	Raquel Gutman	Leverett A-42	"	"	"	9-2646
15	<i>Kevin Little</i>	Kevin Little	Leverett G-93	"	"	"	82845
16	<i>Melanie Bialocki</i>	Melanie Bialocki	Leverett F-76	"	"	"	8-2775
17	<i>Marie Ellen Noonan</i>	Marie Ellen Noonan	Leverett D-41	"	"	"	8-2676
18	<i>Edward P. Lawrence</i>	Edward P. Lawrence	Lev. B-41	"	"	"	8-2657
19	<i>Stephanie Salinas</i>	Stephanie Salinas	Lev. G 104	"	"	"	
20	<i>Alphonse Fletcher</i>	Alphonse Fletcher	ADAMS D-41	"	"	"	8-2071

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St.	Zip	Phone
1	<i>Brian C Offutt</i>	Brian C Offutt	Leverett B-42	CAMBRIDGE	MA	02138	8-2658
2	<i>Dhuli De Zoysa</i>	DHULI DE ZOYSA	Leverett G-23	"	"	"	8-2789
3	<i>Patrick W Mooney</i>	PATRICK W MOONEY	Leverett F-42	"	"	"	8-2715
4	<i>Ann Akichika</i>	Ann Akichika	LEV. B-11	"	"	"	8-2647
5	<i>Taryn Shea</i>	Taryn Shea	Leverett A-14	"	"	"	8-2636
6	<i>Ted Hennessy</i>	TED HENNESSY	Leverett B-12	"	"	"	8-2642
7	<i>Maurice E. Friot II</i>	MAURICE E FRIOT II	LEVERETT G-10	"	"	"	8-2780
8	<i>Steve Grove</i>	Steve Grove	Leverett G-31	"	"	"	8-2793
9	<i>Frank Dalakis</i>	FRANK DALAKIS	287 BRIGHTON ST	BELMONT	"	"	489-3407
10	<i>Jeff Ticknor</i>	JEFF TICKNOR	Leverett D-21	CAMBRIDGE	"	"	498-2668
11	<i>Margaret Parkham</i>	MARGARET PARKHAM	LEV. A-21	"	"	"	498-2637
12	<i>Eddie Brown</i>	Eddie Brown	LEV. F-10	"	"	"	4-2698
13	<i>Matt Spengler</i>	Matt Spengler	LEV F-31	"	"	"	8-2686
14	<i>Kimon C. Zachary</i>	Kimon Zachary	LEV. G-46	"	"	"	8-2804
15	<i>L. Joseph Lee</i>	L. JOSEPH LEE	LEV. F-108	"	"	"	8-2775
16	<i>Harold Dawson</i>	HAROLD DAWSON	GALLATIN D 39	"	"	"	8-5302
17	<i>Kevin Dusky</i>	Kevin Dusky	LEV. G-01	"	"	"	8-4872
18	<i>Richard Panick</i>	RICHARD PANICK	LEV G-13	"	"	"	8-2784
19	<i>Jay Grant</i>	Jay Grant	LEV F-30	"	"	"	
20	<i>James O'Shea</i>	James O'Shea	LEV G-21	"	"	"	8-279

We the members of the Harvard community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1		Julianne Hunt	Mathews 15	CAMBRIDGE	MA	02138	8-3642
2		SCOTT HILINSKI	Green O N28	"	"	"	8-3504
3		ADAM BIRNBAUM	STRAVS C32	"	"	"	8-3792
4		Mirka E. Morales	Thayer 09	"	"	"	8-3813
5		Kit Troyer	Grays E-41	"	"	"	8-3476
6		George Cushing	Lionel B-31	"	"	"	8-3611
7		LARRY SAUL	WIGGLESWORTH D-11	"	"	"	8-3926
8		David Stonehill	Lionel R-11	"	"	"	8-3607
9		Peter Carr	Holworthy 23	"	"	"	8-3585
10		Grace Sheffield	Hollis South 9	"	"	"	8-3538
11		Adam R. Cohen	Wigg. G-11	"	"	"	8-3942
12		Billy Weitzel	Thayer 34	"	"	"	8-3839
13		Meena Bhandari	Canaday C44	"	"	"	8-8301
14		Grace Shin	Hollis 29	"	"	"	8-3458
15		Jennifer Poulos	Cabot K-22	"	"	"	8-5792
16		Eric Gaaserud	Thayer 59	"	"	"	8-3861
17		MATTHEW SPECTER	Hollis 4	"	"	"	8-3533
18		LIZ HIRSCHHORN	Weld N35	"	"	"	8-3889
19		Betsey Robinson	Cabot House	"	"	"	8-2145
20		RONALD M. JACOBS	"	"	"	"	8-5830

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Derrick J. Boston</i>	DERRICK BOSTON	STRAUS D-42, HARVARD	CAMBRIDGE	MA	02138	8-3802
2	<i>Jessica Boklan</i>	Jessica Boklan	Pennypacker 36 Harvard	"	"	"	8-3724
3	<i>John D. Brewington, Jr.</i>	JOHN D. BREWINGTON, JR.	WIGGLESWORTH A-11, HARVARD	"	"	"	8-3909
4	<i>Wendy Millet</i>	Wendy Millet	CANADAY F-41	"	"	"	8-8420
5	<i>Aleen Keshishian</i>	Aleen Keshishian	Grays E42	"	"	"	8-3477
6	<i>Charles O'Redditt</i>	Charles Redditt	Canada B-44	"	"	"	8-8269
7	<i>Phillip Fucella</i>	Phillip Fucella	PO BOX 729	"	"	"	8-8325
8	<i>Keith Kessler</i>	Keith Kessler	Lionel B-31	"	"	"	8-3601
9	<i>Robert L. Lowe</i>	Robert Lowe	Adams D-13	"	"	"	8-2029
10	<i>Farai Chideya</i>	Farai Chideya	Thayer 64	"	"	"	8-3860
11	<i>Edgar Collazo</i>	Edgar Collazo	Straus C-37	"	"	"	8-3791
12	<i>Caroline Corbin</i>	Caroline Corbin	Matthews 55	"	"	"	8-3682
13	<i>Anjali Rao</i>	Anjali Rao	Matthews 55	"	"	"	8-3682
14	<i>Brad Kirkegaard</i>	Brad Kirkegaard	Thayer 36	"	"	"	8-3841
15	<i>Ned Seaton</i>	Ned Seaton	Mower A-32	"	"	"	8-3695
16	<i>Ted Smart</i>	TED SMART	Thayer 33	"	"	"	8-3837
17	<i>Theresa Cho</i>	Theresa Cho	Hurlbut 309	"	"	"	8-3591
18	<i>Oscar Wu</i>	Oscar Wu	Canada F-41	"	"	"	8-8454
19	<i>C-F David Boit</i>	C-F DAVID BOIT	Matthews 32	"	"	"	8-3659
20	<i>Eleanor Clark</i>	Eleanor Clark	Calcut 512	"	"	"	8-6159

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Emily Ozer</i>	EMILY OZER	60 Linden	CAMBRIDGE	MA	02138	8-5747
2	<i>Judy Huang</i>	Judy Huang	"	"	"	"	5849
3	<i>Deborah S. Jacobs</i>	Deborah S. Jacobs	"	"	"	"	8-5907
4	<i>Margaret Akerley</i>	Margaret Akerley	"	"	"	"	85794
5	<i>Eric Jackson</i>	Eric Jackson	"	"	"	"	8-5778
6	<i>John F. Zurasky</i>	John F. Zurasky	"	"	"	"	
7	<i>Hong Hu</i>	Hong Hu	"	"	"	"	8-6432
8	<i>Ted Constan</i>	Ted Constan	"	"	"	"	8-6672
9	<i>John Murphy</i>	John Murphy	"	"	"	"	8-6672
10	<i>Cathy Komisaruk</i>	Cathy Komisaruk	"	"	"	"	48-5742
11	<i>Elyot Chong</i>	Elyot Chong	60 "	"	"	"	8-5779
12	<i>Lisa Freundlich</i>	Lisa Freundlich	"	"	"	"	8-5746
13	<i>Anton Schwartz</i>	Anton Schwartz	"	"	"	"	8-6612
14	<i>Nathan Koenig</i>	Nathan Koenig	"	"	"	"	8-5839
15	<i>Sarah Gross</i>	Sarah Gross	"	"	"	"	8-6417
16	<i>Judith Marson</i>	Judith Marson	"	"	"	"	8-5833
17	<i>Catherine J. Hinton</i>	Catherine J. Hinton	"	"	"	"	8-5852
18	<i>Anne Wilkinson</i>	Anne Wilkinson	"	"	"	"	8-6413
19	<i>Audrey Markowitz</i>	Audrey Markowitz	"	"	"	"	8-6402
20	<i>Daniel T. Alvarado</i>	Daniel T. Alvarado	"	"	"	"	8-6435

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Diane Paulus</i>	Diane Paulus	Cabot 67	Cambr.	MA	02138	8-5749
2	<i>Elin R Lohm</i>	Elin R Lohm	Cabot 5	"	"	"	8-5905
3	<i>Michael Rabow</i>	Mike Rabow	Cabot M-31	"	"	"	8-5745
4	<i>Stephen Samperevo</i>	Stephen Samperevo	Cabot P 31	"	"	"	
5	<i>Paul S Sherman</i>	Paul S Sherman	Cabot C-47	"	"	"	8-5831
6	<i>Robert A. Coie</i>	Robert A. Coie	Cabot A	"	"	"	8-6682
7	<i>Carlos A. Mendoza</i>	CARLOS A. MENDOZA	CABOT 14	"	"	"	8-5914
8	<i>Cheryl Nelson</i>	CHERYL NELSON	CABOT	"	"	"	
9	<i>David Fisker</i>	David Fisker	Cabot - B 21	"	"	"	998-5791
10	<i>David Fisker</i>	David Fisker	Cabot M12	"	"	"	8-5772
11	<i>Paul Tiger</i>	Paul Tiger	Cabot J-24	"	"	"	8-6135
12	<i>Pylan Roberts</i>	PYLAN ROBERTS	" 54	"	"	"	8-5955
13	<i>Christopher North</i>	Christopher North	60 Linnaean	"	"	"	8-5911
14	<i>Steen Strand</i>	Steen Strand	"	"	"	"	"
15	<i>Diana Jovin</i>	Diana Jovin	60 Linnaean st	"	"	"	8-5927
16	<i>Brendan Callaghan</i>	BRENDAN CALLAGHAN	" " "	"	"	"	8-5903
17	<i>Peter Scanlon</i>	PETER SCANLON	60 Linnaean St.	"	"	"	8-5819
18	<i>Rosset McCreery</i>	ROSSET MCCREERY	" " "	"	"	"	8-5956
19	<i>Rachel Pulido</i>	Rachel Pulido	60 Linnaean St	"	"	"	8-6412
20	<i>Ann Yeh</i>	ANN YEH	"	"	"	"	5952

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Melissa Bourn	Melissa Bourn	Harvard	CAMBRIDGE	MA	02138	
2	Joseph Sweeney	Joseph Sweeney	Harvard	"	"	"	
3	Mary Reyes	Mary Reyes	Harvard	"	"	"	
4	Bernardo A. Feliciano	Bernardo A. Feliciano	Harvard Levrett	"	"	"	
5	Jenny Larm	Jenny Larm	Harvard	"	"	"	
6	Amy Kim	Amy Kim	Harvard	"	"	"	
7	Charlotte Kim	Charlotte Kim	GermanTown; MD	"	"	"	
8	Carl Rosin	Carl Rosin	Harvard	"	"	"	82634
9	Guy K. Nagahama	Guy K. Nagahama	Harvard	"	"	"	82872
10	Julia Day	Julia Day	Harvard	"	"	"	
11	Clifton Tidwell	Clifton Tidwell	Harvard	"	"	"	82668
12	Jacqueline Farrell	JACQUELINE FARRELL	Harvard	"	"	"	
13	Jim Levine	Jim Levine	Harvard	"	"	"	498-2704
14	John B. Nguyen	John B. Nguyen	Harvard	"	"	"	498-2657
15	Melissa Weiss	Melissa Weiss	6009 Ames Traco	Low	KE	4020	502-426-2585
16	Frederic King	Frederic King	Harvard	Cambridge	MA	02138	498-2690
17	Maureen Collins	Maureen Collins	Harvard	Cambridge	MA	02138	798-2686
18	Jill Maza	Jill Maza	Harvard	"	"	"	8-2651
19	Matthias Hühne	Matthias Hühne	Harvard	"	"	"	498-2673
20	Anne Marie Guerra	ANNE-MARIE GUERRA	Harvard	"	"	"	498-2655

The subjects of the Harvard community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1		Kevin Benecke	Leverett D-42 Harvard	CAMBRIDGE	MA	02138	
2		Bill Solomon	Leverett F-91	"	"	"	8-2758
3		Kim Scolz	Leverett B-42	"	"	"	8-2658
4		SETH KARP	LEVERETT F 30	"	"	"	8-2707
5		Kenneth Blacklow	Leverett G 97	"	"	"	8-2849
6		Rube Navarrette	Leverett C-41	"	"	"	8-2666
7		REGINALD P. BAZILE	Leverett D-23	"	"	"	8-2674
8		Gregory Tang	Leverett G101	"	"	"	8-2853
9		Greg Campbell	Leverett B-12	"	"	"	8-2648
10		Benjamin Kahrl	Leverett C-21	"	"	"	8-2660
11		Adams Lee	Leverett C-25	"	"	"	8-2660
12		Thomas Matheron	Leverett C-21	"	"	"	8-2660
13		Stefanie Krasner	2 Peabody Terrace #611	"	"	"	547-9170
14		HANK PARICHALUT	Leverett B-23	"	"	"	8-2651
15		Jennifer Greene	Lev F75	"	"	"	8-2745
16		Michael Druckman	Leverett 676	"	"	"	8-2830
17		John J. Yoon	Leverett G54	"	"	"	8-2809
18		John Rubin	Leverett C-41	"	"	"	8-2666
19		PAPA NDIAYE	Adams F3	"	"	"	8-2102
20		Liz Ross	Leverett D5	"	"	"	8-2679

The undersigned community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1		Fred Scherzaker	Leverett B-21	CAMBRIDGE	MA	02136	8-2649
2		Rod Macceod	" A 41	"	"	"	8-2645
3		Susie Nemes	Leverett A-32	"	"	"	8-2642
4		Ted STURMAN	Leverett B-42	"	"	"	8-2658
5		Doug Holtz	Leverett B-31	"	"	"	8-2653
6		Jay Sabl	Leverett E-33	"	"	"	8-2688
7		Robert W. Davis	Leverett D-24	"	"	"	8-2671
8		Liz Lochner	Leverett E-33	"	"	"	8-2688
9		Tom Dingman	Leverett F-110	"	"	"	8-2777
10		LISA Schawlecker	Leverett C-31	"	"	"	8-2663
11		DIANA WATTS	Leverett C-31	"	"	"	
12		J. JHALA	" F 47	"	"	"	
13		Sharon Best	Leverett E-57	"	"	"	
14		Adam Schwartz	" E 31	"	"	"	
15		Dane F. Smith, III	Leverett D-23	"	"	"	8-2669
16		Michael Lynn	" F 5	"	"	"	5-2278
17		Don Alan Frederick	Leverett G-51	"	"	"	8-2807
18		J. Nachmanoff	Leverett F-30	"	"	"	
19		STEVE KMAR	LEVERETT C-41	"	"	"	8-2666
20		VINCENT W. V.	LEVERETT F-102	"	"	"	8-2769

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Roland Davis	Roland Davis	Canaday B44	CAMBRIDGE	MA	02138	8-8269
2	Teresa Smith	Teresa Smith	Wigglesworth B22	"	"	"	
3	Lois Leveen	LOIS LEEVEN	THAYER 55	"	"	"	
4	Julie Herlihy	Julie Herlihy	Matthews 30	"	"	"	8-3657
5	Elliot Thomson	Elliot Thomson	Thayer 21	"	"	"	8-3825
6	Judith L. Bouse	Judith L. Bouse	Stoughton 22	"	"	"	8-3759
7	Ghita Schwarz	GHITA SCHWARZ	HURBURT 409	"	"	"	8-3598
8	Bryan Greene	Bryan Greene	Weld N10	"	"	"	8-3876
9	Laurie A. Ciardi	Laurie A. Ciardi	Weld N37	"	"	"	8-3891
10	Kerry Houghton	KERRY HOUGHTON	Thayer 58	"	"	"	5860
11	Kaaryn Gustafson	Kaaryn Gustafson	Wigglesworth B-32	"	"	"	8-3947
12	Wendell C. Ocasio	Wendell C. Ocasio	Matthews 23	"	"	"	8-8269
13	FARSHID SADEGHI	FARSHID SADEGHI	CANADAY B-42	"	"	"	
14	Deborah Steinbaum	Deborah Steinbaum	Grays E42	"	"	"	8-3472
15	Andrea Dunathan	Andrea Dunathan	Canaday F24	"	"	"	8-8406
16	Sarah E. Wilson	Sarah E. Wilson	Canaday F-23	"	"	"	8-8404
17	Tim Kierstead	Tim Kierstead	Holworthy 3	"	"	"	8-3555
18	Joshua Auerbach	Joshua Auerbach	Pennypacker 16	"	"	"	
19	PETER H. MILLER	PETER H. MILLER	PENNYPACKER 17	"	"	"	8-
20	Zrich Huang	Zrich Huang	Pennypacker	"	"	"	

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Leo Tsibouris	LEO TSIBOURIS	WIGG H-12	CAMBRIDGE	MA	02138	8-3949
2	Marie Park	MARIE PARK	CANADAY A-12	"	"	"	8-8202
3	Terri Gerstein	Terri Gerstein	Pennypacker 38	"	"	"	8-3726
4	Long Ho	Long Ho	Matthews 21	"	"	"	8-3649
5	Vivian H. Lin	Vivian H. Lin	Greenough S-34	"	"	"	8-3509
6	Patricia Keane	Patricia Keane	Wigglesworth B 31	"	"	"	8-3918
7	Amanda L. Slick	Amanda L. SLICK	Wigg B-31	"	"	"	8-3418
8	David Benarum	DAVID BENARUM	Canaday D11	"	"	"	8-8314
9	Joseph Choa	Joseph Choa	Weld W55	"	"	"	8-3905
10	Brian Grottkau	Brian Grottkau	Weld S-20	"	"	"	8-3877
11	Phillip Poniagva	Phillip Poniagva	Thayer 7	"	"	"	8-3811
12	Mike Lee	Mike Lee	8 Prescott	"	"	"	8-7899
13	Dennis Maeray	DENNIS MAERAY	PENNYACK 33	"	"	"	8-3721
14	Alis [unclear]		[unclear]	"	"	"	8-6345
15	Jon Blackstone	JON BLACKSTONE	WELD N56	"	"	"	8-3906
16	Mira Hinman	MIRA HINMAN	Canaday C-44	"	"	"	8-8321
17	George Juang	George Juang	Weld S-30	"	"	"	8-3885
18	Mark P. Selvan	Mark P. Selvan	Matthews 5	"	"	"	8-3852
19	William R. Mendelsohn	William R. Mendelsohn	Wigglesworth F-11	"	"	"	8-3936
20	Sharmian L. White	Sharmian L. White	Weld S-12	"	"	"	8-3875

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Ana Miranda	ANA MIRANDA	CANADAY A-13	CAMBRIDGE	MA	02138	498-8206
2	Brendan K. Haley	BRENDAN K. HALEY	THAYER 03	"	"	"	498-3807
3	Chad C. Head	CHAD C. HEAD	Pennypacker 13	"	"	"	498-3705
4	Monica Phillips	Monica Phillips	Thayer 42	"	"	"	498-3842
5	Berenice Bellotti	Berenice Bellotti	Weld N-37	"	"	"	498-3891
6	Jennifer O'Shea	Jennifer O'Shea	Thayer 39	"	"	"	8-3843
7	Matt Flynn	MATT FLYNN	CANADAY G-41	"	"	"	498-8454
8	John R. Smith	John R. Smith	Grays E-41	"	"	"	8-3476
9	Audrey Richardson	Audrey Richardson	Greenough No. 8	"	"	"	8-3493
10	Caroline Lovelace	Caroline Lovelace	STRAWS D-22	"	"	"	8-3798
11	Charles Kim	Charles C. Kim	Pennypacker 16	"	"	"	8-3708
12	Jin Goon Kim	Jin-Goon Kim	Matthews 24	"	"	"	8-3651
13	Katharyn Hok	Katharyn Hok	Huilbut 201	"	"	"	8-7315
14	Deborah Cohen	DEBORAH COHEN	MATTHEWS 48	"	"	"	8-3675
15	Keith W. Light	KEITH W. LIGHT	CANADAY D-24	"	"	"	8-8327
16	Lukas C. Oberhuber	Lukas C. Oberhuber	Wigglesworth F-32	"	"	"	8-0941
17	Hilary A. Zaid	Hilary A. Zaid	Hilwathy 22	"	"	"	8-3584
18	Hilce Wang	Hilce Wang	Weld N38	"	"	"	
19	Sheena F. Singh	SHEENA F. SINGH	Winthrop J-45	"	"	"	8-3376
20	Jason Anderson	Jason Anderson	Hollis 5	"	"	"	8-3334 8334

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Beatrice Chukumba	Beatrice Chukumba	Wigg F-22	CAMBRIDGE	MA	02138	
2	David M Barnes	DAVID M BARNES	WELD N56	"	"	"	8-3893
3	David M Lampert	David M Lampert	"	"	"	"	"
4	Justine A. Harris	JUSTINE A. HARRIS	Penny Packer 28	"	"	"	8
5	Scott J. Dillard	Scott J. Dillard	Holworthy 15	"	"	"	
6	David T. Chang	DAVID T. CHANG	Canada 8-31	"	"	"	
7	Carl J. Lee	Carl J. Lee	Penny Packer 16	"	"	"	
8	Michael S. Laskany	Michael S. Laskany	Greenough 41	"	"	"	8-3516
9	Tom Laskany	Thomas B. Laskany	"	"	"	"	"
10	Leslie Grumbach	Leslie Grumbach	Mather 364	"	"	"	8-7327
11	Marc A. Bodnick	Marc Bodnick	Martha's 37	"	"	"	8-3664
12	Sam Yoon	SAM YOON	CANADAY D-44	"	"	"	8-8345
13	Michelle Mirchandani	MICHELLE MIRCHANDANI	Weld N45	"	"	"	8-3899
14	Hugh Hinton	Hugh Hinton	Hurton 101	"	"	"	8-7325
15	Derek M. Newman	Derek Newman	Greenough 42	"	"	"	
16	Marci Glazer	Marci Glazer	Canada D-51	"	"	"	8-8349
17	Trang Nguyen	Trang Nguyen	Hollis #10	"	"	"	8-3539
18	Jason Annibali	Jason Annibali	Penny Packer 46	"	"	"	8-3732
19	Emily Chen	Emily Chen	Mather 422	"	"	"	8-4392
20	Isaac Swan	Isaac Swan	3 Nichols Place	"	"	"	3588363

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Michael Ventre	MICHAEL VENTRE	Pennypacker 32	CAMBRIDGE	MA	02138	
2	Jill E Thomley	Jill E. Thomley	Matthews 17	"	"	"	498-3644
3	J. I. Q. J.	ISMAIL RAMSEY	WIGGLESWORTH J-21	"	"	"	
4	Alex Glashauser	ALEX GLASHAUSSER	Grays M43	"	"	"	8-3478
5	Jeannette My Le Le	Jeannette My Le Le	Canada Y B-11	"	"	"	8-8238
6	Louisa Chiang	LOUISA CHIANG	THAYER 43	"	"	"	8-1847
7	Edward Griffin	EDWARD GRIFFIN	Mass Hall B-31	"	"	"	8-3620
8	Greg Schmeigel	Greg Schmeigel	CANADAY D-21	"	"	"	8-8321
9	Natasha E. Shapiro	Natasha Shapiro	Greenough 531	"	"	"	8-3505
10	Ginger Romero	Ginger Romero	Canada Y A-12	"	"	"	8-8202
11	La'Quetta Morris	La'Quetta Morris	Matthews 15	"	"	"	8-3642
12	Melinda Nelson	Melinda Nelson	Matthews 15	"	"	"	" "
13	Jonathan Benjamin	Jonathan Benjamin	Weld 5 30	"	"	"	8-5825
14	Jennifer Grossman	Jennifer Grossman	P. Packer 31	"	"	"	8-3719
15	Catherine Cunstains	Catherine Cunstains	Wiggleworth C-31	"	"	"	8-3924
16	Jesse Petrezz	JESSE PETREZZ	Auribut 103	"	"	"	8-7310
17	Michael Natal	Michael Natal	Wig-B-12	"	"	"	8-3915
18	Margot Harrison	Margot Harrison	Thayer 13	"	"	"	8-3817
19	Kerry F. Osborne	Kerry F. Osborne	Canada Y G-24	"	"	"	498-8442
20	Lionel Shapiro	Lionel Shapiro	Pennypacker 22	"	"	"	498-3712

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Country Henry	Country Henry	Greenough Hill, U-46, Harvard U.	CAMBRIDGE	MA	02138	8-3523
2	Liz Koreman	Liz Koreman	Wigglesworth A-21	"	"	"	8-3911
3	Hilda M. Alexander	Hilda M. Alexander	Mathews 16	"	"	"	8-3643
4	Lucy H. Koh	Lucy H. Koh	Thayer 39	"	"	"	8-3843
5	Albert S. Jun	Albert S. Jun	Thayer 34	"	"	"	8-3839
6	Flaine Cher	Flaine Cher	Thayer 41	"	"	"	8-3845
7	Henry J. Fernandez	Henry J. Fernandez	Mower A-11	"	"	"	8-3690
8	Loren Bough	Loren Bough	Canada 6-411	"	"	"	8-7754
9	Stephen P. Shankland	Stephen P. Shankland	Pennypacker 23	"	"	"	9-3713
10	Vanessa Lann	Vanessa Lann	Hollis 23	"	"	"	8-3552
11	Lori J. Lakin	Lori J. Lakin	Thayer 12	"	"	"	8-3816
12	Lena Strayhorn	Lena Strayhorn	Greenough 5-33	"	"	"	8-3508
13	Anthony Gutierrez	ANTHONY GUTIERREZ	43 PENNYPACKER	"	"	"	8-3729
14	Mark C. Solakian	MARK C. SOLAKIAN	43 Pennypacker	"	"	"	8-3729
15	Stacey Street	Stacey Street	Pennypacker 44	"	"	"	8-3730
16	Henry Chu	Henry Chu	Pennypacker 48	"	"	"	8-3734
17	David Code 11	David Code 11	Wigglesworth C-12	"	"	"	8-3921
18	Alexandra S. Beal	Alexandra S. Beal	Thayer 42	"	"	"	8-3846
19	Maurie Samuels	Maurie Samuels	Grays 211	"	"	"	8-3476
20	MATT BROWN	MATT BROWN	CANADA C-11	"	"	"	

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Michael A. Tueller</i>	Michael A. Tueller	Pennypacker 45, H.O.	CAMBRIDGE	MA	02138	8-3731
2	<i>Adrian Vermeire</i>	Adrian Vermeire	Grays 521	"	"	"	8-3464
3	<i>Tyler Chapman</i>	TYLER CHAPMAN	GRAYS W24	"	"	"	
4	<i>Christopher Obare</i>	CHRISTOPHER OBARE	QUINCY C-34	"	"	"	
5	<i>Stuart Hirsch</i>	Stuart Hirsch	Veld 523	"	"	"	8-3880
6	<i>Nicholas P. Moschovakis</i>	Nicholas Moschovakis	Thayer 4	"	"	"	8-3808
7	<i>Jason Witherspoon</i>	Jason Witherspoon	Thayer 45	"	"	"	8-3849
8	<i>S. Manjula Jegasothy</i>	Manjula Jegasothy	Canaday 541	"	"	"	8-8421
9	<i>Lynda R. Cohen</i>	Lynda R. Cohen	Pennypacker 11	"	"	"	
10	<i>Frederick P. Carret</i>	Frederick P. Carret	Pennypacker 42	"	"	"	8-3728
11	<i>Steven S. Wu</i>	Steven S. Wu	Weld 532	"	"	"	8-3887
12	<i>Malcolm D. Laffe</i>	MALCOLM D. LAFFE	Mower B-11	"	"	"	8-3686
13	<i>Susie Kraw</i>	Susie Kraw	Eliot House F-23	"	"	"	B-238T
14	<i>Valerie Beck</i>	Valerie Beck	Stoughton 32	"	"	"	8-3769
15	<i>James C. Nieh</i>	JAMES C. NIEH	WIGGLESWORTH 6-11	"	"	"	8-3942
16	<i>Elwood M. Hopkins</i>	Elwood M. Hopkins	Pennypacker 35	"	"	"	8-3723
17	<i>Erik S. Macris</i>	ERIK S. MACRIS	Wigglesworth J-21	"	"	"	8-3962
18	<i>Bruce Maclean</i>	Bruce Maclean	Pennypacker 13	"	"	"	8-3705
19	<i>Karen Lasser</i>	Karen Lasser	STRAUS C-22	"	"	"	8-3790
20	<i>Arnetta Girardem</i>	Arnetta Girardem	Thayer 27	"	"	"	383)

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Kyle Enright</i>	KYLE ENRIGHT	MATHEWS 37	CAMBRIDGE	MA	02138	8-3664
2	<i>John Kumm</i>	John Kumm	85 Dunster St	"	"	"	8-7432
3	<i>Clarissa Kripke</i>	Clarissa Kripke	8437 Sugarman Pr.	"	"	"	8-2072
4	<i>Rob Cocea</i>	Rob Cocea	Strows 923	"	"	"	8-9785
5	<i>Joseph Alhadef</i>	Joseph Alhadef	Grays M43	"	"	"	8-3479
6	<i>Andrew Gowan</i>	ANDREW GOWAN	CANTLEY C54	"	"	"	8-8311
7	<i>Kim Harris</i>	Kim Harris	Wigg C-22	"	"	"	8-3923
8	<i>Firma Anderson</i>	Firma Anderson	Kirkland H-24	"	"	"	8-2562
9	<i>Daniel H. Givertz</i>	Daniel H. Givertz	72 Carrington Ave.	Providence	Ri	02906	—
10	<i>Jonathan Laeger</i>	Jonathan Laeger	Weld S31	CAMBRIDGE	MA	02138	8-3886
11	<i>Sandra Rangel</i>	Sandra Rangel	Thayer St	"	"	"	8-3554
12	<i>John Kuo</i>	John Kuo	Sabat Wh 53	"	"	"	8-6436
13	<i>Todd Williams</i>	TODD V. WILLIAMS	STRAUS D-11	"	"	"	8-3795
14	<i>Jim Masland</i>	Jim Masland	Mower B-21	"	"	"	8-3942
15	<i>Eric M. Westby</i>	ERIC M. WESTBY	Wigg G-11	"	"	"	
16	<i>Levi A. Garram</i>	LEVI A. GARRAM	STRAUS - B-31	"	"	"	8-3784
17	<i>Naomi H. Wittes</i>	NAOMI H. WITTES	STRAUS C-24	"	"	"	8-3789
18	<i>James M. Baker</i>	James M. Baker	Pennypacker 12	"	"	"	8-3704
19	<i>Melissa K. Feliciano</i>	Melissa K. Feliciano	Strows C-22	"	"	"	8-3790
20	<i>Craig Factor</i>	Craig Factor	Thayer 3	"	"	"	8-3807

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	John P. Stanley	JOHN P. STANLEY	CANADAY G-74	CAMBRIDGE	MA	02138	8-8820
2	Scott W. McCormack	Scott McCormack	Wigglesworth I-31	"	"	"	8-3958
3	Brian F. Mohan	Brian F. Mohan	Canada G-44	"	"	"	8-2460
4	Leslie Powell	Leslie Powell	Greenough 502	"	"	"	8-7123
5	Alexandra Field	ALEXANDRA FIELD	GREENOUGH #6	"	"	"	8-3490
6	Alison Franklin	ALISON FRANKLIN	CANADAY D-51	"	"	"	
7	HS Bowen Jr	HS Bowen Jr	GRAYS M43	"	"	"	8-3475
8	Roxanne Davila	Roxanne Davila	23 Stoughton	"	"	"	8-3760
9	Anne Ellen Gelles	Anne Ellen Gelles	4 Thawbridge Apt 15	"	"	"	876-8932
10	Steve C Brown	Steve C Brown	Matthews I	"	"	"	8-3621
11	Deborah A. Velez	Deborah A. Velez	Grays M34	"	"	"	8-3473
12	Angela D. Williams	Angela D. Williams	Wigglesworth C-22	"	"	"	8-3923
13	David	Douglas A. Townsend	Quincy C-34	"	"	"	8-3195
14	Florent Dumwright	Florent Dumwright	Matthews 32	"	"	"	8-3659
15	Gillian Salton	GILLIAN SALTON	THAYER 51	"	"	"	8-3854
16	Loremary Moore	LOREMARY MOORE	HOLLIS 30	"	"	"	8-3559
17	Eric Bianchi	Eric Bianchi	Wigglesworth A12	"	"	"	8-3910
18	Craig V. Hickman	Craig V. Hickman	STREWS D32	"	"	"	8-3800
19	Mark A. Shagena	Mark A. Shagena	Grays W45	"	"	"	8-3480
20	Robinson Everett	ROBINSON EVERETT	GRAYS M33	"	"	"	8-3472

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Greg Spira	Greg Spira	Leverett R-23	CAMBRIDGE	MA	02138	
2	William G. Malley	WILLIAM G. MALLEY	Lev. D-23	"	"	"	
3	Diep Vuong	Diep Vuong	lev. F98	"	"	"	
4	James Thompson	James Thompson	Lev. G-20	"	"	"	8-2805
5	Emery Brown	EMERY BROWN	B-32 LEV	"	"	"	8-2654
6	Erik Howell	Erik Howell	North W16	"	"	"	8-6315
7	Joe Thompson	JOE THOMPSON	Lev. G-112	"	"	"	8-2862
8	Christopher S. Wendland	Christopher S. Wendland	Leverett G-113	"	"	"	8-2863
9	David I. Grasfield	David I. Grasfield	Leverett E-41	"	"	"	8-2690
10	Allison Brody	Allison Brody	Leverett B-33	"	"	"	8-2655
11	Blakely Rogers	Blakely Rogers	Leverett G-66	"	"	"	8-2822
12	Shubham Chaudhuri	SHUBHAM CHAUDHURI	" B-41	"	"	"	
13	Ann Ward	Ann Ward	Leverett E-11	"	"	"	8-2690
14	Ana Chereta	Ana Chereta	Leverett A-22	"	"	"	8-2638
15	Kimberly R. Brown	Kimberly R. Brown	Kirkland G-33	"	"	"	8-2551
16	Mary Maja	MARY MAJA	GRANT ST.	"	"	"	
17	Susanna Kim	Susanna Kim	Quincy 610	"	"	"	8-3141
18	Leslie Barbi	Leslie Barbi	Leverett D-41	"	"	"	8-2676
19	Christopher Lang	Christopher Lang	Leverett B-23	"	"	"	8-2651
20	Elaine Sang	Elaine Sang	Leverett F78	"	"	"	8-2747

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Mark S. Blasetti	Mark S. Blasetti	Leverett F-15	Cambridge		02138	498-2700
2	Richard Chapman	Richard Chapman	Eliot I-45	Cambridge		02138	498-2433
3	Todd Davis	Todd Davis	Eliot I-33	Cambridge		02138	498-2927
4	Scott Zeng	Scott Zeng	Eliot 45 E-13	Cambridge		02138	498-2470
5	Phyleen Stewart	PHYLEEN STEWART	Eliot B52	"		"	498-7452
6	Elizabeth A. Mark	Elizabeth Mark	Eliot J-31	Cambridge		02138	498-2439
7	Andrew R. Dale	ANDREW DALE	Eliot F-11	Cambridge		02138	8-2380
8	Maurry Sherk	Maurry Sherk	Eliot B-53	Cambridge		02138	8-2346
9	Thomas Whayne	Thomas Whayne	Eliot B-31	Cambridge		02138	8-2340
10	Carmen B. Torruella	Carmen B. Torruella	Eliot B-43	Cambridge		02138	8-2344
11	Paul K. O'Connor	Paul K. O'Connor	Eliot I-21	Cambridge		02138	8-2427
12	Clive P. Rowe	Clive P. Rowe	Eliot J-53	"		"	8-7442
13	Matt Runkel	Matt Runkel	Eliot I-53	"		"	"
14	S. H. Majid	S. H. Majid	Eliot N-22A	"		"	8-1999
15	Frank J. Vittimberga	Frank J. Vittimberga	Eliot D-51	"		"	8-2368
16	Gillian B. Borland	Gillian B. Borland	Eliot G-33	"		"	8-2400
17	Stephen Holding	Stephen Holding	Eliot A-21	"		"	8-2332
18	Cyrus Noble	Cyrus Noble	Eliot S-21	"		"	8-2698
19	Irfan Ali	Irfan Ali	Eliot M42	"		"	8-2463
20	George P. Taylor	George P. Taylor	Eliot L-1A	"		"	8-2455

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Lisa E. Davenport	Lisa E. Davenport	Eliot B-51	CAMBRIDGE	MA	02138	498-2345
2	Inge Moolman	INGE MOOLMAN	Master Lodge E	"	"	"	498-7891
3	Bonnie Huang	Bonnie Huang	Eliot D-23	"	"	"	498-2361
4	Francis W. Quinn	Francis W. Quinn	Eliot K-43	"	"	"	458-2451
5	Brandon Beck	Brandon Beck	Eliot D-52	"	"	"	8-2361
6	Lea W. Paine	Lea W. Paine	Eliot B-42	"	"	"	8-2343
7	Arthur H. Luster	Arthur H. Luster	Eliot K-43	"	"	"	8-2451
8	William F. Joson	WILLIAM F. JOSON	Eliot K-42	"	"	"	8-2451
9	Ian Obilvie	IAN OBILVIE	Eliot H 34	"	"	"	8-2412
10	Heidi Beck	Heidi Beck	Eliot B 21	"	"	"	8-2338
11	Kear Pearson	Kear Pearson	Eliot M-32	"	"	"	8-2461
12	Maurson Bae	Maurson Bae	Eliot B-43	"	"	"	8-2314
13	Ian Condry	Ian Condry	Eliot E-51	"	"	"	
14	Leigh Weiss	Leigh Weiss	Eliot K 41	"	"	"	8 2449
15	Kathryn E. Rorer	Kathryn E. Rorer	Eliot J-31	"	"	"	8-2439
16	Daniel H. Wright	Daniel H. Wright	Eliot L-12	"	"	"	8-2455
17	Gerry Mongelli	GERRY MONGELLI	Eliot M-41	"	"	"	8-2428
18	Janice Sweetser	Janice Sweetser	Eliot N-21	"	"	"	↑
19	Hugh Murray	Hugh Murray	Eliot F 33	"	"	"	8-2464
20	Arline G. HENNEST	Arline G. HENNEST	Eliot Hesse Master Lodge	"	"	"	5-4224

8-2375

LETTER TO THE LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Elise Bruhl	Elise Bruhl	Lowell N-12 + 13	CAMBRIDGE	MA	02138	
2	Dan Kammen	Dan Kammen	36 Aron St, Somerville	"	"	"	666-3436
3	Bonny Shapiro	Jeremy Shapiro	Lowell F-21	"	"	"	
4	Alenna Merrinew	ALENNA MERRINEW	LOWELL E-52	"	"	"	8-2937
5	Laura Seigle	Laura Seigle	Lowell D-51	"	"	"	8-2926
6	Jay Sanchez	Jay Sanchez	Leverett F-30	"	"	"	8-2707
7	Ignacio Soloda	Ignacio Soloda	Lowell H-33	"	"	"	8-2974
8	Jessica Sanchez	Jessica Sanchez	56 Appel Dr. Chick MA	Shirley	MA	01967	(516) 399-1868
9	Jonathan Heller	JONATHAN HELLER	Lowell B-21	CAMBRIDGE	"	"	8-2896
10	David Rettig	David Rettig	Lowell B-21	"	"	"	8-2896
11	Liam B. Lavery	Liam B. Lavery	Lowell B-21	"	"	"	8-2896
12	Jason Bouldin	JASON BOULDIN	Lowell H-24	"	"	"	8-2974
13	Nevin Steinberg	NEVIN STEINBERG	LOWELL W-31	"	"	"	8-3050
14	Richard Tafel	Richard Tafel	21 Kirkland St	"	"	"	497-1146
15	Jack L. Orchard	Jack L. Orchard	Lowell G-11	"	"	"	498-2948
16	John Kim	John Kim	Lowell B-44	"	"	"	498-2906
17	Dina D. Strachan	Dina D. Strachan	North BG 20-31	"	"	"	498-1730
18	Tracey Roberts	TRACEY ROBERTS	Lowell Q22	"	"	"	498-3082
19	Stuart Semmel	STUART SEMMEL	Lowell F-11	"	"	"	498-2946
20	Linda Michaels	Linda Michaels	Claverly 27	"	"	"	498-3425

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Patrick Senatus</i>	PATRICK SENATUS	MATHER 318	CAMBRIDGE	MA	02138	
2	<i>John G. Harpel</i>	John G. Harpel	Mather 36	"	"	"	8-7314
3	<i>Anthony Molinari</i>	Anthony Molinari	Mather 410	"	"	"	8-7355
4	<i>Michael Hannahan</i>	Michael Hannahan	Mather 420	"	"	"	8-7364
5	<i>Matt S. Ferath</i>			"	"	"	
6	<i>Matt S. Ferath</i>	Matt S. Ferath	Mather 400	"	"	"	8-7350
7	<i>John Chuang</i>	John Chuang	Mather 106	"	"	"	8-4586
8	<i>Jay Stewart</i>	Jay Stewart	Mather 414	"	"	"	8-4367
9	<i>Derek Lee</i>	Derek Lee	Mather 108	"	"	"	8-4588
10	<i>David Lipson</i>	David Lipson	Mather 127	"	"	"	8-4603
11	<i>Pamela A. DiRubio</i>	Pamela J. DiRubio	Mather 54	"	"	"	8-4534
12	<i>Barnaby Nygren</i>	Barnaby Nygren	Mather 82	"	"	"	8-4565
13	<i>Michael L. Scalet</i>	Michael L. Scalet	Ward 27/Boston	(Boston)	"	02108	8-5716
14	<i>Daniel A. Kaufman</i>	Dan Kaufman	Mather 305	CAMBRIDGE	"	02138	8-7328
15	<i>Lorri A. McDaniel</i>	Lorri McDaniel	P.O. Box 2562 Camb. MA	"	"	02238	5-4829
16	<i>Karen Avery</i>	Karen Avery	Mather 416	"	"	02138	8-7360
17	<i>Francie Youssef</i>	Francie Youssef	Mather 418	"	"	"	8-4511
18	<i>Lewison Lee</i>	Lewison Lee	Mather 315	"	"	"	8-4427
19	<i>Sunny Kim</i>	SUNNY KIM	MATHER 416	"	"	"	8-7360
20	<i>Don Mordecai</i>	Don Mordecai	Mather 78	"	"	"	8-4559

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Vadim Koytenberg	VADIM KOYTENBERG	LEVERETT D-34	CAMBRIDGE	MA	02138	8-2675
2	Paul Chan	Paul Chan	Mather 404	Camb.	Ma	02138	8-7349
3	Julie Gladstone	Julie Gladstone	Mather 432	"	"	"	8-
4	Michael Pendleton	Michael Pendleton	Mather 307	"	"	"	8-7330
5	Jesselyn Simpson	Jesselyn Simpson	Mather 421	"	"	"	8-4529
6	Eric Feltman	Eric Feltman	Mather 415	"	"	"	8-7359
7	Heather Chase	Heather Chase	Mather 317	"	"	"	8-7340
8	Edward Park	Edward Park	Mather 429	"	"	"	8-7373
9	Richard Idan	Richard Idan	Mather 437	"	"	"	8-7361
10	Sarah Lampart	Sarah Lampart	Mather 422	"	"	"	8-4394
11	Carolyn McColley	Carolyn McColley	Mather 321	"	"	"	8-4266
12	Gustav R. Bodner	Gustav R. Bodner	Mather 415	"	"	"	8-7359
13	Deborah Paine	Deborah Paine	Mather 422	"	"	"	8-4394
14	Paul L. Suh	Paul L. Suh	Mather 126	"	"	"	8-4602
15	Paul B. O'Brien	Paul B. O'Brien	127 Lake St	Boston	"	02135	254-9769
16	Carina Rotsztein	Carina Rotsztein	Mather 421	"	"	"	8-4526
17	Scott Yang	Scott Yang	132 Mather	"	"	"	8-4608
18	Elizabeth Rogers	Elizabeth Rogers	137 Mather	"	"	"	8-4611
19	Chris Arbery	Chris Arbery	417 Mather	"	"	"	8-7361
20	Brook Horowitz	Brook Horowitz	434 Mather	"	"	"	8-7578

PETITION TO REGULATE LABORATORY ANIMALS

We the members of the Harvard community appeal to the Cambridge City Council to pass the Ordinance for the Care and Use of Laboratory Animals. We support the ordinance because it provides for public review of information about procedures used, comprehensive inspections, and an animal advocate on each institutional animal care committee. The City must also ensure that commercial labs do not poison or blind animals simply to introduce new cosmetics and toiletries.

No	Signature	Printed Name	Address	City	St	Zip	Phone
1		Charlotte Brownlee	Lowell C-33	CAMBRIDGE	MA	02138	498-2911
2		Chris Winn	Loweverett #41	"	"	"	498-2552
3	Tasha M. Vincent	TASHA M. VINCENT	Lowell B-12	"	"	"	8-2892
4	Ellen Pinchuk	Ellen Pinchuk	Mather 317	"	"	"	8-7340
5		RAYMOND LOHRER	LOWELL D-52	"	"	"	8-2936
6		KEVIN M. JOYCE	LEVERETT A-31	"	"	"	498-2671
7		Mary E. Sarotte	Lowell C12	"	"	"	8-3096
8		Peter J. Bannon	Lowell M-33	"	"	"	8-3035
9		Paul Mariani	Lowell N-52	"	"	"	8-3059
10		Gus TAJ	Lowell p-31	"	"	"	8-3079
11	Anna Wetsel	Anna Wetsel	Lowell R-34	"	"	"	8-3093
12	David Hsu	David Hsu	Mather 433	"	"	"	8-7377
13	Deep Varma	Deep Varma	Mather 412	"	"	"	8-4357
14	Donna Hughes	Donna Hughes	Mather 138	"	"	"	8-4614
15	Elise Davison	ELISE DAVISON	Elliot 134	"	"	"	8-2428
16		David McLaughlin	Mather 120	"	"	"	8-7377
17	Eric Young	Eric Young	Mather 409	"	"	"	8-7353
18	Deborah Laurence	Deborah Laurence	Mather 408	"	"	"	8-4474
19		Robert Sussman	Mather 322	"	"	"	8-2144
20		Robert Barnes	Mather 303	"	"	"	87326

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	David J. Mirsky	David J. Mirsky	Wigglesworth A-12	Cambridge		02138	498-3910
2	Mark Holman	Mark Holman	Canaday B-44	Cambridge	MA	02138	8-8269
3	Ryan Minor	Ryan Minor	Wigglesworth E-21	Cambridge	MA	02138	498-3933
4	Anup Joshi	ANUP JOSHI	Greep E-24	Cambridge	MA	02138	498-3464
5	Bob Whitehill	Bob Whitehill	Canaday A-44	"	"	"	498-8234
6	Jonathan Greenberg	Jonathan Greenberg	Canaday B-41	"	"	"	498-8263
7	Neil Segal	NEIL SEGAL	Thayer 58	"	"	"	8-3860
8	Peter Sharis	Peter Sharis	Hollis 6	"	MA	"	498-3535
9	Jennifer Turnock	Jennifer Turnock	Thayer 10	"	"	"	498-3814
10	Preetinder Bharara	PREETINDER BHARARA	8 PRESCOTT STREET Rm 6	"	MA	02138	498-7896
11	Vincent Whipple	VINCENT WHIPPLE	WIGGLESWORTH I-21	"	"	"	498-3956
12	Linda M. Sakimura	LINDA M. SAKIMURA	WIGGLESWORTH F-21	"	"	"	498-3938
13	David R. Chen	DAVID R. CHEN	WIGGLESWORTH F-12	"	"	"	498-3937
14	Bridget E. Mahoney	BRIDGET MAHONEY	Matthews 16	"	"	"	8-3643
15	Justin Deary	JUSTIN DEARY	Thayer 8	"	"	"	83822
16	Carl Pelofsky	Carl Pelofsky	Wig F-31	"	"	"	8-3940
17	Jim Nicklaus	Jim Nicklaus	Stras C-31	"	"	"	498-3791
18	Jeffrey M. Amorosawa	JEFFREY M. AMOROSAWA	CANADAY C-54	"	"	"	
19	Nannie Brown	NANNIE BROWN	PRESCOTT 10	"	"	"	
20	Mary Wymann	Mary Wymann	Matthews 13	"	"	"	

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Jimmy W. Crow</i>	Jimmy W. Crow	Holworthy 15	CAMBRIDGE	MA	02138	498-3577
2	<i>David T. Gay</i>	DAVID T. GAY	Straus D-32	"	"	"	498-3800
3	<i>Susan Milton</i>	Susan Milton	Mathews 14	"	"	"	498-3641
4	<i>Elizabeth Olds</i>	LIDDY OLDS	Weld N-38	"	"	"	
5	<i>Nina Anderson</i>	NINA ANDERSON	Hollis 9	"	"	"	498-3538
6	<i>Olentha Von Redden</i>	Olentha Von Redden	Pennypacker 33	"	"	"	498-3721
7	<i>Seth Tapper</i>	Seth Tapper	New York NY	"	"	"	(212) 924 7869
8	<i>Andrew R. Ryan</i>	Andrew R. Ryan	Wigglesworth I-11	"	"	"	498-3954
9	<i>Jennifer Chen</i>	Jennifer Chen	Weld N46	"	"	"	498-3900
10	<i>OhSang Kwon</i>	OhSang Kwon	Holworthy 23	"	"	"	8-3585
11	<i>Kingsway Liu</i>	Kingsway Liu	Straus D-31	"	"	"	8-3288
12	<i>Jacques H. Scharoun</i>	Jacques H. Scharoun	Caraday E-44	"	"	"	8-888 8-8888
13	<i>Lucy Thomason</i>	Lucy Thomason	Wigglesworth E-21	"	"	"	8-3938
14	<i>Alex Taylor</i>	Alex Taylor	Stoughton - 8	"	"	"	8-3744
15	<i>Michael Yu</i>	Michael Yu	Wigglesworth F-31	"	"	"	498-3940
16	<i>Katherine M. Hocker</i>	Katherine M. Hocker	Greenough N37	"	"	"	8-3513
17	<i>Louise M. Polikoff</i>	LOUISE M. POLIKOFF	HOLWORTHY 14	"	"	"	8-3576
18	<i>Jason M. Strong</i>	Jason M. Strong	Greys M43	"	"	"	498-3478
19	<i>Frank St. Peters</i>	FRANK ST. PETERS	Dunster E-32	"	"	"	498-2215
20	<i>Ananias Blocker III</i>	Ananias Blocker III	Mower B-11	"	"	"	498-3696

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Matthew Zeyou</i>	LENGUCCI	QUINCY C 22	CAMBRIDGE	MA	02138	8-3188
2	<i>[Signature]</i>	Bogdan Kryca	Canaday G-21	"	"	"	
3	<i>Robert Mahnke</i>	Robert Mahnke	Greenough 42	"	"	"	
4	<i>Manon Yew</i>	Manon Yew	Straus C-31	"	"	"	8-3791
5	<i>Milan Moore</i>	Milan Moore	Greenough 43	"	"	"	8-3419
6	<i>Allison Mendenhall</i>	Allison Mendenhall	Canaday A34	"	"	"	8-8224
7	<i>Mike Dowling</i>	MIKE DOWLING	NORTH HOUSE	"	"	"	8-6333
8	<i>Charlotte Kim</i>	CHARLOTTE KIM	WELD 3-10	"	"	"	8-3873
9	<i>Richard Hygles</i>	Richard Hygles	Weld N25	"	"	"	8-3881
10	<i>Sarah S. Strasser</i>	Sarah Strasser	Trayer 65	"	"	"	8-3867
11	<i>Laura Nelson</i>	Laura Nelson	Weld N48	"	"	"	8-3902
12	<i>Andrew Sabl</i>	Andrew Sabl	Canaday G-21	"	"	"	8-8436
13	<i>Sarah Gridley</i>	Sarah Gridley	Hollis 31	"	"	"	8-3560
14	<i>Andrew Clutok</i>	ANDREW CLUTOK	Greenough 522	"	"	"	8-3496
15	<i>Laura Whittor</i>	Laura Whittor	Stoughton	"	"	"	8-3746
16	<i>Louise Cosos</i>	Louise Cosos	Pennypacker 26	"	"	"	8-3716
17	<i>Michael W. Vallmer</i>	Michael W. Vallmer	Matthews 31	"	"	"	8-3658
18	<i>Mary Christ</i>	Mary Christ	Matthews 43	"	"	"	8-3670
19	<i>Shu-Ching Chen</i>	Shu-Ching Chen	Pennypacker 36	"	"	"	8-3724
20	<i>Maureen Oyola</i>	MAUREEN OYOLA	Greenough 2	"	"	"	8-7123

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Amy D. Segel	Amy D. Segel	Canada A-12, Harvard Coll.	CAMBRIDGE	MA	02138	
2	Larry La Fountain	Larry LaFountain	Holworthy 7, Harvard	Cambridge	"	"	498-3569
3	Frances Winter	Frances Winter	2 Ware St.	"	"	"	492-0762
4	Vineet Gupta	Vineet Gupta	Sloughen 19	"	"	"	497-3756
5	Dylan Jones	Dylan Jones	Wigglesworth E-21	"	"	"	478-3733
6	Kim Bettcher	Kim Bettcher	Grays E21	"	"	"	498-3464
7	Oscar Alvarado	Oscar Alvarado	Canary B-41	"	"	"	499-8263
8	Elizabeth Bluestein	Elizabeth Bluestein	Mower B-31	"	"	"	498-3700
9	Pier Carlo Talenti	Pier Carlo Talenti	Wigg - B-32	"	"	"	498-3919
10	Jonathan M. Block	Jonathan M. Block	4 Glenwood	"	"	"	498-3723
11	Ethan A. Balogh	ETHAN A. BALOGH	CANADAY A44	"	"	"	498-8234
12	David Ridiini	David Ridiini	Weld 315	"	"	"	498-3886
13	Jon Bernstein	Jon Bernstein	Canada J-41	"	"	"	498-8382
14	Luis Caldera	Luis Caldera	Weld 11	"	"	"	498-3874
15	William Clark	William Clark	8 Prescott St. 8	"	"	"	8-7280
16	Peter Bird	Peter Bird	Matthews 43	"	"	"	8-8427
17	T. Kershner	T. Kershner	Wigg I-21	"	"	"	8-3756
18	Kris Propola	Kris Propola	Canary D-54	"	"	"	8-8355
19	ANVIL N	ANVIL N	GRAYS M24	"	"	"	8-3467
20	SEI Iwai	SEI Iwai	Matthews 5	"	"	"	8-3632

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	M. Elaine Mar	M. Elaine Mar	Leverett F-12	CAMBRIDGE	MA	02138	
2	Louis E. Gardner	Louis E. GARDNER	Winthrop F-39	"	"	"	498-3308
3	Julie Y. Fate	Julie Y. Fate	Winthrop H-44	"	"	"	998-3340
4	Daniel Vanderlyn	DANIEL VANDERLYN	6-43	"	"	"	3327
5	Dava Figuccia	DAVID FIGUCIA	WINTHROP F-11	"	"	"	
6	F.D. White (Tim Jenkins) →		Leverett F-58	"	"	"	8-2729
7	Catherine Wolfram	Catherine Wolfram		"	"	"	
8	Julie Chodacki	Julie Chodacki	Winthrop D-32	"	"	"	
9	Margaret Watt	Margaret Watt	Winthrop I-32	"	"	"	8-3351
10	Howard Rosers	Howard Rosers	Winthrop F--44	"	"	"	8-3713
11	Robert Bornick	Robert Bornick	Winthrop J-34	"	"	"	8-3370
12	Selwyn Rogers, Jr.	Selwyn Rogers, Jr.	Winthrop G-35	"	"	"	8-3324
13	Eric Davis	Eric Davis	Winthrop J-43	"	"	"	8-3374
14	Jacob D. Hill	Jacob D. Hill	Winthrop 6-21	"	"	"	8-3311
15	Caragh Norne	Caragh Norne	Winthrop F-31	"	"	"	8-3290
16	Raise Kelley	Raise Kelley	Winthrop E-31	"	"	"	8-3398
17	Simon Gray	SIMON Gray	TRINITY COLLEGE, CAMBRIDGE	CAMBRIDGE	ENGLAND	"	"
18	Edward Saunders	EDWARD SAUNDERS	" " "	"	"	"	"
19	Rutledge Simmons	Rutledge Simmons	Winthrop F-23	"	MA	"	4-3352
20	M. Bentel	M. Bentel	Winthrop B33	"	"	"	8-3258

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Lara Akinbami	LARA AKINBAMI	KIRKLAND M-32	CAMBRIDGE	MA	02138	498-2620
2	Eric Plier	ERIC PLIER	Winthrop 6-21	"	"	"	8-3315
3	Tseming Yang	TSEMING YANG	Winthrop I-23	"	"	"	8-3347
4	Jane Stackpole	JANE STACKPOLE	Winthrop I-24	"	"	"	8-3348
5	Lauren Smith	LAUREN SMITH	Lowell C41	"	"	"	8-2919
6	Kris Baird	KRIS BAIRD	Winthrop P-32	"	"	"	8-3276
7	Charles Dupree	CHAR. DUPREE	Winthrop F-23	"	"	"	8-3302
8	Takao Hensch	TAKAO HENSCH	Winthrop J-35	"	"	"	8-3371
9	Danielle Schechter	DANIELE SCHECHTER		"	"	"	
10	James P. Connolly	JAMES P. CONNOLLY	Winthrop G-32	"	"	"	83321
11	Brent J Martin	BRENT J MARTIN	Winthrop S-31	"	"	"	8-3350
12	Robert Strang	ROBERT STRANG	Winthrop F-34	"	"	"	8-3308
13	Geoffrey Binney	GEOFFREY BINNEY	WINTHROP C-41	"	"	"	8-3267
14	Joseph D. Hoffman	JOSEPH D. HOFFMAN	WINTHROP E-14	"	"	"	8-3284
15	Susan Doherty	SUSAN DOHERTY	Winthrop C-43	"	"	"	
16	A. Pereira	A. PEREIRA	15 Magnus Ave #3	"	"	"	629-2034
17	E. Drucker	E. DRUCKER	Winthrop J44	"	"	"	8-3375
18	J. Potash	J. POTASH	Winth. H-21	"	"	"	8-3330
19	Aran Kawaguchi	ARAN KAWAGUCHI	WIN J-34	"	"	"	8-3370
20	Lauren K. Quinn	LAUREN K. QUINN	Winthrop E-34	"	"	"	8-3293

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	John Heymach	John Heymach	Winthrop E-15	CAMBRIDGE	MA	01230	8-3285
2	Ted Chang	TED CHANG	WINTHROP G-35	"	"	"	8-3324
3	Kevin G. Volfp	Kevin G. Volfp	WINTHROP J-43	"	"	"	8-3374
4	Robert C. Bartlett	Robert C. Bartlett	65 Mt. Auburn St. #72	"	"	"	864-6026
5	Matthew Stasick	Matthew Stasick	Winthrop H-23	"	"	"	448-3332
6	DAN MCGIFFIN	DAN MCGIFFIN	WINTHROP J-43	"	"	"	8-3374
7	Mark Robbins		Winthrop E-15	"	"	"	8-3285
8	Thomas Desci	Thomas Desci	HOLLIS 27	"	"	"	8-3556
9	Nhan Truong	Nhan Truong	HOLLIS 27	"	"	"	8-3551
10	JEFF KING	JEFF KING	QUINCY D-11	"	"	"	8-3262
11	Dan Carey	Dan Carey	Winthrop E-33	"	"	"	8-3292
12	Fred Apel	Fred Apel	Kirkland B-42	"	"	"	8-2503
13	Claire Fleming	Claire Fleming	Winthrop D-41	"	"	"	8-3279
14	SCOTT GRISWOLD	SCOTT GRISWOLD	WINTHROP E-22	"	"	"	3287
15	Margaret Cimino	Margaret Cimino	Winthrop C-23	"	"	"	3263
16	Karen Mahoney	Karen Mahoney	Winthrop E-24	"	"	"	8-3289
17	Jill Ho Tai	Jill Ho Tai	Winthrop F-23	"	"	"	8-3256
18	DANIEL HUREWITZ	DANIEL HUREWITZ	Win. I-43	"	"	"	8-3357
19	Jeffrey C. Walk	Jeffrey C. Walk	Winthrop F-34	"	"	"	8-3308
20	Alisa Gardner	Alisa Gardner	Winthrop I-45	"	"	"	8-3359

PEITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Mark E Coyne	MARK E- COYNE	56 Linnaean St	CAMBRIDGE	MA	02138	
2	Matt Vickerstaff	MATT-VICKERSTAFF	CAMBRIDGE UNIVERSITY ENGLAND	"	"	"	
3	Beth Abate	BETH ABATE	Kirkland L-22, H.U	"	"	"	82608
4	Larry Balogh	LARRY BALOGH	Sanctum Winthrop B42	"	"	"	
5	Arthur M. Carter	Arthur M. Carter	Quincy House D-12	"	"	"	8-3203
6	Todd R. Watkins	TODD R. WATKINS	Winthrop E-22	"	"	"	8-3287
7	Andy Goldstein	Andy Goldstein	Winthrop G-31	"	"	"	8-3320
8	Carla Sains	CARLA SAINS	Winthrop F-13	"	"	"	8-3298
9	Mia Wenjen	Mia Wenjen	Winthrop D-23	"	"	"	8-3273
10	Neal Brady	Neal Brady	Winthrop B-24	"	"	"	8-3257
11	Tom Waldman	Tom Waldman	Winthrop I-33	"	"	"	8-3357
12	Martin Grant	Martin Grant	217 Hastings Rd	"	"	"	8-4786
13	Philip Sardon	Philip Sardon	B-21 Winthrop	"	"	"	8-3315
14	Paul A. Bokota	Paul A- BOKOTA	Winthrop C-31	"	"	"	8-3264
15	Alexandrina Nape	Alexandrina NAPE	Winthrop F-13	"	"	"	8-3298
16	Eden Allswang	Eden Allswang	STRAUS D-22	"	"	"	8-3798
17	J.F. Kibecker	J.F. Kibecker	Winthrop I-44	"	"	"	8-3798
18	Seil McCreary	Seil McCreary	Winthrop I-44	"	"	"	8-3798
19	John Arnason	JOHN ARNASON	Winthrop H-52	"	"	"	8-3342
20	Seil McCreary	Seil McCreary	Winthrop I-52	"	"	"	8-3342

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Francis D. Hughes</i>	Francis D. Hughes	Quincy St Harvard	Cambridge	MA	02138	498-3117
2	<i>Steve Lewitt</i>	Steve Lewitt	Lowell F-71	Cambridge	MA	02138	498-2140
3	<i>Carol Mullen</i>	Carol Mullen	Winthrop G-45	"	"	"	498-3229
4	<i>Frederick Davis</i>	Frederick Davis	Lowell F-91	"	"	"	8-2916
5	<i>Marcia Belvin</i>	Marcia Belvin	Winthrop D-4	"	"	"	8-3229
6	<i>Amy Zebner</i>	Amy ZEBNER	Winthrop I-45	"	"	"	8-3359
7	<i>Karen O'Hara</i>	Karen O'Hara	Winthrop E-35	"	"	"	3294
8	<i>D. Lappas</i>	DIMITRIS LAPPAS	21 Peabody Terrace #22	"	"	"	661-4902
9	<i>Wade Roush</i>	WADE ROUSH	Woburnsworth K-11	"	"	"	498-3969
10	<i>Dan Gerstein</i>	Dan Gerstein	Winthrop E-23	"	"	"	498-3288
11	<i>Matthew Elton</i>	Matthew Elton	Winthrop G-35	"	"	"	498-3321
12	<i>Beatrice Tsao</i>	BEATRICE TSAO	Winthrop J-31	"	"	"	498-3367
13	<i>Thuy Lam Tran</i>	THUY-LAM TRAN	Greenough 32	"	"	"	498-3507
14	<i>Kelly McBride</i>	Kelly McBride	Winthrop D-33	"	"	"	498-3277
15	<i>Elizabeth Allman</i>	Elizabeth Allman	Winthrop D-33	"	"	"	498-3277
16	<i>Paul Thissen</i>	PAUL THISSEN	Winthrop F-44	"	"	"	498-3313
17	<i>Miriam Nemet</i>	Miriam Nemet	45 Elm St Apt 34 Somerville	Somerville	MA	02143	625-1325
18	<i>Margie S. Ruffalo</i>	Margie S. Ruffalo	Lowell C-33	Cambridge	"	"	8-2917
19	<i>Steven Stogatz</i>	Steven Stogatz	Winthrop H-22	"	"	"	8-3331
20	<i>Margy Horan</i>	MARGY HORAN	Winthrop I-32	"	"	"	8-3339

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Leena Grigoraki	Leena Grigoraki	21, Peabody Terr	CAMBRIDGE	MA	02138	661-4902
2	Jean Payer	Jean Payer	Winthrop E-11	"	"	"	498-3784
3	Paul D. Storza	Paul D. Storza	Lowell Hse 6F33	"	"	"	498-2974
4	Matthew Ranen	Matthew Ranen	Winthrop H-21	"	"	"	498-3330
5	Joseph Carrier	Joseph Carrier	Winthrop F-44	"	"	"	498-3313
6	Virginia Lee Stimpson	Virginia Lee Stimpson	Lowell C-33	"	"	"	498-2917
7	David Draziger	DAVID DRAZIGER	Winthrop F-31	"	"	"	8-3305
8	Carol Ann Greene	Carol A. Greene	Winthrop H-33	"	"	"	8-3334
9	Laura K. Dietz	LAURA DIETZ	WINTHROP H-33	"	"	"	8-3334
10	Janet C. Dickerman	Janet DICKERMAN	Winthrop B-31	"	"	"	8-3381
11	Chris Marchok	Chris Marchok	" I-31	"	"	"	8-3350
12	Zara A. Kuro	ZARA A. KURO	" G-1	"	"	"	8-3326
13	Alex Frenkel	Alex FRENKEL	Winthrop E-17	"	"	"	8-3283
14	Sarah Lees	Sarah Lees	Winthrop B-33	"	"	"	8-3258
15	Harold Rudin	Harold Rudin	Winthrop I-25	"	"	"	8-3349
16	Alexandra G. Schreiber	Alexandra G. Schreiber	Winthrop J-22	"	"	"	8-3365
17	Claire Ancona-Berk	Claire Ancona-Berk	Winthrop F-42	"	"	"	8-3311
18	Kim Gutschow	KIM GUTSCHOW	North	"	"	"	8-1710
19	Dan Pauly	Dan Pauly	Winthrop F-23	"	"	"	8-3302
20	John D. Rusker IV	JOHN D. RUSKER IV	CABOT 4013	"	"	"	8-6607

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Tom S. Hoctor	Tom S. Hoctor	Winthrop J-43	CAMBRIDGE	MA	02138	
2	Kristin L. Olson	Kristin L. OLSON	Winthrop J-22	"	"	"	8-3228
3	Laura Kohl	Laura Kohl	Winthrop C-43	"	"	"	8-3262
4	Alex Lewis	Alex Lewis	Winthrop H34	"	"	"	8-3336
5	Kentzi Elek	Kentzi Elek	Winthrop H21	"	"	"	8-3330
6	Manfred	Manfred	Eliot T-53	"	"	"	8-2406
7	David Isaac	DAVID ISAACS	Eliot A-11	"	"	"	8-2330
8	Jacqueline McNeal	Jacqueline McNeal	Eliot I-32	"	"	"	8-2426
9	Thomas M. Morrison	THOMAS M. MORRISON	Eliot C-51	"	"	"	8-2356
10	Cateje Wayne	CATEJE WAYNE	Eliot I-42	"	"	"	8-2431
11	George Hunnenell	George Hunnenell	Adams	"	"	"	
12	Armand M. Nicholas	ARMAND M. NICHOLAS	Eliot F-53	"	"	"	8-2588
13	Scott Gwozdz	SCOTT GWOZDZ	Carrier House Tel	"	"	"	666-5408
14	Spacey Edwards	Spacey Edwards	Eliot H-56	"	"	"	498-2414
15	Gary Woolf	GARY WOOLF	Eliot G-24	"	"	"	8-2398
16	David M. Walley	DAVID M. WALLEY	Wig J-31	"	"	"	498-3963
17	Marilee Chang	Marilee Chang	Eliot J-52	"	"	"	498-7458
18	Sheila Barron	Sheila Barron	Eliot D23	"	"	"	
19	James Grossman	James GROSSMAN	Eliot M-31	"	"	"	498-2460
20	Sean McKenna	Sean McKenna	Eliot A-12	"	"	"	498-2331

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	T. Edwards	Trane Edwards	Eliot H-36 Harvard U.	Cambridge	MA	02138	978-2419
2	F. Jackson Lewis	F. Jackson Lewis	Eliot M-31	"	"	"	498-2460
3	Chris Cabot	Chris Cabot	"	"	"	"	"
4	Joseph P. Connelly	Joseph P. Connelly	Eliot D-11	"	"	"	8-2358
5	Lisa M. Mazzoni	LISA M. MAZZONI	Eliot I-44	"	"	"	498-2432
6	T.P. Hayden	T.P. Hayden	Eliot NS1	"	"	"	8-2465
7	Craig Comter	Craig Comter	" A-11	"	"	"	8-2330
8	Jane Boyce	Jane Boyce	Adams E 22	"	"	"	8-7191
9	Winfield Coachman	Winfield Coachman	Eliot K-52	"	"	"	8-2453
10	Peter Robertson	Peter Robertson	Eliot G-31	"	"	"	8-2399
11	David K. Eldan	DAVID K. EL DAN	ELIOT H-32	"	"	"	8-2410
12	David C. Berhoff	DAVID C. Berhoff	Eliot B-11	"	"	"	8-2335
13	David Obama	DAVID OBAMA	QUINCY C-34	"	"	"	8-3195
14	L.G. Gwynne-Timothy	L.G. Gwynne-Timothy	Eliot H-52	"	"	"	8-2474
15	Bill Warkenton	BILL WARKENTON	Quincy C-57	"	"	"	2357
16	Albert Lee	Albert Lee	Eliot F-22	"	"	"	2384
17	Mary Beth Bayne	Mary Beth Bayne	Grays W15	"	"	"	3984
18	Amy L. Sillman	Amy Lynn Sillman	Eliot C-32	"	"	"	8-2352
19	Kimberly Mar	Kimberly Mar	Eliot J-31	"	"	"	8-2439
20	Kay Peterson	Kay Peterson	Eliot H-35	"	"	"	8-2413

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Terry Murray	TERRY MURRAY	Eliot M-32	Cambridge			8-2461
2	Susan Sedlacek	Susan Sedlacek	Eliot F-41	Cambridge	MA	02138	8-2430
3	Kurt Voelker	Kurt Voelker	Eliot N-31	Cambridge	MA	02138	8-2465
4	Emily Wayne Arnold	Emily Wayne Arnold	Wesport F-185	Cambridge	MA	02136	8-2772
5	Lionel Leventhal	Lionel Leventhal	Maiker 107	"	"	"	8-4587
6	John Amory	John Amory	win F-23	"	"	"	8-3302
7	Victoria Alice Berka	VICTORIA BERKA	ELIOT I-31	CAMBRIDGE	MA	02138	8-2425
8	Mike Thomas	Mike Thomas	Eliot H-52	"	"	"	8-2474
9	Joe Hayashi	Joe Hayashi	Grays W-16	"	"	"	8-5246
10	Robert D. Leone	Robert D. Leone	Kirkland M-41	"	"	"	8-8820
11	Allison R. Armour	Allison R. Armour	Eliot J-31	"	"	"	8-2439
12	David DiMelli	DAVID DIMIELLI	MASS HALL A-33	"	"	"	8-3016
13	Donald N. Fawcett	DONALD N. FAWCETT	Eliot Ave M-32	"	"	"	8-2460
14	Patricia Washtenko	PATRICIA WASHTENKO	Eliot B-41	"	"	"	8-2342
15	Lisa Estreich	LISA ESTREICH	NORTH HSE	"	"	"	8-6326
16	Tom Aucamp	Tom Aucamp	Eliot C-51	"	"	"	8-2356
17	Todd Fairchild	Todd Fairchild	Eliot C-51	"	"	"	8-2356
18	Kristin Williams	Kristin Williams	ELIOT G-52	"	"	"	8-3563
19	Albert S. Barr	Albert Barr	Eliot G-34	"	"	"	8-2401
20	Amanda Leness	Amanda Leness	Eliot H-53	"	"	"	8-2421

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Charles B. Feininger	Charles B. Feininger	Eliot B-53	Cambridge	MA.	02138	498-2346
2	Frances Dydeso	Frances Dydeso	Eliot I-32	"	"	"	498-2426
3	Scott Schack	SCOTT SCHACK	Eliot A-11	"	"	"	498-2326
4	John T. Zilcosky	JOHN ZILCOSKY	Eliot H-23	"	"	"	498-2408
5	Mary Lou Camarena	Mary Lou Camarena	" H 43	"	"	"	8-7870
6	Ivan J. Surer	Ivan J. Surer	Eliot D-43	"	"	"	8-2367
7	Ken Kuttner	Ken Kuttner	Eliot O-11	Cambridge	MA	02138	498-2469
8	Benjamin McCommen	Benjamin McCommen	Eliot K-31	Cambridge	MA	02138	8-2446
9	Mark F. Deener	Mark F. Deener	Eliot K-31	Cambridge	MA	02138	2446
10	Huntinton Simmons	HUNTINGTON SIMMONS	Eliot G-21	CAMBRIDGE	MA	02138	8-2396
11	Steven D. Lowe	Steven D. Lowe	Eliot G-12	"	"	"	8-2395
12	Tim Ashford	Tim Ashford	Eliot G-31	"	"	"	8-2399
13	Nicole de Necochea	Nicole de Necochea	Eliot L-21	"	"	"	8-2456
14	John W. Houghby	John W. Houghby	Grays W-16	"	"	"	D-5240
15	Allen Barton	ALLEN BARTON	"	"	"	"	"
16	Emma Seymour	EMMA SEYMOUR	Eliot N-32	Cambridge	MA	02138	498-589
17	R.W. Zoghbi	R.W. ZOGHIB	Eliot E-22	"	"	"	498-2472
18	Seth Faler	Seth Faler	Pearypacker 42	"	"	"	P-3728
19	Peter B. Olrich	Peter B. Olrich	Weld S-21	"	"	"	8-3878
20	Tycho Stahl	TYCHO STAHL	Eliot Hs. C-13	"	"	"	498-2349

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Mark Freitag	Mark Freitag	Lowell E-12	CAMBRIDGE	MA	02138	8-2929
2	Sharon Murphy	Sharon Murphy	Cumier 6405	"	"	"	8-6904
3	Daniel B. Stolar	Daniel B. Stolar	Lowell A-41	"	"	"	8-2886
4	David E Carney	DAVID E CARNEY	LOWELL N31	"	"	"	8-3050
5	Daniel Josek	DANIEL JOSEK	Lowell C-21	"	"	"	8-2911
6	Ken M. Lai	KEN M. LAI	LOWELL - I-31	"	"	"	8-2982
7	Kay Park	Kay Park	Mather 185	"	"	"	8-4657
8	Amy Hackenberg	Amy Hackenberg	Lowell L41	"	"	"	8-3024
9	Matthew J.P. Goggin	Matthew J.P. Goggin	Lowell K-22	"	"	"	8-3004
10	Gena White	GENA WHITE	Lowell J-41	"	"	"	8-2990
11	Charles E. Cohen	Charles E. Cohen	Claverly 33	"	"	"	8-3431
12	B. David Lee	B. David Lee	Lowell M-32	"	"	"	8-3034
13	Theodore J.F. Lusk	Theodore J.F. Lusk	Lowell D-11	"	"	"	8-2921
14	Theodore C. Liazos	Theodore C. Liazos	Lowell B-23	"	"	"	8-2898
15	Huw M. Nash	Huw M. Nash	Lowell M-22	"	"	"	8-3030
16	Jessica L. Mark	Jessica L. Mark	Lowell H-14	"	"	"	8-2965
17	Thomas A. Shields, Jr.	Thomas A. Shields, Jr.	Lowell M-44	"	"	"	8-3040
18	Jeffrey A. Camp	JEFFREY A. CAMP	Lowell I-21	"	"	"	8-2979
19	Peter Feaver	Peter Feaver	Dudley Aplect #3	"	"	"	8-6940
20	Teresa Lopes	Teresa Lopes	Lowell D57	"	"	"	8-2926

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Debra Wright</i>	Debra Wright	Kirkland M-12	Cambridge	MA	02138	498-2616
2	<i>Kevin McMahon</i>	Kevin McMahon	Kirkland K-11				498-2596
3	<i>Edwards E. Cordito</i>	Edwards E. Cordito	" B-52				
4	<i>Patrick J. Long</i>	Patrick J. Long	Kirkland K-52	Cambridge	MA	02138	498-2604
5	<i>Suzanne Tapson</i>	Suzanne Tapson	" G-24	Cambridge	MA	02138	498-2518
6	<i>Debbie Patz</i>	DEBBY PATZ	Kirk G-04	"	-	-	- 2598
7	<i>Lisa L. Langford</i>	Lisa L. Langford	Kirk G-33	"	"	"	8-2551
8	<i>Tamara Horne</i>	Tamara Horne	Kirk B-41	Cambridge	MA	02138	2-2502
9	<i>Clyvan Belle</i>	CLYVAN BELLE	Kirkland H-34	Cambridge	MA	02138	8-2566
10	<i>Jason Shure</i>	Jason Shure	" K-52	"	"	"	498-2604
11	<i>Elizabeth Eldridge</i>	Elizabeth Eldridge	" H-41	"	"	"	8-2567
12	<i>Manda Schossberger</i>	Manda Schossberger	Mayer 44	Cambridge	"	"	8-3898
13	<i>Alex Sutton</i>	Alex Sutton	Kirkland - B-12	Cambridge	"	"	8-2492
14	<i>Casey D. Cobb</i>	Casey D. Cobb	Kirkland I-11	Cambridge	"	"	8-2569
15	<i>Sun Yang</i>	Sun Yang	Kirkland H-32	Cambridge	MA	02138	8-2564
16	<i>Jim Jacobs</i>	Jim Jacobs	Kirkland T-34	Cambr.	MA	02138	498-2562
17	<i>David Gregg</i>	David Gregg	Kirkland E-31	Cambr	MA	02138	498-2597
18	<i>Joseph S. Walsh Jr</i>	Joseph S. Walsh Jr	Kirkland K-22	"	"	"	8-2578
19	<i>Cindy Phillips</i>	Cindy Phillips	Peab Ter 33-1#22	Cambr	MA	02138	8-5580
20	<i>Michael Cox</i>	Michael Cox	Lowell C-13	Cambridge	MA	02138	498-2910

LETTER TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Marie C. Henson	MARIE C. HENSON	LOWELL A-51 HARVARD	CAMBRIDGE	MA	02138	8-2890
2	Neil Phillips	Neil Phillips	Kirkland H23	Cambridge	MA	02138	8-2561
3	Janet M. Sausgaard	Janet M. Sausgaard	Kirkland H-42 ^{Harvard}	Cambridge	MA	02138	8-2568
4	Sylvia Chen	Sylvia Chen	Kirkland H-42	Cambridge	MA	02138	8-2568
5	Michael T. Von Rueden	Michael T. Von Rueden	Kirkland A-31	"	"	"	8-2486
6	Cindy Glass		33-22 Peabody Terrace	"	"	"	8-5580
7	Dave Bidini	Dave Bidini	Weld 31 south	"	"	"	8-3886
8	Jeremiah W. McLean	Jeremiah W. McLean	Kirkland House C-13	"	"	"	8-2510
9	Derek Mills	DEREK MILLS	MATTHEWS 06	"	"	"	8-3633
10	Paul Howley	Paul Howley	KIRKLAND	"	"	"	8-2610
11	Barton B. Clark	Barton B. Clark	Matthews 07	"	"	"	8-3634
12	Andy Hodgman	Andy Hodgman	Wayer 23	"	"	"	8-3527
13	Jon Dushay	Jon Dushay	Risk E 12	"	"	"	8-2528
14	April Cowin	April Cowin	Kirkland G-13	"	"	"	8-2543
15	Carmen Caposch	Carmen Caposch	Kirkland L-32	"	"	"	8-2610
16	Robi Soni	Robi Soni	Canada D-31	"	"	"	8-5254
17	Charles Rich	Charles Rich	Kirkland K-32	"	"	"	8-2600
18	Julie Kahn	Julie Kahn	Kirkland C-12	"	"	"	8-2509
19	Haren Schneider	Haren Schneider	Kirkland G-22	"	"	"	8-2546
20	Betty Y. Chen	Betty Y. Chen	Kirkland G-41	"	"	"	8-2553

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	David A. Beardsley	DAVID A. BEARDSLEY	KIRKLAND I-34	CAMBRIDGE	MA	02138	498-2582
2	Stacey M. Berg	STACEY M. BERG	Kirk N-42	"	"	"	498-2630
3	Michael Woodbury	Michael Woodbury	K 151	"	"	"	498-2613
4	David R. Kuhn	DAVID R. KUHN	K L42	"	"	"	8 2612
5	Matthew Bank	Matthew Bank	Adams C-27	"	MA	02130	8-2078
6	Karen E. Carney	Karen E. Carney	Kirkland H-42	"	"	"	498-2568
7	Marta Skelly	Marta Skelly	Kirkland K-42	"	"	"	8-2602
8	Wendy Katz	WENDY KATZ	" E42	"	"	"	8-2531
9	Sean Rickett	Sean Rickett	" F-12	"	"	02138	8-2576
10	Bret Hirsch	Bret Hirsch	320 Concert Hall	"	"	"	8-9246
11	Mike Agostini	MIKE AGOSTINI	Kirkland L-32	"	"	"	8-2610
12	David Flanagan	David Flanagan	Kirkland E-32	"	"	"	498-2532
13	Richard Knight	RICHARD C. KNIGHT	Matthews 07	"	"	"	498-3634
14	Frank M. Morelli	Frank M. Morelli	Kirkland B21	"	"	"	498-2494
15	Rachel Silbert	Rachel Silbert	Kirkland G-13	"	"	"	498-2543
16	Sarah W. Wald	Sarah Wald	Kirkland B-44	"	"	"	498-2505
17	Vi Nguyen	Vi Nguyen	Kirkland C-11	"	"	"	498-2508
18	Charlotte Ellertson	Charlotte Ellertson	Kirkland B-51	"	"	"	498-2506
19	Ron Rakowski	RON RAKOWSKI	K-House G-31	"	"	"	498-2549
20	Laura Wilson	Laura Wilson	Leverett F-30	"	"	"	8-2701

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Martina Verna</i>	Martina Verna	Winthrop E-31	Cambridge	MA	02137	
2	<i>Gail Reynolds</i>	Gail Reynolds	Kirkland C-31	"	"	"	
3	<i>Wendy Ann Astondoa</i>	Wendy Ann Astondoa	Kirkland D-22	"	"	"	
4	<i>David Wood</i>	DAVID WOOD	KIRKLAND A-33	"	"	"	
5	<i>Chris Perez</i>	Chris Perez	Kirkland A-33	"	"	"	
6	<i>Eric Gault</i>	Eric Gault	Kirkland M-11	"	"	"	
7	<i>Kathy Mulvehal</i>	Kathy Mulvehal	Kirkland G-22	"	"	"	
8	<i>Jill Cates Valet</i>	JILL CATES VIALET	29 Garden St. #411	"	"	"	
9	<i>Eric A. Postel</i>	Eric A. Postel	Kirkland G42	"	"	"	
10	<i>Liz Lacovara</i>	Liz Lacovara	Kirkland D12	"	"	"	
11	<i>Delia Ward</i>	Delia Ward	Kirkland 1-31	"	"	"	
12	<i>William Cole</i>	William Cole	Kirkland K-21	"	"	"	
13	<i>Sandra Couderc</i>	Sandra Couderc	Camodacy C-44	"	"	"	
14	<i>Marissa Briggett</i>	Marissa Briggett	Kirkland M-12	"	"	"	
15	<i>John Tomlinson</i>	John Tomlinson	Adams A-27	"	"	"	
16	<i>Michael Gallagher</i>	Michael Gallagher	Matthews 39	"	"	"	
17	<i>Walter Parker</i>	Walter Parker	K-50 Kirkland House	"	"	"	
18	<i>Tom Mills</i>	TOM MILLS	FLIOT G-31	"	"	"	
19	<i>Elizabeth McCagg</i>	Elizabeth McCagg	Kirkland D-12	"	"	"	
20	<i>Mary R McCagg</i>	Mary McCagg	Kirkland D-11	"	"	"	

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Beate Ort	Beate Ort	Eliot G33	Cambridge	MA		8-2400
2	Peter Carr	Peter Carr	Holworthy 23				8-3585
3	Michael W Flynn	Michael Flynn	Holworthy 23				8-3585
4	Robert Cocco	Robert Cocco	Shaws B32				3785
5	Julianne Hunt	Julianne Hunt	Matthews 15				3642
6	Stephanie Chan	Stephanie Chan	Stoughton 12				8-3748
7	Jim Masland	Jim Masland	Mower B-21				
8	Margot Kushel	Margot Kushel	Dunster A13				8-2149
9	Willie Spear	Willie Spear	Kirkland M-41				8-2621
10	Ken Richman	Ken Richman	Matthews 38				8-3665
11	Silas Myers	Silas Myers	CANADAY E-11				8-8359
12	Julie Agar	Julie Agar	Kirkland A-21				8-2478
13	Karen Serieka	Karen Serieka	"				"
14	Michael Guth	Michael Guth	Kirkland A-23				8-2481
15	Jason Wenglin	Jason Wenglin					
16	Candi Ersek	Candi Ersek	Kirkland I-32				8-2579
17	Erin Surve	ERIN SURVE	Kirkland C-33				8-2517
18	Erik Berg	Erik Berg	Kirkland K-52				8-2604
19	Jamie Hanson	JAMIE HANSON	" B-42				8-2503
20	Shawn Becker	Shawn Becker	Kirkland B-52				8-2507

PETITION TO HELP LABORATORY ANIMALS

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Michael Potter	Michael Potter	27 Newton St.	Weston	MA	02193	891-0387
2	Lani Nelson	LANI NELSON	Kirkland G-23	Cambridge	MA	02138	498-2546
3	Susan J. Dawkins	Susan Dawkins	Kirkland N42	"	"	"	498-2630
4	L. R. Zonis	Louise Zonis	"	"	"	"	"
5	J. D. Keenan	John D Keenan	Kirkland F-21	"	"	"	8-2557
6	Joseph C. Dehlers	Joseph C. Dehlers	Kirkland F-21	"	"	"	8-2537
7	Michael P. O'Connell	Michael P. O'Connell	"	"	"	"	"
8	Elizabeth Logsdon	Elizabeth Logsdon	Kirkland K-12	"	"	"	8-2596
9	Frank Cuprio	Frank Cuprio	Kirkland B-31	"	"	"	8-2498
10	Jill Neptune	Jill NEPTUNE	Kirkland C-41	"	"	"	8-2519
11	Elder J. Rogers	Elder J. Rogers	Kirkland S-11	"	"	"	8-2587
12	Sarah Myers	Sarah Myers	Kirkland C-14	"	"	"	8-2511
13	Donna Friedman	DONNA FRIEDMAN	Kirkland D32	"	"	"	8-2526
14	Annette Febani	Annette Febani	Kirkland B-41	"	"	"	8-2502
15	David Lang	David Lang	" K-41	"	"	"	8-2601
16	Tara Gustilo	Tara Gustilo	Kirkland F-11	"	"	"	8-2535
17	Michael Eisen	Michael Eisen	Kirkland Hse K52	"	"	"	8-2604
18	Chris Sullivan	Chris Sullivan	Kirkland W-31	"	"	"	8-2627
19	Malaya P. Forman	MALAYA FORMAN	KIRKLAND D11	Cambridge	MA	02138	8-2521
20	G. S. Gosman	Gabriella Gosman	Kirkland 212	"	"	"	8-2528

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Carolyn Greis</i>	CAROLYN GREIS	Kirkland G-24, Harvard	CAMBRIDGE	MA	02138	498-2548
2	<i>Alejandra Ramos</i>	ALEJANDRA RAMOS	Kirkland K-12, Harvard	CAMBRIDGE	MA		498-2596
3	<i>Alex D'Connell</i>	Alex D. O'Connell	Kirkland P-41, Harvard	CAMBRIDGE	MA	02138	998-259
4	<i>Christine E. Cozadd</i>	CHRISTINE E. COZADD	Kirkland M-32 "	"			998-7670
5	<i>Michael J. Labron</i>	M. J. Labron	Kirkland K-42	"			498-2602
6	<i>Jim Tapitzes</i>	Jim Tapitzes	Kirkland L-34	"	"	"	498-2582
7	<i>Bill Koehler</i>	Bill Koehler	Kirkland E-32	"	"	"	498-2532
8	<i>Amber Sax</i>	AMBER SAX	" I-31	"	"	"	498-2579
9	<i>Paul Bohlmann</i>	Paul Bohlmann	Kirkland N41	"	"	"	498-2629
10	<i>Eric Ayrault</i>	Eric Ayrault	2 Everett C-30	"	"	"	8-2992
11	<i>George Zlyka</i>	George Zlyka	F-12 K-House	"	"	"	8-2536
12	<i>Brian Guthrie</i>	Brian Guthrie	F-12 K-House	"	"	"	"
13	<i>Edmond Presz</i>	Edmond Presz	M-31 Kirkland	"	"	"	498-2610
14	<i>Linda S. Suhs</i>	Linda Suhs	G-22 K-house	"	"	"	498-2546
15	<i>Martha Berkman</i>	Martha Berkman	K-31 K-house	"	"	"	8-2599
16	<i>Kyle Anderson</i>	Kyle Anderson	K-House I-28	"	"	"	8-2576
17	<i>Timothy M. Sweeney</i>	Timothy M. Sweeney	K-House F-21	"	"	"	8-2537
18	<i>Cristal Metta</i>	CRISTAL METTA	K-12	"	"	"	8-2546
19	<i>Michael Bielen</i>	Michael Bielen	Kirkland H-23	"	"	"	8-2561
20	<i>Lisa Patton</i>	LISA PATTON	KIRKLAND H-24	"	"	"	8-2562

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	<i>Jeff Riggsby</i>	Jeff Riggsby	Canada F-34				8-8417
2	<i>Jarrett Barrios</i>	Jarrett Barrios	Stravs D-31				8-3799
3	<i>Michael Elperin</i>	MICHAEL ELPERIN	Canada G-24				8-8231
4	<i>Elizabeth Ward</i>	Elizabeth Ward	Huribut 306				8-7299
5	<i>Bogdan Bogdan</i>	Bogdan Bogdan	Canada G-21				8-8436
6	<i>Meryl Cohen</i>	Meryl Cohen	Weld N-45				8-3899
7	<i>Bruce Miller</i>	Bruce Miller	Lionel A-12				8-3602
8	<i>Ana Miranda</i>	ANA MIRANDA	CANADA A-13				8-8206
9	<i>T. Wong</i>	T. WONG	ELIOT M-1				8-2439
10	<i>Jon Shecter</i>	JON SHECTER	STRAVS D-32				8-3800
11	<i>Adam Strassberg</i>	Adam Strassberg	Greenough S-23				8-3497
12	<i>Peggy Nottelbom</i>	Peggy Nottelbom	Canada F-44				8427
13	<i>Chris Fox</i>	CHRIS FOX	Canada P-34				88335
14	<i>Don Ridings</i>	Don Ridings	Lionel A-12				8-3602
15	<i>Mark Copithorne</i>	MARK COPITHORNE	MATTHEWS 52				8-3679
16	<i>Erik Berg</i>	Erik Berg	Kirkland K-52				8-2604
17	<i>Sam Rosenstein</i>	SAM ROSENSTEIN	MATHIAS 417				8-7361
18	<i>Christine A. Arato</i>	Christine A. ARATO	8 Prescott St #13	Cambridge			8-7278
19	<i>Anthony D. Chiaca</i>	Anthony D. Chiaca	612 Worthy 18				8-3580
20	<i>Seth Weisberg</i>	Seth Weisberg	Greenough 25				8-3499

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Lena Sharon Nicolai	Lena Sharon Nicolai	336 Green Lane	Trenton	NJ	08638	609-882-9212
2	Joseph M. V. Scario	Joe M. V. Scario	3096 Timberview Dr.	Cincinnati	OH	45211	513 641-4167
3	Mark H. Rubenstein	MARK H. RUBENSTEIN	34 Bonad Rd.	W. Newton	MA	02465	47-909-5041
4	Ellen L. Chubin	Ellen L. Chubin	859 Weber Dr.	Yardley	PA	19067	215-493-6800
5	Mary E. Frongillo	MARY E. FRONGILLO	14 CHERRY AVE.	Stoneham	MA	02180	617-438-3822
6	Ven M. Halley	Ven M. Halley	2008 Wildwood Ln.	Topeka	KS	66611	913-235-5205
7	Dylan Black	Dylan Black	328 Central Core	Memphis	TN	38111	901-324-5750
8	Robert Green	Robert Green	1925 Parkwood Terrace	Halifax	NS	B5A4G4	902-423-2008
9	Tiger Lily Lee	Tiger Lily Lee	2388 W. 23rd Circle	Golden	CO	80401	303 238-9812
10	Nancy Rae Kienzler	Nancy Rae Kienzler	130 Willowbrook	Field	MA	01129	4137820400
11	Lisa Lavoie	Lisa Lavoie	172 Nartuff Rd.	Hollis	NH	03049	(603) 882-0072
12	Dinah A. Leventhal	Dinah Leventhal	56 Linnaean St.	Camb.	MA	02138	498-6341
13	Erika Steiger	Erika Steiger	16169 Sunset Blvd; #202	L.A.	CA	90272	(213) 459-9468
14	Carlton Smith	CARLTON SMITH	196 STEWART ST.	FALL RIVER	MA	02720	(617) 679-3837
15	Peter Brown	PETER BROWN	25300 FRANKLIN PK DR.	PETROLT	MI	48219	(313) 851-9456
16	Gavin Villareal	Gavin Villareal	126 Manning Dr.	San Antonio	TX	78225	(512) 432-7136
17	Andrew Solnick	Andrew Solnick	5722 Redgedale Rd	Baltimore	MD	21209	301-542-7716
18	Jennifer Kennedy	JENNIFER KENNEDY	406 Hurlbut	Camb	MA	02138	617-354-0207
19	Anabelle Adler	ANABELLE ADLER	408 Hurlbut	Camb	MA	02138	617-498-3511
20	Anne Bridges	ANNE BRIDGES	Hurlbut 304	Cambridge	MA	02138	617 498-3587

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No	Signature	Printed Name	Address	City	St	Zip	Phone
1	Dorothy L Stark	Dorothy L Stark	Adams D-43				498-7186
2	Dawn A. Clepton	DAWN A. CLEPTON	Grays W 36				8-3475
3	David Kap	David Kap	Matthews 39				8-3666
4	Andrew R. Rich	Andrew R. Richman	Wingalesworth E-11				8-3954
5	Mark Joseph	Mark Joseph	Wigg C-32				8-3925
6	Lauren Orloff	Lauren Orloff	Wigg B-22				8-3917
7	Jennifer G. Loeser	Jennifer G. Loeser	Lowell K-34				8-3093
8	Thomas J. Desch	Thomas J. Desch	Hollis 27				8-5556
9	Andrew E. Robin	Andrew E. Robin	Thayer 17				8-3821
10	Wanda Choy	Wanda Choy	Lowell G-13				8-2951
11	Jeffrey Stern	Jeffrey Stern	Wigg G-21				8-3944
12	Mack Marmer	MACK MARMER	Canaday F-15				8-8401
13	Scott Ian Maver	SCOTT IAN MAVER	Holworthy 10				8-3572
14	Lisa Sibert	Lisa Sibert	Mower A-22				8-3693
15	Jon Beizer	Jon Beizer	Eliot O-31				8-2471
16	Jeanne Bench	Jeanne Bench	Canaday F-44				8-8427
17	Marc Tritel	Marc Tritel	Canaday D-13				8-8317
18	Christy Walther	Christy Walther	Lowell K-32				8-3006
19	Claudia Parsky	Claudia Parsky	Lowell K 32				8-3019
20	Chadwick Allen	Chadwick Allen	Eliot A 32				8-7988

SIGN UP LIST

PROponents

OPponents

DR. GUL AGHA ✓

Dr. Andrea Cousins ✓

Dr. Don Gervich ✓

Sara Romer-MSPCA ✓

Peter Mead ✓

Elissa Ely ✓

~~Harvey Sapolsky~~ ✓

Troy Soos ✓

~~Jane Lidzky~~

Annette French ✓

Mack Sommer ✓

Camela M. Banks ✓

HUGH GREGGREGAN ✓

Billy BURKE ✓

~~Jean Winter~~

Robert Asaly ✓

~~Mary Anne Galt~~ Mary Anne Galt ✓

Prof. Harvey Sapolsky / Jane Lidzky ✓

Baru Q ✓

Mimi Ryerson ✓

Theo Capaldo & ✓

Deborah Schuebeler ✓

Donna Bishop ✓

Evelyn Kimber ✓

PROPOSERS

Nancy Perry-CCRR

Bonnie T. Solomon

James A. Decker

Ken Russell

OPPONENTS

The Silver Spring Monkeys

ALEX PACHECO with ANNA FRANCIONE

I discovered animal rights in 1978, when I first entered a slaughterhouse and witnessed the violent deaths of terrified dairy cows, pigs and chickens. What I saw changed my life. Shaken by the slaughtering, I sought and joined the animal protection community. As a newcomer to the movement, anxious to learn what others could teach me, I could not have been more fortunate than to find two brilliant activists, Nellie Shriver, founder of American Vegetarians, and Constantine Salamone, an artist, feminist and animal rights activist. They became my teachers. Over the next few years my animal-related experiences increased as I joined the Hunt Saboteurs' outings in Britain, sailed on the *Sea Shepherd* in the Atlantic, studied endangered humpback whales in Alaska aboard the RV *Jingur* and learned all I could about mankind's exploitation of other species.

Upon moving to Washington, DC in 1980, I joined forces with Ingrid Newkirk who had accomplished major victories for animals in her eleven years as an animal law-enforcement officer. By the spring of that year we had formed People for the Ethical Treatment of Animals (PETA), both believing that this young movement needed a grassroots group in the USA that could spur people to use their time and talents to help animals gain liberation. Our emphasis was to be on animals used in experimentation and food production, while at the same time being out on the streets, bringing as many animal issues to the public's attention as we could.

In the summer of 1981, after my third year as a political science and environmental studies major at George Washington University,

I discussed with Ingrid the need to gain some first-hand experience in a laboratory. It now shocks me to think how easily we fell upon the atrocities at the Institute for Behavioral Research (IBR), because it suggests that such conditions are common to many other facilities. I simply found IBR listed in the US Department of Agriculture directory of registered animal research facilities and chose it because it was a stone's throw from where I lived.

I was greeted at IBR by a research assistant. I told him that I was seeking employment, and he referred me to Dr Taub. Taub took me into his office and explained that research was being conducted on surgically crippled primates to monitor the rehabilitation of impaired limbs. There were no paid positions available, he said, but he offered to check to see if they could use a volunteer. I called the next day, as he suggested, and was offered the opportunity to help Georgette Yakalis, his student protégé. On 11 May 1981 I began work and was given a tour by Taub himself.

The Institute was divided into two areas. The rooms near the front were used for work with humans. They appeared unremarkable. The animals were kept in the back. As we went through the doors to that section, I had my first indication that something was wrong. The smell was incredible, intensifying as we entered the colony room where the monkeys were kept. I was astonished as I began to comprehend the conditions before me. I saw filth caked on the wires of the cages, faeces piled in the bottom of the cages, urine and rust encrusting every surface. There, amid this rotting stench, sat sixteen crab-eating macaques and one rhesus monkey, their lives limited to metal boxes just 17¾ inches wide. In their desperation to assuage their hunger, they were picking forlornly at scraps and fragments of broken biscuits that had fallen through the wire into the sodden accumulations in the waste collection trays below. The cages had clearly not been cleaned properly for months. There were no dishes to keep the food away from the faeces, nothing for the animals to sit on but the jagged wires of the old cages, nothing for them to see but the filthy, faeces-splattered walls of that windowless room, only 15ft square.

In the following days the true nature of the monkeys' sad existence became apparent. Twelve of the seventeen monkeys had disabled limbs as a result of surgical interference (deafferentation) when they were juveniles. Sarah, then eight years old, had been alone in her cage since she was one day old, when she was purchased from Litton Laboratories and then forgotten. According to a later count, thirty-

nine of the fingers on the monkeys' deafferented hands were severely deformed or missing, having been either torn or bitten off.

Many of the monkeys were neurotic, particularly Chester, Sarah and Domition. Like a maniac, Sarah would attack her foot and spin around incessantly, calling out like an infant. Domition attacked his arm mercilessly and masturbated constantly. Chester saw himself as the troupe leader, powerless to defend his fellows, enraged at the world. It was astounding that Taub and the other researchers expected to gain any reproducible, let alone reliable, data from these animals, considering the condition of the animals themselves and of the colony and surgery rooms. The surgery room had to be seen to be believed. Records, human and monkey, were strewn everywhere, even under the operating table. Soiled, discarded clothes, old shoes and other personal items were scattered about the room. Because of a massive and long-standing rodent problem, rat droppings and urine covered everything, and live and dead cockroaches were in the drawers, on the floor and around the filthy scrub sink.

No one bothered to bandage the monkeys' injuries properly (on the few occasions when bandages were used at all), and antibiotics were administered only once; no lacerations or self-amputation injuries were ever cleaned. Whenever a bandage was applied, it was never changed, no matter how filthy or soiled it became. They were left on until they deteriorated to the point where they fell off the injured limb. Old, rotted fragments of bandage were stuck to the cage floors where they collected urine and faeces. The monkeys also suffered from a variety of wounds that were self-inflicted or inflicted by monkeys grabbing at them from adjoining cages. I saw discoloured, exposed muscle tissue on their arms. Two monkeys had bones protruding through their flesh. Several had bitten off their own fingers and had festering stubs, which they extended towards me as I discreetly took fruit from my pockets. With these pitiful limbs they searched through the foul mess of their waste pans for something to eat. I began to understand the size of the problem and the opportunity that had been presented to me. When I came home in the evenings Ingrid and I agonized about the problem and together considered how best to use the information. We knew that I must document everything carefully and that months would have to elapse to show the consistent pattern of behaviour and neglect that I was witnessing. If I blew the whistle now or after a few weeks, it would be too easy for Taub to discredit me.

Soon I had a chance I had not expected. Even though I had made

it plain to Taub that I had no laboratory experience, within a week of starting work I was put in charge of a pilot study. With the opportunity to work alone, I could better document the operation of the facility and the life the monkeys lived there. Taub called the study a 'displacement experiment'. I was given two monkeys and told to put them in separate cages in a room. The monkeys, Augustus and Hayden, were deprived of food for two to three days, and I was to go alone into their room, set up video equipment to record events and feed them about fifty raisins each. After some weeks I was to withhold their food for three days and then, instead of giving them the raisins, I was just to show them the raisins but not allow them to eat, and then record their frustrated reactions.

Perhaps I was too recently initiated into this scientific environment, but I asked Taub and Yakalis three times what the purpose of the experiment was and what I should keep my eyes open for. On each occasion they responded that they hoped to find something 'interesting', in which case they 'could get [grant] funding'. It made me wonder if this typified scientific method. Working at IBR was becoming more and more of a strain. I was beginning to appreciate the monkeys as individuals and had especially close relationships with Billy, Sarah, and Domitian. Night after night, I agonized over what to do.

The stench of the laboratory permeated everything. When I got home I would have to strip, stand under the shower and scrub to get the smell out of my skin and hair. I could see the evidence of IBR's filth and decomposition under my nails and in the lines of my skin. If only I could have scrubbed the image of the monkeys out of my mind. It became increasingly difficult to go back to IBR every day, yet I knew that I would have to continue if I was to succeed in helping these monkeys and other animals in similar situations.

Meanwhile I had begun to keep a log of my observations. After about a month I was put in charge of yet another experiment: the 'acute noxious stimuli test'. I was to take a monkey from the colony and strap him into a homemade immobilizing chair, where he would be held at the waist, ankles, wrists and neck. The acute noxious stimuli were to be applied with a pair of haemostats (surgical pliers) clamped and fastened on to the animal, and locked to the tightest notch. I was to observe which parts of the monkey's body felt pain. (The noxious stimuli used to be administered by using an 'open flame' - a cigarette lighter.) Taub's protocol (*Mechanisms Mediating Biofeedback Learning*, 1980, App. E, p. 77) stated that the stimuli were

to be applied to the monkeys every four months. The work was conducted in such a haphazard way that this schedule was never adhered to. As I was working alone, I was able to fabricate data to avoid hurting them.

Before beginning the test on my own I was instructed in how to apply the haemostats. Domitian was unfortunate enough to be chosen as the 'example' animal and was placed in the chair and the haemostat clamps were latched as tightly as possible on to his testicles. Terrified, he thrashed violently and screamed. This was repeated three times over a forty-five minute period so that I could witness a 'positive' reaction: an enraged creature, desperately thrashing against the restraints to escape the pain. That same day the surgical pliers were twice thrust into Domitian's mouth and raked against his teeth and gums. Such was my introduction to the acute noxious stimuli test.

By the time I was put in charge of administering the test on my own, I had requested (and received) a set of keys on the pretext of doing more work on the weekends and in the evenings. I was now freer to explore the entire laboratory and take photographs of the monkeys, the cages, the rodent droppings, the dried blood on the floors, the restraining chairs and so on.

Inside an ice-choked freezer I found two plastic bags labelled 'Herbie' and 'Caligula'. I asked Yakalis what had happened to these monkeys. She said that she did not know Herbie had died but that Caligula had developed gangrene from a filthy, unchanged bandage. She told me that Caligula had been in such bad shape that he had begun to mutilate his own chest cavity, and she then confided that putting him in a restraining device, and administering the noxious stimuli test, with his chest ripped open, and having to experience the stench of his rotting body, was the most disgusting thing she had ever done. After the acute pain test, she said, he was destroyed.

As time went on I discovered that I was not the only one who came in late at night. Several times, while taking pictures around midnight, my heart would jump as one of the two caretakers came in to pick up a paycheck or to 'clean' the colony room. The caretakers took turns coming into the laboratory at any time of the night, and as no schedules were assigned to them, they often did not come in at all. I also found that they were paid not by the number of hours they worked, nor by the number of cages they were supposed to clean, but simply by the number of rooms in their charge. They were paid \$10 a day. The colony room, with seventeen monkeys, was only damp-

mopped, because there was no drain in the floor to take any water away. Every few days the faecal trays, sometimes filled to the top, were emptied but never cleaned. To feed the monkeys, the caretakers would simply open the cage doors and throw in half a scoop of monkey chow – when and if they fed them at all. The markers I put in the chow cans indicated there were many days, often several at a time, when the monkeys went without food. When they were fed, the food would fall through the wire mesh into the faecal trays below, as no bowls or food receptacles were ever used. The employees usually worked carelessly and as fast as they could, getting out as soon as possible.

I soon began to take more photographs, hiding my camera and risking discovery by photographing the monkeys in the restraining chair during the day. At that point I was still under the impression that all animal experimentation was exempt from anti-cruelty code enforcement, so I still hadn't determined what action I would be able to initiate. There were many times when I felt very alone, unsure of whom I could approach with the evidence or of what recourse would be available to prevent Taub from continuing his practices.

Then, after about two months, I found out that a revision of the Maryland statute had excluded language designed to exempt animal experimenters. Elated, I began to prepare my criminal case against Taub. One of the first things I had to do was to stop giving the monkeys the fresh fruit I was smuggling in for them. The food sacks which were clearly marked with an expiry date (after which the food is nutritionally deficient) had all expired four months before I started work at IBR. I realized that Taub would use any improvement in their health brought about by my independent feeding of them to defend his treatment of the animals. I also discovered that virtually all the medication in the laboratory had expired, some in 1979, others as far back as 1969. The broken and the intact containers were kept in a filthy refrigerator, strewn about next to a bag of putrified apples that were actually covered with cobwebs. Near this refrigerator was the shell of another. This one had been converted into a chamber containing a plexiglass immobilizing chair. A monkey would be placed in the chamber, and electrodes attached to his body. The monkey would be forced to try to squeeze a bottle of fluid with his surgically crippled arm in order to stop the painful electric shock that coursed through his body. The ceiling and walls of the chamber were covered with blood. I remembered Taub's

assistant, John Kunz, telling me that some monkeys would break their arms in desperate attempts to escape the chair and the intense electric shocks.

On several occasions things were so bad that I risked appearing suspiciously concerned about the primates and suggested that a veterinarian be called in to treat the most serious injuries. At one point Billy's arm was broken in two places and I repeatedly asked that a veterinarian be called. Then, it was finally openly admitted to me that they did not use a veterinarian. Billy's extremely swollen, broken arm was left untreated.

Conditions were so bad that it was clear that it would be crucial to bring in some expert witnesses who could vouch for the conditions I was witnessing. I cautiously approached five people with expertise in various related fields. They were Dr Geza Teleki, an ethologist and global expert in primatology; Dr Michael Fox, a writer, veterinarian and ethologist; Dr Ronnie Hawkins, a physician who had worked with laboratory primates; Dr John McArdle, a primate anatomist and former primate researcher; and Donald Barnes, a lay psychologist who had radiated monkeys for seventeen years in the military before rejecting such practices. These people accompanied me through the laboratory at night, signing affidavits afterwards. I was grateful for their support because their professional assessments of the state of the animals and the laboratory would lend credence to my testimony in any future legal proceedings.

On 8 September I took my affidavit and those of the five expert witnesses, as well as my notes and photographs, to the Silver Spring, Maryland, police. After their preliminary investigations Detective Sergeant Rick Swain obtained the precedent-setting search and seizure warrant from Circuit Court Judge John McAuliffe. The first raid of a research facility in the United States took place at IBR on 11 September. Swain and a search team of six confiscated the monkeys and the files.

We had considered carefully the problem of where we could house seventeen traumatized, fragile monkeys. The National Zoo, the facility most capable of assisting, refused to help. Local animal shelters, although sympathetic, were not equipped. We were finally forced to adapt the basement of a local activist's home. After the installation of drains in the floor, new windows, a ventilation system, insulation, etc., their refuge was ready.

A devoted PETA volunteer built new cages that were more than twice the size of those at IBR. For the first time since their capture in

the jungle, our refugees had something to sit on comfortably and enough room to extend their cramped and pitiful limbs. They even had food containers and objects to handle and explore. Our delight at seeing them relish even these minor improvements was shadowed by our anxiety about what might follow. We were on an uncharted course, and the future of the animals was to be tested as their case passed through the courts.

The events of the next few days did not augur well. Taub's attorneys swung into action, demanding the return of their client's property. We were shocked to hear them introduce two recent US Department of Agriculture reports of inspections of IBR, marked 'Minor deficiencies' and 'No deficiencies noted'. Judge David Cahoon listened to the assurances of improvements given by a veterinarian who had worked earlier for Taub, yet refused to hear from our experts, who were prepared to swear that a return to IBR would jeopardize the monkeys' safety and well-being. Taub's motion to have the monkeys returned was granted. The abused were to be returned to their abuser the next day.

That night the monkeys disappeared. Bench warrants were issued for the arrest of Ingrid, Jean Goldenberg, director of the Washington Humane Society/SPCA, and Lori Lehner, whose home had been the monkeys' temporary resting place. Lori spent a night in jail before it was decided that there was insufficient evidence against any of the women.

Taub then held a press conference, demanding the return of the monkeys, which he now valued at between \$60 and \$90,000 each (a total value, according to Taub's arithmetic, of between \$1,020,000 and \$1,530,000 for an experiment costing a total of \$221,000). Taub then offered only a \$200 reward for their return.

The problem now was that without the monkeys there could be no criminal prosecution of Taub. Yet to return the monkeys would most likely mean their further suffering and death at Taub's hands. Negotiations began between the police and the monkeys' new guardians, through an intermediary. Secret conditions were agreed upon – mainly that if the monkeys were returned, they would not be returned to IBR. But the guardians' trust was betrayed, not by the police but by the court. No sooner were the monkeys back in Maryland than Judge Cahoon cancelled a full hearing without ever allowing any of the State's witnesses to testify. He immediately ordered the monkeys back to IBR. A crowd gathered at Lori's home, and people stood in the street and cried as the monkeys were loaded

into Taub's rented truck. Wellwishers and those who had come to love the monkeys then stood vigil outside IBR, hoping for new developments to save the monkeys.

Taub was now charged with seventeen counts of cruelty to animals: one count for each monkey. Meanwhile the National Institutes of Health (NIH) announced its suspension of Taub's grant after conducting its own investigation and set a date for Taub to account for his expenditures and research results. At later hearings of the US House Subcommittee on Science, Research, and Technology, at which I testified on the conditions at IBR, the NIH admitted that in the IBR case, their system had failed.

Five days after the monkeys were sent to IBR, one of them was injured and another, Charlie, died of what Taub described as a 'heart attack'. These two wild male macaques had been placed together in a cage just 17¾ inches wide, while a commercial steam cleaner was operated in the room – resulting in a fight, as even a novice could have predicted. The police demanded Charlie's body, which was sent to Cornell University for a necropsy. The examiner reported back that the cause of death could not be determined because some important parts were missing, namely Charlie's heart, lungs, kidneys, a testicle and several glands. Judge Cahoon, finally realizing his mistake, reversed his earlier order and shipped the monkeys out of IBR and into safekeeping at NIH's Poolesville, Maryland, primate quarantine centre. There they joined almost 1,000 other unfortunate primates. The NIH was ordered not to take any 'extraordinary measures' unless authorized by the court. None the less, Hard Times had to be destroyed after being in great pain and paralysed from the waist down for two days. Taub's surgery had caught up with Hard Times. Taub fought to deny this monkey even his final release, arguing that he wanted to keep Hard Times alive to complete his experiments. Next Nero's arm had to be amputated when a chronic bone infection that had originated months earlier in Taub's laboratory threatened his life. Again Taub fought the action. Today Nero is in much better shape, without his mutilated arm.

As for the criminal trials, the first one lasted a week, during which time Taub was defended by two of Washington's most prestigious law firms, Arnold and Porter, and Miller, Miller, and Steinberg.

The animal experimentation community didn't know what to do; it could take the risky step of ostracizing one of its own, or clutch Taub to its bosom and blame the whole incident on 'lay ignorance'. For the most part it chose the latter course. We had cogent testimony

from experts, but clearly we presented a threat to others in the animal experimentation industry. Taub's defence fund grew. He sat flanked by six attorneys, his public relations representatives behind him, while Roger Galvin, the Assistant State's Attorney, stood alone, presenting the case for the State of Maryland.

Taub was vociferous in his own defence, even appearing to frustrate his counsel by his loquaciousness. The *Washington Post* viewed his stance as that of 'a professor lecturing a class full of students'. He had nothing but contempt for our concerns and went so far as to charge that photographs introduced by the prosecution were 'staged' and to insinuate that someone had bribed the caretakers into doing a sloppy job.

It soon became clear that psychological suffering, a lack of cage space and critical sanitation problems would not be considered violations of the law by the courts. We knew we were in for an uphill fight.

On 23 November 1981 Taub was found guilty of six counts of cruelty for failing to provide proper veterinary care to six of the monkeys. It is hard to describe our feelings when the verdict was announced, but at last now, whatever might happen to the monkeys as we continued to fight for their safety, the public would know that something was definitely wrong with the way in which some segments of the scientific community operated. The criminal conviction had chipped a hole in the wall that protects animal experimenters from public scrutiny.

As we had expected, Taub appealed his conviction. The second trial was even more difficult. This time the new judge required that the prosecution present only evidence relating to the six monkeys who had figured in the conviction - no matter what the other monkeys had been through, the jury would not be allowed to know. The twelve jurors were instructed that they must find Taub not guilty if they could not unanimously determine that the monkeys had suffered physical pain extending beyond their deafferent limbs. Again, we were pleased to have the support of our original experts, joined now by Colonel Simmonds, DVM, of the Uniformed Services University of the Health Sciences, Dr Robinson and Dr Ott of the San Diego and Brookfield zoos, and Dr Roberts of the US Army. Their testimony countered statements from Taub's associates - defence statements that could only be considered outrageous.

Two researchers, friends of Taub from the University of Pennsylvania, testified that monkeys were nothing more than 'defecat-

ing machines', that it was acceptable not to administer veterinary care for a broken arm and that an infestation of cockroaches provided a 'good source of ambient protein' for laboratory primates. To testimony by one of Taub's expert witnesses that there were 'no data' to suggest that heavy accumulations of excrement were a health hazard, Mr Galvin rebutted that if this were true, the American public had been fooled into thinking they needed sewage systems.

Unfortunately, there were many things that the jury was never allowed to consider in making its decision, things it was never allowed to hear, know about or see. For example, the jury was not permitted to hear about the discovery of two 55-gallon barrels filled with the corpses of monkeys and weighted down with used auto parts and wood. The jury could not ask, 'What became of them? How did they die?' The jury was never allowed to hear that Taub was denied a grant application because between 80 and 90 per cent of his animal subjects died before the end of his experiments. It could not see the 1979 US Department of Agriculture inspection report that read: 'Floors were dirty with blood stains all over them.' It was never allowed to know that Taub operated illegally, in violation of federal law, for seven years, while receiving hundreds of thousands of federal tax dollars. The jury did not know that Caligula suffered from gangrene and mutilated his own chest cavity, that blood splattered the wall and ceiling of the converted refrigerator chamber, that the NIH had investigated Taub and found him in violation of its own guidelines, that Charlie had died of an unexplained 'heart attack'. It was never allowed to see or hear of the surgically severed monkey hand or the skull that Taub used as paperweights in his office. And, perhaps most unfortunately, the jury was never allowed to see the living evidence, the monkeys themselves.

With all the new restrictions and limitations, four of the jury members felt there was insufficient evidence left to convict Taub without doubt, while eight of the jurors wanted a guilty verdict on all six counts. The verdict, of course, had to be unanimous. After two and a half days of deliberation the jurors reached agreement. The jurors unanimously found Taub guilty on one count. Later conversations with members of the jury showed how hopelessly restricted they had felt. A local newspaper report described the jurors' 'unprecedented' interest in following through on the case and their concern for the fate of the monkeys.

Taub was not to be stopped. He appealed this conviction to the

Maryland Court of Appeals in Baltimore and this time succeeded. The court, after months of waiting, ruled that animal experimenters who receive federal tax funding do not have to obey the State anti-cruelty laws. No matter how heinous the deeds committed by an animal experimenter in Maryland, the court held that the experimenter could not be prosecuted. Sadly, the court did not consider whether or not Taub had treated the monkeys cruelly. The court made it clear that it was not interested in resolving this question. Rather, as stated in its decision, 'The issue in this case is whether the animal cruelty statute . . . is applicable to research pursuant to a federal program . . . we do not believe the legislature intended [the cruelty statute] to apply to this type of research activity under a federal program. We shall, therefore, reverse Dr Taub's conviction . . .' (*Taub v. State*, 296 Md 439 (1983)). The court's opinion enraged not only the Maryland State's Attorneys Office but also the many scientists and supporters who saw Taub slip through a crack in the criminal justice system.

At the time of writing, the fate of the monkeys is undetermined. Taub, encouraged by the reversal of his conviction, appealed against the NIH's decision to terminate his grant. The appeal was rejected, but Taub has now applied for a new grant. If this application is successful, he has pledged to continue his experiment, which involves surgically crippling the monkeys' remaining normal arms and, ten days later, 'sacrificing' them. This would probably take place at the University of Pennsylvania, where some of his closest colleagues are employed. We have vowed never to let this happen.

The Taub case has been an intense, consuming battle, accompanied by many small battles. It devoured our time and resources, taught us some new values and confirmed some old ones. It renewed our resolve to research our targets carefully and thoroughly before 'going public'. It made us understand how valuable persistence is.

After working for animal protection at the grassroots level, with demonstrations, letter-writing campaigns and boycotts, and lobbying at the state and federal levels, conducting investigations, bringing criminal and civil cases to court, testifying before state and federal legislative hearings, participating in conferences and federal regulatory enforcement agency hearings and meetings, several things have become clear. First, the animal protection movement has not been aggressive enough or persistent enough. It has often taken a simplistic approach in attempting to solve problems. Second,

organizations and individuals have allowed tactical and other differences to prevent them from co-operating with each other on mutually agreeable projects. There is a dire need to agree to disagree and get on with the work. Third, we will not make meaningful changes for animals on a large scale until we have effectively harnessed the widespread support that exists in this country. Without doubt, the potential is there. I believe our job must be to alert people to the severity of animal exploitation and abuse and to the needlessness of it all. This educational process can be accelerated by getting public leaders and popular figures to speak out for animal protection and by working with the mass media. Animal rights must fill the air.

I believe that it is best to take a strong ethical stand and to be strategically assertive, never forgetting - not even for a minute - our ultimate goal. Realizing that total abolition of some aspects of animal exploitation may never come, we should not simply demand 'total abolition or nothing at all', as that often ensures that those suffering today will continue to suffer. Nor should we hold a conservative line, which will also make tomorrow's suffering assured and accepted. Difficult as it may be, I believe that tactfully and strategically we must combine parts of both approaches: we must fight for today's reforms while aiming for and advocating abolition.

Testimony in Support of Ordinance to Provide for Care and Use of Animals in Cambridge

Dr. Gul Agha
Research Scientist
Massachusetts Institute of Technology
President
Cambridge Committee for Responsible Research

September 18, 1986

Mayor Walter Sullivan, Vice-Mayor Alfred Vellucci, Councillors, and my fellow Cambridge residents,

It is an honor to be here with you on this historic occasion. I am a scientist by profession and a humanitarian by conviction. I am proud to reside in a City which has been blessed with an enlightened leadership. The people of Cambridge have acted on many occasions, through their City Council, to redress the grievances of the oppressed and the powerless. Today the people of this City ask that the suffering of tens of thousands of voiceless animals living in our midst be given due consideration.

We are not asking for categorical judgments. We are not speaking in terms of moral absolutes. We recognize that some significant medical research involves the use of live animals. We realize that there are some very compassionate and caring experimenters. But we suspect that not all researchers are equally concerned about the well-being of animals. And we know that numerous instances of shocking abuse in laboratories have surfaced across this country. Unfortunately, these examples have been exposed because otherwise law-abiding citizens have resorted to extreme tactics. And even after the public has been outraged, the scientific establishment, and the regulatory agencies have defended such practices.

Today, there are few credible mechanisms in place which would detect animal abuse in Cambridge laboratories. The federal government has repeatedly cut funds for enforcement of the only law that provides some meager protection. The enforcing agency believes cruelty to animals is a local problem. In fact, the Reagan administration has zero budgeted the enforcement of the Animal Welfare Act in fiscal year 1987. No law provides for the review of actual procedures carried out on animals. And both State and Federal law exempt over 90% of all animals used in Laboratories.

The proposed Ordinance is a modest and reasonable step to rectify these problems. First of all, by creating a Cambridge Animal Experimentation Review Board, it allows the public to know exactly what is going on in their City. Second, by requiring a genuine animal advocate on Institutional Animal Care Committees, the Ordinance ensures that the suffering of animals is given some consideration in the deliberations of such internal committees. Third, by providing access to laboratories by responsible representatives of the public, the Ordinance provides a direct check against the potential for mistreatment of animals. In this regard, the experience of Amnesty International and International Red Cross may be quite instructional: the greatest danger to prisoners occurs when they are held *incommunicado*. Access by concerned, responsible individuals is the strongest, single deterrent to abusive treatment we can provide. Fourth, the Ordinance will reinforce existing State and Federal requirements and uniformly extend them to all institutions and species. And finally, the Ordinance provides some restraints against painful experiments performed without the use of anesthesia and painkillers. While such experiments represent a small fraction of all experiments, obviously they should not be undertaken lightly.

Scientists are under a number of pressures, including the pressure to publish and obtain grants. Particular methods of research get entrenched and are hard to displace. Corporations often conduct useless tests because such tests are cheap and because they may offer some protection against lawsuits. The dollar is their bottom line. If a new line of mascara may bring profits, they are willing to blind thousands of rabbits. If a new pesticide offers more profits, they are willing to poison millions of animals to conduct cruel tests of questionable value to justify its introduction. The other day, some of my colleagues and I spent several hours talking to Dr. Sivak, Vice-President of Arthur D. Little. Dr. Sivak is a well-informed person. He agreed with us that the Draize test which involves blinding rabbits, was obsolete. However, he said his Corporation would have to consider conducting the test again if it was a part of a large contract. That is what I suppose we

expect of our Corporations.

The people, however, have a different interest. They believe decisions ought to be made with compassion for both humans and animals. It would be unreasonable to expect those with strong vested interests to always do this. That is the importance of this Ordinance. It provides public review, accountability, and access. The Ordinance would initiate a process of rational and compassionate decision making which gives due consideration to the interests of fellow nonhuman residents of this City. I cannot imagine that any reasonable and compassionate individual without personal vested interests could oppose such guidelines. I have yet to find one who does.

I am confident that this Council will respond with wisdom and compassion. I am confident that this community will go down in history as one that had the courage to take responsibility for what was going on in its environs. And we will be remembered for charting a middle course which will be emulated across this land.

Editorial Page

Charleston Daily Mail

Charleston, West Virginia

4A

Friday Evening, July 19, 1985

Brutal Research Techniques Unacceptable

WASHINGTON — Early in the morning of May 28, 1984, members of the Animal Liberation Front broke into the Head Injury Clinical Research Center at the University of Pennsylvania. They stole more than 60 hours of videotapes of animal experiments and launched a campaign to halt further federal grants to the center.

The story created a small flurry last summer. Philadelphia newspapers obtained defensive statements from the clinic's directors. Dr. James Wyngaarden, director of the National Institutes of Health (NIH), was quoted in Science magazine in June 1984. The clinic, he said, "is considered one of the best laboratories in the world."

The animal lovers who stole the videotapes edited the 60 hours down to a 30-minute sample. Under the auspices of PETA (People for the Ethical Treatment of Animals), the 30-minute film is now being circulated.

I watched it a few days ago. If the procedures depicted in this videocassette reflect "one of the best laboratories in the world," may God help scientific research. The film is a sickening experience.

For the past 13 years, at a cost to the taxpayers of \$13 million, research-

ers at the Pennsylvania clinic have been systematically damaging the brains of baboons and other primates.

This is accomplished by enclosing the animal's head in a hard plastic helmet, positioning the head in a machine that delivers a piston blow of up to 1,000 g's and then chipping off the helmet with hammer and screwdriver. The brain-damaged animal is then subjected to various experiments, some of them involving recent memory, and ultimately the animal is killed and its brain examined.

According to the NIH, the animals are anesthetized and experience no pain. That point is in serious dispute.

The anesthetic administered to the baboons is Sernalyn (phencyclidine hydrochloride), which in the view of some veterinarians quoted by PETA is only a tranquilizer. Alex Pacheco, chairman of PETA, charges that in some instances a dose of one mg/kg "was given in the morning, while the injury was inflicted several hours later in the afternoon."

The stolen film shows animals with various levels of brain damage. It depicts the researchers as having one hell of a fun time. One lab assistant flops a dazed baboon around a table waving



James J.
Kilpatrick

the animal's arms. He laughs about the trainer "who taught him how to do those tricks."

Over in a corner is baboon B-10, who gazes at the camera in sheer misery. "As you can see, B-10 is alive ... B-10 wishes his counterpart well. B-10 is watching and hoping for a good result." Everyone enjoys a good laugh. Other researchers joke that an animal "wants to shake hands." This causes much hilarity. "He says, 'You're going to rescue me from this, aren't you? Aren't you?'"

Well, someone ought to rescue these baboons from the hands of their tormentors. Rescue may be in prospect. Pacheco testified on May 29 before a House committee. On July 16 and 17, sympathetic demonstrators staged a sit-in at NIH headquarters in suburban Maryland. The sit-in made local TV

news, and for the first time a considerable audience saw a few seconds of the 30-minute tape.

Now several members of Congress have taken up the cause. Among them are Democrats Charles Rose (N.C.), Pat Schroeder (Colo.), Sander Levin (Mich.) and Tom Lantos and Barbara Boxer of California, along with Republicans Claudine Schneider (R.I.), Rod Chandler (Wash.) and Stan Parris (Va.). Their hope is to halt funding for the head injury clinic altogether.

I am no anti-vivisectionist, but I'm for that. If after 13 years of bashing in the brains of baboons these researchers have provided nothing of practical value to the taxpaying public, it is time to call a halt.

There are bound to be other, better ways of designing football helmets. At the very least, the situation demands a full-scale investigation by unbiased investigators who are not in thrall to the National Institutes of Health.

If such an investigation confirmed the evidence provided by the stolen film, these million-dollar grants should be ended. Animal lovers might then have the satisfaction of putting a rhetorical question to the jolly researchers: Who's got the last laugh now?

MSPCA
Massachusetts Society for the Prevention
of Cruelty to Animals

350 South Huntington Avenue, Boston, Massachusetts 02130

Telephone: (617) 522-7400

Testimony before the City Council
of Cambridge

September 18, 1986

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Mr. Mayor, members of the City Council, my name is Martha Armstrong and I am the Director of Animal Welfare and Legislative Issues for the Massachusetts Society for the Prevention of Cruelty to Animals. I am here this evening to express the support of the MSPCA for the creation of a review board to oversee and evaluate the use of animals in research in the City of Cambridge.

It is the belief of the MSPCA that institutions conducting research on animals must be held to the strictest standards of accountability in their procedures and in the procurement, maintenance, and disposition of all species of laboratory animals. The MSPCA also believes that research institutions conducting experiments on animals have a moral and ethical obligation to provide the best treatment possible to those animals; to avoid unnecessary duplication of procedures on the animals; to seek alternatives to the use of whole animals in all research projects; and to minimize or eliminate the pain, stress and suffering of the animals involved in each experiment.

It is an unfortunate fact that rats and mice, the animals most frequently used in research, are excluded from coverage of the laws pertaining to the care and use of laboratory animals. It is even more unfortunate that the few laws which do cover

certain laboratory animals are vague and frequently not enforced by the appropriate administering agency.

Recent changes in federal standards governing laboratory animals, such as the Dole/Brown amendments to the Animal Welfare Act and the revised Public Health Service's Guide to the Care and Use of Laboratory Animals, have made significant strides in improving the care and treatment given to laboratory animals. However, the lack of adequate funding for enforcement of these regulations allows many violations to slip by unnoticed by the enforcing agencies.

Through passage of an ordinance which would create a review board, the City of Cambridge has the opportunity to correct many of the problems created through the omissions in federal and state regulations. Citizens of Cambridge will, through the commission established by this ordinance be allowed the opportunity to judge for themselves if the care and use of laboratory animals is adequate, appropriate and humane. By extending coverage of humane standards to all laboratory animals, your city will affirm its concern for the treatment of all living creatures.

The MSPCA stands ready to assist the City of Cambridge in any way possible in refining and enforcing this proposed ordinance. Our state-certified laboratory inspectors will be available to the city to conduct regular inspections of those facilities

within Cambridge which are covered by the ordinance and will assist in the enforcement of any regulations promulgated by the Cambridge Animal Experimentation Review Board.

Thank you for the opportunity to speak to you tonight on this subject. I hope the City Council will call on the MSPCA for any assistance or expertise we may lend to support passage of this vital bill.

Paul Harvey's comment has tried to be fair and still will.

Despite my personal empathy for suffering animals, I have consistently defended the medical necessity for some laboratory experiments involving animals. But some lab scientists are now an intolerable embarrassment to their long time supporters. As one, for instance, the redundant, repetitive experiments in the Jennerelli laboratory at the University of Pennsylvania are hideously remindful of Auschwitz and Dachau and Buchenwald.

There too, torture tests and agony unto death were defended in the name of science. Your taxes are paying for some monstrous medical experiments which you are supposed neither to see or hear about. Indeed, when a committee of the congress contemplated this subject, even the committee, even a committee of the congress, was not allowed to see video tapes of this Pennsylvania laboratory. Both the Department of Agriculture and the Department of Health decreed that the film must not be shown on Capitol Hill. While many medical laboratories are torturing animals, from this one, video taped evidence is available. If you wish more graphic detail than I am willing to relate, you can secure same from PETA, People for the Ethical Treatment of Animals, PO Box 42516, Washington, DC 20015. I have an idea your card or letter will get there if you just address it PETA, Washington DC or send your letter through me if you like.

20 million rats, rabbits cats, dogs, mice and monkeys - 20 million are killed each year in the name of science. And that number has quadrupled in recent years. While many experiments result in benefits to man, most have become experiments with no benefits beyond the abstract accumulation of knowledge and some experimenters don't even profess that purpose any more.

Researchers are under no legal obligation even to use anesthetic - dogs are driven insane with electric shock, monkeys are attached to electrodes to see how much pain they can take before the pain kills them. Primates are restrained for months in steel chairs, their heads encased in concrete while researchers make jokes about the spilling of acid on a helpless baboon. And, yes, I have recordings to document the jokes also. And some of what they do to kittens I can't bring myself to describe.

Anyway, I am now taking sides. Our family has created a foundation, the specific purpose of which is to encourage - however - the humane treatment of animals. As is, 150 living creatures are sacrificed, most cruelly, every minute at a cost of 7 billion dollars a year and two-thirds of that money is your tax money. Some lab attendants hear so many screams either they can't hear anymore or they can't take anymore. There is an ongoing holocaust which somebody must hear. And heed. And resist.

Winning Last Rights



'Landmark'
controls
on local
animal
research
proposed
in city

Some question whether research such as this is necessary.

By Dennis Gaffney

A landmark law which would protect animals from painful laboratory tests in Cambridge was proposed by a local animal rights group last week.

The first law of its kind in the nation, the ordinance would strengthen state and federal animal protection laws and create a city-wide citizens advisory board which would oversee all animal testing at labora-

tories in the city. The committee — consisting of a city council member, the director of the city's animal commission, and a minimum of three other members appointed by the city manager — would have the power to set community standards concerning animal testing and block experiments which are painful to animals. Institutional committees would also be set up at each of the approximately half-dozen

sites where animal testing is done in the city.

"We're trying to strike a balance between the interests of research and the very real costs in terms of animal suffering," says Gul Agha, a research scientist at the Massachusetts Institute of Technology (MIT) and one of the drafters of the legislation.

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Animals

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"This would be landmark legislation," adds Nancy Perry, executive director of The Cambridge Committee for Responsible Research, Inc., the newly formed group which proposed the legislation. "If this goes through, nation-wide animal regulation groups will model local legislation after it."

Officials at both Harvard University, MIT and Arthur D. Little (ADL) — three of the city's largest users of animals in research — had not seen the proposed legislation. However, they claim that animals used in research at their institutions are not abused.

"We're right up in the forefront of making sure we have unnecessary use of animals," says Alma Trinor, vice-president for public relations at ADL, which has an outside committee review its animal testing procedures.

According to figures in a report done on animal research in Cambridge by the Cambridge Animal Care and Control Center in August 1985, more than 30,000 animals are used yearly in experiments by establishments in Cambridge and another 162,000 animals are the subjects of experiments at Harvard Medical School which is located in Boston.

Most of the animals used are mice and rats,

although primates, dogs, cats, and rabbits also are used, according to the report.

Of the 50,000 animals used, the report noted that approximately 16,000 animals were involved in procedures which involved pain or distress. While experimenters say they use

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Local animal rights activists want the city to monitor research involving animals.

Scientific Methods

The following chart shows as of November 1, 1984 how many animals were used in laboratory testing at five Cambridge sites.

	MIT	HARVARD	HARVARD MEDICAL SCHOOL	ARTHUR D. LITTLE	SISA PHARMACEUTICAL LABORATORIES	TOTAL
DOGS	19	0	1576	2	0	1597
CATS	113	0	72	0	0	185
GUINEA PIGS	1026	10	1418	0	0	2454
HAMSTERS	30	130	3700	478	0	4338
RABBITS	309	128	1033	428	84	1982
PRIMATES	23	2	308	4	0	337
RATS	10333	1074	12226	*	399	24032
MICE	13661	376	141257	*	1478	156772
WILD ANIMALS	371	66	487	23	0	947
TOTALS	25885	1786	162077	935	1961	192644

*Figures not included

Source: U.S. Department of Agriculture reports obtained by the Cambridge Animal Commission.

Animals

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anesthetics, analgesic or tranquilizer drugs in these cases, the report concluded that "it remains open to question whether any analgesic drugs are administered on a continuing basis . . . after regular working hours."

The report adds that common procedures at academic laboratories in the city include: "damaging the brains of mammals, electric shock, injection of steroids, hormones, and drugs, and sensory deprivation."

Harvard spokeswoman Jacqueline O'Neill notes "most research that uses animals is federally funded and the guidelines" for the treatment of animals in those tests "are very specific."

But animal protectionists say loopholes exist in state and federal laws. The national Animal Welfare Act passed in 1965, for example, excludes from protection all mice and rats, even though those animals make up 90 percent of all the animals used in laboratory experiments. Agha also says enforcement under this law provided by the U.S. Department of Agriculture is weak, and he notes that U.S. President Ronald Reagan has proposed to eliminate funding for the law's enforcement in Fiscal Year 1987.

Labs which receive funding from the National Institute of Health (NIH) — such as most animal experiments at Harvard and the MIT — must adhere to NIH animal protection regulations. But commercial labs, such as ADL or SISA

Pharmaceuticals Laboratories, in Cambridge, which both do experiments on animals, are not required to adhere to NIH regulations if they do not receive federal funding for animal experiments, Agha adds.

The new law, say its advocates, would eliminate painful and unneeded animal research currently allowed under federal laws. For example, the proposed law requires the monitoring of the physical pain or psychological distress of animal subjects 24-hours daily.

The committee proposing the law also has targeted so-called "lethal dose tests" which entail force-feeding animals commercial products in increasing quantities until a dose is found which kills a certain number of the animals.

In addition, the group has also called attention to the

Draize test, which involves placing a chemical — typically a cosmetic — in the eyes of rabbits with no anesthetics.

"We may not agree on what research needs to be done," Perry says. "But we can find agreement on what research should not be done."

"We're not interested in an immediate ban on animal research," she adds. "We just don't want abuse."

A hearing on the proposed law is scheduled in front of the city council's ordinance committee on September 18 at 5 pm.

Winning Last Rights



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Officials at both Harvard University, MIT and Arthur D. Little (ADL) — three of the city's largest users of animals in research — had not seen the proposed legislation. However, they claim that animals used in research at their institutions are not abused.

"We're right up in the forefront of making sure we have unnecessary use of animals," says Alma Trinor, vice-president for public relations at ADL, which has an outside committee review its animal testing procedures.

According to figures in a report done on animal research in Cambridge by the Cambridge Animal Care and Control Center in August 1985, more than 30,000 animals are used yearly in experiments by establishments in Cambridge and another 162,000 animals are the subjects of experiments at Harvard Medical School which is located in Boston.

Most of the animals used are mice and rats,

although primates, dogs, cats, and rabbits also are used, according to the report.

Of the 50,000 animals used, the report noted that approximately 16,000 animals were involved in procedures which involved pain or distress. While experimenters say they use
see **Animals**, page C-1



Local animal rights activists want the city to monitor research involving animals.

Scientific Methods

The following chart shows as of November 1, 1984 how many animals were used in laboratory testing at five Cambridge sites.

	MIT	HARVARD	HARVARD MEDICAL SCHOOL	ARTHUR D. LITTLE	SISA PHARMACEUTICAL LABORATORIES	TOTAL
DOGS	19	0	1576	2	0	1597
CATS	113	0	72	0	0	185
GUINEA PIGS	1026	10	1418	0	0	2454
HAMSTERS	30	130	3700	478	0	4338
RABBITS	309	128	1033	428	84	1982
PRIMATES	23	2	308	4	0	337
RATS	10333	1074	12226	*	399	24032
MICE	13661	376	141257	*	1478	156772
WILD ANIMALS	371	66	487	23	0	947
TOTALS	25885	1786	162077	935	1961	192644

* Figures not included

Source: U.S. Department of Agriculture reports obtained by the Cambridge Animal Commission.

Animals

continued from page 26

anesthetics, analgesic or tranquilizer drugs in these cases, the report concluded that "it remains open to question whether any analgesic drugs are administered on a continuing basis . . . after regular working hours."

The report adds that common procedures at academic laboratories in the city include: "damaging the brains of mammals, electric shock, injection of steroids, hormones, and drugs, and sensory deprivation."

Harvard spokeswoman Jacqueline O'Neill notes "most research that uses animals is federally funded and the guidelines" for the treatment of animals in those tests "are very specific."

But animal protectionists say loopholes exist in state and federal laws. The national Animal Welfare Act passed in 1965, for example, excludes from protection all mice and rats, even though those animals make up 90 percent of all the animals used in laboratory experiments. Agha also says enforcement under this law provided by the U.S. Department of Agriculture is weak, and he notes that U.S. President Ronald Reagan has proposed to eliminate funding for the law's enforcement in Fiscal Year 1987.

Labs which receive funding from the National Institute of Health (NIH) — such as most animal experiments at Harvard and the MIT — must adhere to NIH animal protection regulations. But commercial labs, such as ADL or SISA

Pharmaceuticals Laboratories, in Cambridge, which both do experiments on animals, are not required to adhere to NIH regulations if they do not receive federal funding for animal experiments, Agha adds.

The new law, say its advocates, would eliminate painful and unneeded animal research currently allowed under federal laws. For example, the proposed law requires the monitoring of the physical pain or psychological distress of animal subjects 24-hours daily.

The committee proposing the law also has targeted so-called "lethal dose tests" which entail force-feeding animals commercial products in increasing quantities until a dose is found which kills a certain number of the animals.

In addition, the group has also called attention to the

Draize test, which involves placing a chemical — typically a cosmetic — in the eyes of rabbits with no anesthetics.

"We may not agree on what research needs to be done," Perry says. "But we can find agreement on what research should not be done."

"We're not interested in an immediate ban on animal research," she adds. "We just don't want abuse."

A hearing on the proposed law is scheduled in front of the city council's ordinance committee on September 18 at 5 pm.

Committee on Ordinances

9/18/86

5:26 P.M.

Present Comptroller William H. Walsh

- ① C. Durbay
- ② C. Wolf
- ③ C. Russell
- ④ Mayor Sullivan
- ⑤ C. Graham
- ⑥ C. Sullivan
- ⑦ C.D. Sullivan

5:32 P.M.

C. Sullivan

Spoke re. to his order of 9/8/86
 re: Animal Research Ordinance
 I put through DUA ordinance
 Howard opposed me.

5:40 P.M.

Dr. Gul Agha
 15 Audrey St

Spoke in favor of ordinance.
 Suggested by profession.
 (Road storm) This will prohibit abuse of
 animals
 Opposed ordinance.

C. Wolf

Que. review board oversight

Dr. Agha not a prior review except in certain experiments

C. Wolf Ques. protocol; methodology

Dr. Agha Proprietary should not be for the universities

C. Durhan Ques. regulations of other levels of govt be provided to C/L

~~Dr. Agha~~ Anything to tell us that this kind of experimentation is not in public view

Dr. Agha → ~~that~~ this is not in public view

" Where that I know of none directly.

" A book I read had made reference to it being done

I want to go on record saying I think documents should be provided to C/L to help us fully

understand the need of this ordinance.

Dr. Andrea Conaini
54 Winslow ST

Supports ordinance
the interest of science will
not be served by secrecy.

Dr. Dan Gerweh
86 Richdale Ave

Supports ordinance
Humans are newest species
on this planet

C.D. Fullmer

Ques. scope of coverage
of ordinance ... is somewhat broad

Dr. Gerweh

all creatures deserve our
respect, insects, reptiles etc

Sara Power
MSPCA
Boston

(Lead
Sg. at meet)

Supports ordinance for creation
of Review Board on animal
experimentation
we are ready to help in
refining, and enforcing this.

C. Dunham

Ques. pg. 4 § 2(a) Do state/
federal standards have ethical
standards

S. Rome

Yes I believe there are

C. Dunham

Ethics shld be up to c/c
not to a review board.
Too much power to me
board

Peter Mead
50 Mass. Ave.
MIT Student

Supports ordinance

Elaine Ely
167 Hampshire
(Harvard Student)

6:18 P.M.
C. Vell

Concerned w/ ~~order~~ orders in
East Cambridge
Two research centers growing annual
cancers.

Fredy Fox,
340 Highland Ave
Somerville
MIT

Supports ordinance, this shld
be adopted.

C. Wolf

Halted research stopped @
Clemson U. / U. of Penn.

M. Joan.

NIAH stopped funds due
to way's experiments were
conducted

Annette French
196 Auburn

Lineal her 3 yrs. Supports
ordinance due to need for
accountability

Mark Sommer
180 Park
Berks

Supports ordinance.
Outside people shld have
access.

Pomela Boubas
19 Garden St.

Supports ordinance

Hugh Geoghagan
19 Garden St

Supports ordinance
C/C shld speak its mind.
knowledge

C. Durbay

Adv. his extent of these
experiments

Just one doctor on greyhounds

C. Deehan

Ques. use of salaried employees vs. volunteers to do this job

C. Wolf

Ques. this wd. in other states

H. Glogberg

not that I'm aware

Billy Burke
56 Smith St

Supports ordinance
God put us and ~~the~~ creatures
here together

Robert Asmley
Cambridge

Supports ordinance

Mary Ann Gray
13
Cambridge

'' ''

Prof. Harvey Sapolsky
37 Edgemoor Rd
Belmont
MIT Prof.

'' ''
has balance

C. Drexler Ques. research currently

Prof. Sapolsky I'm sure a lot is going on. It's difficult to really know

C. Drexler Ques. stuff needed to check

I don't know, maybe 1 person @ first

Jane Lindsay
215 Highland Ave
Newton Supports ordnance
I can't find out what U. Mass Amherst was doing

Bauer &
18 Center St Supports ordnance

Wm. R. R. Rye " "

Theo Capaldo
Clinical Psychologist " "

C. Vell Ques. ordnance to shipping research in laboratory

Donna Bishop
14 Moseley St
Boston, Ma.

Wntter

Emelyn Kimber
24 Oakmont St
Boston

Supports ordinance

7:12 P.M.

Dr. Dwight Harben M.D.

Opposed to ordinance
we are regulated by
state and federal authorities
Research is important to all
of us
Filed written statement

C. Wolf

Some say this ord. won't
affect responsible research.

Dr. Harben

I'm sure they mean that, but
this is far too broad.
I'm for the humane treatment
of research.

C. Jackson

Some people feel it's difficult to get access to institutions ~~is~~ is it?

Dr. Hasben

They all have their own review boards and people have right to contact them.

Rolaf Kervels

Opposed to ordinance
Dr. Hasben helped save my life

Dr. David Baltimore
26 Reservoir St

(Head Station) Opposed to ordinance
Experiments are important.
Roberts research on cancer cure is imperative
I urge all to improve public health but this is not the answer.

7:55 P.M.

C. Velleur

Over use of federal \$ for research @ Whitehead
People have a right to know.

C. D. Sullivan

"Implicit" goal to stop research

"

Q. un. procedural requirements
at Walter Dr. Baltimore

Dr. Baltimore

I'm not sure because of
requirements of ordinance

C. D. Dubay

Will you encourage
ethics committee doing
analysis on this issue.

C. Wolf

NIH reqs being adequate?

They have an extensive sur-
veillance program

Rfa O'Connor Curbey
5 Milton St.

(Local
Statement)
+ letter from
Dr. Ferguson

opposed to ordinance
This is very important
to human life
defined family history
& cancer.

"to delay research is to deny

people hope"

Sister Ellen Powers 559 opposed to ordinance
NCC Principal
Served on committee @ Harvard
on research
this ordinance would discourage
biology classes.

C. Wolf
what about this this effects
classroom experiments.

Sister Ellen
Enough legislative control exists

C. DeShay
Do all institutions have such
oversight committee

Sister
I'm not sure

C. Dell
what % of research for
commercial purpose

Sister
Don't know, but I will
try to find out

I want to know who is making money from this research

C. Wolf Wants bit of oversight committee and chair

Andrea Haber Chronic disease, research at 8 Lancaster St. (Head Stated) important. I'm in pain every day.

As a medical writer, I've never been denied access to laboratories

P. Wolf How have you been in Case. Labs.

Boston

Dr. Carolyn Compton (Head Stated) opposed to ordinance MBH I do medical research

Barney Dwan 72 Norfolk St opposed to ordinance Animal experimentation

Dr. John Moses (Read Statement) opposed to ordinance

C. Durbay Que. NIH funding for enforcement

Dr. Moses That's true of all areas w/ federal funds.

C. Durbay Com. U. meeting

Dr. Moses. Once a month for 4 hrs.

C. Durbay % of roses sent back

Dr. Moses. Many are re-submitted for revision and some are denied

C. Durbay Do you receive final report

Dr. Moses NO, but each year renewals are due

C. Durbay Remain in committee

Mayer Ady: 9125 Rms

SP(D&I)

TOTAL - 5

From CHARLES P. HERTZ MD.

Position of the American Heart Association on Research Animal Use

A Statement for Health Professionals by a Task Force
Appointed by the Board of Directors of the American Heart Association



American Heart Association

Rationale Millions of Americans today are healthy, and other millions are alive, because of advances in the prevention and treatment of heart disease. Death rates from the major forms of heart disease have declined steadily since about mid-century, and the decline is continuing. Most recently, between 1972 and 1982, the death toll from cardiovascular disease declined 28 percent. The decline is largely

related to changes in life style and development of methods of treatment, many of which are based upon animal experimentation. These events encourage medical scientists to believe that most heart attacks, strokes, and hypertension can ultimately be prevented or their onset can be deferred so that they do not cripple or kill people prematurely.

Effective prevention and treatment of disease depends on accurate knowledge about the causes of disease, on information about how disease affects the body, on drugs that combat disease, on devices that work, and on operations that cure. The knowledge, material, and skills on which prevention and treatment are based have come from a wide variety of sources—basic scientific disciplines such as chemistry, biology, physics, engineering, mathematics, and many others; observation of naturally occurring disease in human and animal populations; and experimentation on human subjects and animals.

Great benefits have resulted from applications of this knowledge, including the heart-lung machine, repair of congenital heart defects, heart valve replacement, cardiopulmonary resuscitation and the use of drugs to combat hypertension and prevent stroke. Continued progress in the prevention and treatment of heart disease depends on maintaining access to all these sources of knowledge.

Animal experimentation has been challenged as unjustified on both scientific and ethical grounds. Scientifically, there is, as yet, no way to model the

extraordinary complexity of the cardiovascular system, which nourishes and interacts with every organ in the body. Generation of new knowledge, testing of new drugs, and the refinement of new devices and operations that affect the cardiovascular system, therefore, require animal experimentation.

Ethically, the main choice is between improvements to human and animal health through animal research versus restrictions on animal research use that cancel our hope for life-saving progress. Confronted with such a choice, we have usually decided that experiments on animals should precede the extending of experiments to human beings.

Despite progress in conquering heart disease, that disease remains the number one killer in America. The American Heart Association, dedicated to improving human welfare by fighting cardiovascular disease, invests funds contributed by the American public in basic research on heart disease. That research, of necessity, involves the use of animals.

The American Heart Association takes the position that the responsible use of animals is essential and necessary to biomedical research and education in the prevention, reduction, and treatment of diseases of the heart and blood vessels.

Assurances of Responsible Use of Animals

The American Heart Association requires assurances of the responsible use of animals in research by requiring the following:

1. AHA grantee institutions must meet standards equivalent to those of the U.S. Public Health Service, including the following categories that pertain to the care and use of animals:

Personnel

Care and use of animals is carried out by qualified individuals.

Supervision is carried out by a veterinarian trained in laboratory animal medicine.

Research

Should use alternative methods to live animals when appropriate.

Should be designed to yield needed information.

Must use anesthesia for surgical intervention.

Post-procedural care must minimize or relieve discomfort.

Should avoid all unnecessary suffering, and must terminate if continuation would result in unnecessary pain or fear.

Animals must be killed by currently acceptable methods.

Facilities and Transportation

Must be in compliance with current federal, state, and local requirements and guidelines.

2. Grant applications submitted to the AHA or its Affiliates, which propose to use animals, must be reviewed and approved by an institutional Animal Care and Use Committee prior to review by an AHA Research Review Committee. It is recommended that the Animal Care and Use Committee include a non-scientist and a member of the public.

Accreditation by the American Association for Accreditation of Laboratory Animal Care (AAALAC) and/or other verifiable assurances must be provided to be certain that the animal facilities, including staffing, meet appropriate standards. The institutional and American Heart Association Research Committees are responsible for determining that the proposed research is necessary, meets ethical considerations, and can be conducted effectively. The principal investigator has the ultimate responsibility for the conduct of research, including the appropriate care and management of the animals throughout the course of the experiments.

3. The "Instructions to Authors" section of all AHA journals should include the following statements. For experimental animals, state the species, strain, number used and other pertinent descriptive characteristics. For human subjects or patients, describe their characteristics. When describing surgical procedures on animals, identify the preanesthetic and anesthetic agents used, and state the amount or concentration and the route and frequency of administration for each. The use of paralytic agents, such as curare or succinylcholine, is not an acceptable substitute for anesthetics. For other invasive procedures on animals, report the analgesic or tranquilizing drugs used; if none were used, provide justification for such exclusion. When reporting studies on unanesthetized animals or on humans, indicate that the procedures followed were in accordance with institutional guidelines.

HARVARD MEDICAL SCHOOL

DWIGHT EMARY HARKEN, M.D.
Clinical Professor of Surgery, Emeritus



300 Mount Auburn Street
Suite 516
Cambridge, MA 02138
(617) 267-4331

COMMENTS TO THE CAMBRIDGE CITY COUNCIL

September 18, 1986

I am Dr. Dwight Harken, Clinical Professor of Surgery (Emeritus), Harvard and a resident of Cambridge for well over half a century.

I come before you as one greatly interested in humane animal care. Also, I am interested in relieving human suffering.

May I tell you an illustrative story, then make specific reference to the Ordinance under consideration here tonight?

First, the story: the first 14 patients on whose hearts I operated all died; in the second 14, 7 died. In the third group of 14 on whose hearts I operated, 2 died. I was getting better. In the fourth group all lived. The only difference is that the first 3 groups were all laboratory animals. In the fourth group all were American soldiers. I took these materials (foreign bodies removed from inside of heart demonstrated) from the inside of their hearts. All lived. This was the first consistently successful surgery on the inside of the heart. It has been called the birth of modern heart surgery.

And so it has been with other firsts such as assisted circulation, demand pacemakers, electrical cardioverters, heart valves etc., for which I am credited. None could have been accomplished without animals.

SO, I assume that we all agree animal research is essential. Now we must address this Ordinance.

This is an unbelievable and unnecessary Ordinance. We have State and National regulations of research. SO, if any of our opponents or misguided

friends do not inspect and report any cruelty, they are accessories to a crime. I challenge them to inspect and report. If they are not doing that they are not availing themselves of existing laws. This Ordinance is totally unnecessary.

Next, the advocates of this Ordinance say that there are loop holes... exceptions to the regulation. Yes it is true, rats and mice are excluded from toxicity studies, from study of cancer causing pollutants, etc. If our friends, the anti-vivisectionists, can devise experiments to test toxicity and cancer causing pollutants without the use of rodents, they are obliged to do so. There is no substitute for the use of rodents in many situations. It would be interesting to have Dr. Gul Agha devise his "artificial intelligence" to test these killers.

Finally, our adversaries would like to have this Ordinance that regulates and informs them say in other parts of the world "See, we regulated Harvard and M.I.T. The Cambridge City Council had to act". What a sinister plan to trade on the images of institutions here for clout elsewhere! Yes, and with an Ordinance that regulates every student: high school, biology student, college and graduate student in the area. As I quote from the Ordinance this would include "non-human sentient beings". That would include fruit flies and insect parasites.

It adds costs that we can ill afford. It adds regulations already covered and paper work for you and researchers. 50% of the money now allotted by the National Institutes of Health goes for administration itself. Let us not add to the unnecessary costs.

I urge with all the force at my command, that you vote against this Ordinance.

CHURCH OF ST. JOHN THE EVANGELIST
2254 MASSACHUSETTS AVENUE
CAMBRIDGE, MASS. 02140

September 18, 1986

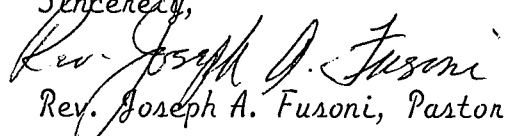
To Whom It May Concern:

I have been asked to write a letter expressing my views on the matter of the use of animals in medical research. Inasmuch as I feel that untold numbers of people, and most recently I myself, have benefitted from the medical advances made possible through animal research, I am most agreeable to presenting my thoughts on the subject.

I have always felt that the words of the Sacred Scriptures as found in the Book of Genesis may be interpreted as applying to this area of concern. In speaking to man, the crowning glory of His creation, made in His own image, God said, "Let them have dominion over the fish of the sea, the birds of the air, and the cattle, and over all the wild animals and all the creatures that crawl on the ground." Clearly it seems God gave to man the right of sovereignty over the earth and living beings. In the hierarchy of values established by our Creator, intelligent human beings have the right - indeed, the obligation - to improve the quality of life and to conserve the life and health of man in whatever morally acceptable ways are available. Experimentation on animal life then, as long as it is conducted within indicated limits, can and does really serve the necessary ends of scientific investigation. In many cases such experiments cannot be substituted for by any other means of equal value in resolving scientific questions.

It really becomes a question then of being certain that the limits within which this experimentation is carried on are established on solid moral ground. It would seem to me that this concern is adequately provided for by the already existing federal and state agencies which review and inspect experimentation procedures. The multiplication of "guardians of the common weal" is a clear and obvious danger, especially if any such agency is vested with the power to override the judgments of already well-established authorities. There are those in our society who would, given the opportunity, eliminate all animal research on what they would call humanitarian grounds. I submit that this is a glaring mis-use of the word. A true humanitarian would clearly agree that to eliminate animal research would be a disservice to mankind and would hinder and endanger much valuable medical progress.

Rather than to risk the potential danger of impeding and obstructing medical advances, I would be in favor of defeating the proposed City Ordinance for the Care and Use of Laboratory Animals. I would consider the passage of such an ordinance as a matter of unnecessary and harmful over-kill.

Sincerely,

Rev. Joseph A. Fusoni, Pastor

Testimony of David Baltimore, Reservoir Street, Cambridge
Director, Whitehead Institute for Biomedical Research

Mr. Mayor, Ladies and Gentlemen of the Council:

My name is David Baltimore, I reside and own property on Reservoir Street in Cambridge and I have been a resident of Cambridge for approximately 20 years. I am Director of the Whitehead Institute for Biomedical Research, located in Cambridge Center, and I am a Professor of Biology at MIT. In 1975 I received the Nobel Prize for my studies on cancer.

I have made my professional and personal life in Cambridge because, quite frankly, the Cambridge/Boston area leads all other parts of the world in its contributions to the biomedical sciences and provides the optimum circumstances in which I can make contributions to the improvement of the health of all mankind.

About four years ago I came before you to ask your support in founding the Whitehead Institute, which has become one of the world's leading centers for the study of molecular biology and which brought to Cambridge a philanthropic gesture without parallel: the gift of more than \$135 million to create an institute whose primary purpose is to do basic research that will lead to better health for all of us.

The Institute, I am pleased to report, is thriving. In a few weeks we will play host for the fourth consecutive year to more than 1,000 scientists from throughout the world for our annual symposium. The results of our work is being followed by scientists everywhere. We are nearly full grown, with dozens of students, mostly from MIT, and with nearly 200 staff members, about a third of whom live in Cambridge.

This proposed ordinance threatens their jobs - and mine - and could lead to a curtailment of our biomedical research if the course of action that I believe is implicit in this legislation is followed. I say this because the persons who are most anxious for this law to pass have stated in other public forums on many occasions that their objective is not just to assure that laboratory animals are treated kindly, but to halt all research with animals. Indeed, they would force all of us to change our dietary habits, release our pets to the wilds and make us wear plastic boots, if they had their way.

I am not expert in the economic effects to our community if these ideas are adopted; there are others here who can address those questions. But I believe that I am qualified to address the effects of these insidious notions upon the health of our citizens.

I have just returned this afternoon from a conference on cancer research in Houston, Texas. The work described there brings new light to the ancient mystery of cancer. In that work, the use of rodents has been crucial. Experiments were described that could only be done with live animals. Progress against cancer is absolutely dependent on the use of animals in research.

But let me speak to you about a new problem, AIDS.

Earlier this year I was asked by the National Academy of Sciences to investigate the manner in which research aimed at conquering this awful disease is being conducted. I have been a scientist for more than 25 years and I have learned about many diseases, including polio and cancer. But after having interviewed scores of AIDS researchers across the country and conducting numerous hearings and meetings, let me tell you that for the first time in my life I am frightened about the outlook for a disease. AIDS is a disease that is out of control and there doesn't seem to be anything available to stop it. It is not a disease limited to drug users, or to homosexuals. It is a disease that threatens all of us and our children. Over the next years you will see

the number of victims of this disease grow sharply, clogging our hospitals and terminal care facilities.

There is only one way we will beat AIDS. We will beat it the same way we conquered polio, and smallpox and all the other killer diseases that have threatened us. We must do good, sound basic biological research to understand the disease, and then we must use that information to devise medical cures.

It is absolutely essential that we study this disease - and the other diseases that continue to plague mankind - through the use of animals. We cannot experiment with people and it is not at all sufficient to rely just on culturing cells or using computer programs. We have established reliable animal models over the past hundred years and we have used them to devise numerous cures in the past, cures that have saved or prolonged or improved millions of lives. Scientists are right now trying to find animals that are susceptible to the AIDS virus or trying to find model animal diseases. If we are to develop either a vaccine or a drug against AIDS, the use of animals will be necessary and critical.

The diseases we fight now are more difficult to solve than the ones of the past. We have battled cancer for decades and it has only been in the past ten years or so that the progress has led us to feel confident that we will prevail. Without the use of animal models - largely rats, mice and rabbits - our progress would not have occurred and many human lives would be lost unnecessarily. So it will be with AIDS, and with tuberculosis, which is making a comeback in this country, probably because of AIDS, and with other diseases. Diseases we inherit must be conquered - and there are more than 3,000 of them, many with which we are familiar because there are major charity drives to help victims meet the enormous costs. Laboratory animals play a large and important role in this research, too.

As a laboratory director I can tell you that the times are not easy. I personally am increasingly burdened by administrative matters, as are many of my

senior scientists. We spend more and more money for administration and correspondingly less for science. And this at a time when the funds available for research are becoming difficult to obtain.

This proposed ordinance will help no animals, there are already plenty of laws and boards and committees designed to do that. I know from personal experience that in the laboratories of MIT and the Whitehead Institute, animals are treated humanely. We, in fact, spent hundreds of thousands of dollars to insure that our animals are as healthy as possible. What this proposed ordinance will do is hurt researchers, taking money from research, slowing down the work and potentially stopping independent experimentation at the whim of review board members. Biomedical research that is slowed means cures arriving late - perhaps too late for some of us.

If I sound alarmed at the possibilities presented by this proposed ordinance, that is because I am alarmed. If I sound a little angry, I am that, too. This council is right to concern itself with public health and I strongly urge all of its members to do what they can to help improve the public health and safety.

The best way I know to do that is to help us get this ordinance - and those who would force their beliefs on the rest of us - off the backs of the science community, and let us do our jobs.

Thank you.

HARVARD UNIVERSITY

OFFICE OF GOVERNMENT, COMMUNITY
AND PUBLIC AFFAIRS

2 GARDEN STREET
CAMBRIDGE, MASSACHUSETTS 02138
617-495-4955

September 19, 1986

Dear Joe:

Mayor Walter Sullivan asked that I send you copy of my testimony about the hearing using Animals In Research.

Here it is...

Sincerely,

A handwritten signature in cursive script, appearing to read "Rita".

HARVARD MEDICAL SCHOOL

DEPARTMENT OF SURGERY

OFFICE OF CITY CLERK

DIVISION OF ORGAN TRANSPLANTATION

ANTHONY P. MONACO, M.D.
ANTHONY I. SAHYOUN, M.D.
PETER N. MADRAS, M.D.
RICHARD J. ROHRER, M.D.

1986 NOV



9 12



CAMBRIDGE MA.

NEW ENGLAND DEACONESS HOSPITAL

185 PILGRIM ROAD
BOSTON, MASSACHUSETTS 02215
(617) 732-8549

November 13, 1986

City Clerks Office
Cambridge City Council
795 Massachusetts Avenue
Cambridge, MA 02139

To whom it may concern:

As a physician and long time citizen of Cambridge, I must express my dismay and opposition to the proposed ordinance regarding animal experimentation.

It goes without saying that medical and other biological research critical to the quality and quantity of our lives would not be possible without animal experimentation.

We are all concerned that animal experimentation be performed in an appropriate manner. All research institutes have animal care committees designed just for this purpose, and in virtually all instances there is specific oversight of animal experimentation by Federal, State, or other independent bodies.

The proposed ordinance thus represents an unnecessary duplication of controls that are already in place. On this basis it should be strongly opposed.

Yours truly,

Richard J. Rohrer, M.D.
50 Saviour Street
Cambridge, MA 02138

RJR/cs

September 18, 1986

Mr. Chairman:

My name is Rita O'Connor Corkery -- I was born in Cambridge, and I live at 5 Milton Street, North Cambridge.

I have worked for the past four years at Harvard University, as Office Manager in the office of Government, Community and Public Affairs, and as a liaison with the community, I attend City Council meetings each Monday night. This is the first time I have addressed a Hearing Committee. I have volunteered to do so because I feel so strongly for scientists to pursue medical research.

Why I am here is to tell you how very important I think it is that Medical Research on animals continue, without more bureaucratic controls and supervision. I understand from this week's TAB that most of the research done in Cambridge is done on rats and mice.

There are already strict federal and state regulations, as well as frequent unannounced inspections to laboratories to insure that animals used for experiments are treated humanely. We certainly don't need more red tape in the form of a Cambridge Animal Experimentation Review Board.

Also, I am a taxpayer in the City of Cambridge. I own a one-family house in North Cambridge, and I am greatly concerned about formation of needless authorities that require our tax dollars to operate. The Ordinance States: "The City Manager is authorized to provide the adequate staffing of the CAERB." That means volumes of record-keeping!

If you will... I would like to tell you why I feel so strongly for continued research using animals.

Over 40 years ago my father died of cancer. He was 46 years old, the father of 5 children. I was 16 and my youngest brother was 3. My father's illness was misdiagnosed. And ... it was not determined that he had cancer until it was too late.

Four years ago, in 1982, my husband, John O'Connor, a high school physics teacher, who served many years on the Cambridge Planning Board, was diagnosed as having cancer. Although operated on twice, John died in February, 1983.

Two years later, last June, I was operated on for breast cancer. My breast was removed, then there followed 3 months of chemotherapy, 6 weeks of daily visits at Mass General for radiation, and 3 more months of chemotherapy. I lost my hair, but it has, as you can see, grown in.

I will not be in attendance at the Council meeting this coming Monday, because I will undergo surgery Monday morning at Beth Israel Hospital for completion of reconstruction of my breast... so that I will feel whole once again.

This past February, my brother, Leo Tierney, who was photo editor of the Boston Herald, died of cancer. He was buried on his 54th birthday. Leo was being considered for treatment with the new cancer drug, Interluken 2.

I have been given hope -- by medical research, by means of experiments using animals -- surgery -- chemotherapy drugs -- radiation - plastic surgery. My 80-year old mother, who has just recently lost the sight of one eye, is presently undergoing laser treatments at Mass. Eye and Ear. These are new techniques brought about by research using animals.

My father, my husband and my brother were not as fortunate. That is why medical research must continue -- without delay or red tape.

On a happy note in my life -- I was married this year and I'm a new grandmother. I have two little grandsons. However, if there was ever a question of their health vs. that of an animal -- if I were asked if I was "pro-choice" -- i.e., people vs animals -- my choice, of course, would be people. There are little babies waiting for liver transplants, heart transplant patients, people with cancer --- all depending upon research. To delay research is to deny us hope.

I must say that as I have attended City Council meetings for the past four years, I have usually been impressed with the concern of the Cambridge City Councillors -- because their first concern has been the PEOPLE. Please don't delay research with redundant regulations. Don't be used by a group whose ultimate aim is to stop all research using animals.

And now, I would like to read to you a letter written by Father Joseph Fusoni, pastor of St. John's Church in North Cambridge. Father Fusoni is about 50 years old, and was just appointed pastor last year. Father Fusoni was operated on at Mass. General Hospital this year for cancer of the throat area, and has just finished radiation treatments. His voice is hoarse, and it is difficult for him to speak. Here is Father Fusoni's letter....



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CAMBRIDGE CITY COUNCIL

CITY HALL, CAMBRIDGE, MASSACHUSETTS 02139

(617) 498-9094

William H. Walsh
City Councillor

July 21, 1987

Russell Higley
City Solicitor
Cambridge City Hall
Cambridge, MA 02139

RE: Animal Ordinance

Dear Mr. City Solicitor:

It is my understanding that your office is in the process of proposing a Proposed Animal Ordinance to be submitted to the City Council. As you are aware, on June 29th Councillor Vellucci sent me a Proposed Animal Ordinance Bill to be heard by the Ordinance Committee.

Could you please advise me as to when your draft would be ready so I can schedule the Proposed Ordinance to be heard on the same night.

Very truly yours,

William H. Walsh

WHW/sam

cc: Clerk Joseph Connarton

HAND DELIVERY



City of Cambridge

13.

IN CITY COUNCIL

September 8, 1986

VICE-MAYOR VELLUCCI

ORDERED: That the attached proposed amendment to the General Ordinances of the City of Cambridge in Chapter Eleven entitled: "Health, Hospitals and Housing" by inserting an Article IV entitled: "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge", be referred to the Committee on Ordinances.

In City Council September 8, 1986.
Adopted by the affirmative vote of 9 members.
Attest:- Joseph E. Connarton, Acting City Clerk.

A true copy;

ATTEST: *Joseph E. Connarton*
Joseph E. Connarton, Acting City Clerk.

(PROPOSED AMENDMENT PASSED TO A SECOND READING. COMMITTEE ON ORDINANCES HEARING SCHEDULED FOR THURSDAY, SEPTEMBER 18, 1986 AT 5:00 P.M.)

Order # 13

0-63A

VM Vellucci order re: that the attached proposed amendment to the General Ordinances in Chapter Eleven entitled "Health, Hospitals and Housing" by inserting an Article IV entitled "Ordinance for the Care and Use of Laboratory Animals in the City of Cambridge", be referred to the Ordinance Committee.

12/28/88 See Unfinished
see Item # 1

Placed on file without
prejudice pursuant to
Order # 2 of Dec. 28, 1987

In City Council,
September 8, 1986

VM V

Passed to a 2nd Reading,
Referred to Ordinance
Committee

Hearing Scheduled
9/18/86 @ 5 P.M.