

**Baker Institute for Animal Health**  
**2002 Annual Report**





## Research Advances in Baker Institute Laboratories Today...



## Are Making a Difference for Tomorrow's Generation of Companion Animals.



### Our Vision

is to serve the animals that so faithfully serve mankind.

### Our Mission

is to improve animal health through basic and applied research.

### Our Goal

is to be the leading institution in animal health research worldwide.

The Baker Institute for Animal Health...

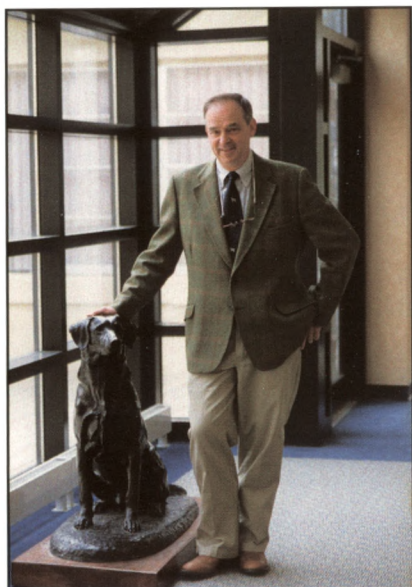
Advancing Veterinary Medicine through Research since 1950



# MESSAGE FROM THE DIRECTOR

*"What would life be if we had no courage to attempt anything?"*

—Vincent Van Gogh



Dear Friends,

A year ago I wrote to you of the progress on our building project—beginning with our June 1, 2001, groundbreaking. Less than 18 months later, on November 1, 2002, we formally dedicated our remarkable new facilities, including a state-of-the-art laboratory building and our attractive 100-seat Thaw Charitable Trust Lecture Theater. The occasion was a splendid opportunity to showcase our research space and our work on behalf of companion animals to both new and familiar friends. (For details and pictures from our dedication, see pp. 8–11.)

As director of the Baker Institute during this remarkable period of growth, I can only say how deeply proud I am of our extraordinary facilities—and the even more impressive faculty and researchers who occupy them.

In addition to the physical growth of our facilities, in 2002 we recruited two outstanding faculty members to the Baker

research team: Drs. John Parker and Alex Travis (both of whom are profiled in this report), whose expertise in infectious diseases and reproductive biology, respectively, will help pave the way for future scientific advances here at the Baker Institute.

As momentous as this past year has been, from the outfitting of our new laboratories to the physical changes in our landscape, I am profoundly aware that none of these accomplishments would have been possible without the generous support of our committed friends.

It is my privilege to take this opportunity, particularly in a year of so much significant change, to thank the many individuals who make our research efforts possible.

From groundbreaking work in gene therapy that restored a puppy's eyesight to advances in canine and equine genomics, from new understandings of osteoarthritis and hip dysplasia in dogs to the prevention of infectious diseases, the Baker Institute is making a difference in the quality of life for our beloved companion animals and their owners.

I hope that if your travels ever bring you to Ithaca, you will drop in for a personal tour of the Baker campus. We welcome the opportunity to share our new space with our friends and supporters.

Sincerely,

A handwritten signature in black ink that reads "D F Antczak". The signature is written in a cursive, flowing style.

Doug Antczak, VMD, PhD  
Institute Director



# TABLE OF CONTENTS



Baker Advisory Council chair and her dogs, Gracie and Gator, next page



Baker Institute dedicates new building, pp. 8-11



Researcher tracks study in Russia, p. 14



Dr. Harold Zweighaft, DVM '56, paves way for brighter future for companion animals, p. 57

## **Baker Institute Advisory Council**

Message from the Advisory Council Chair	3
Leaders in Their Field: 2002 Institute Awards	4
Black Tie & Tails a Success	5
New Laboratory Named for Albert Bostwick Foundation	6
Advisory Council Listing	6

## **Baker Institute Dedicates New Building in 2002**

Thaw Charitable Trust Lecture Theater	10
Lecture Seat Sponsorships	11

## **New Faculty at the Baker Institute**

John Parker, Assistant Professor of Virology	12
Alex Travis, Assistant Professor of Reproductive Biology	13

## **Achievements: Research Highlights**

In Profile: Research Associate Bridging Two Cultures in Her Study of the Silver Fox	14
Visiting Scholars and Scientists Bring Global Perspective to Institute Briefs	15
	16

## **In Our Laboratories: Faculty at the Baker Institute**

Greg Acland, Senior Research Associate	18
Gus Aguirre, Alfred H. Caspary Professor of Ophthalmology	20
Doug Antczak, Dorothy Havemeyer McConville Professor of Equine Medicine	22
Judy Appleton, Professor of Immunology	24
Nancy Burton-Wurster, Senior Research Associate	26
George Lust, Professor of Physiological Chemistry	28
Vicki Meyers-Wallen, Associate Professor of Reproduction	30
Colin Parrish, Professor of Virology	32

## **Departures**

James MacLeod, Associate Professor of Molecular Genetics	34
Lincoln Adams, Research Technician, Bell Laboratory	34
Jharna Ray, Assistant Professor of Molecular Genetics	35
Mary Beth Matychak, Research Technician, Antczak Laboratory	35

## **Financial Highlights**

### **Partners in Progress:**

### **Private Support at the Baker Institute in 2002**

Honor Roll of Giving	38
Memorial Gift Program: Participating Veterinarians	55
Paving the Way for Research: Contributors to Baker Legacy Walk	58

### **Who We Are:**

### **Administration/Faculty/Faculty Emeriti**

60



# BAKER INSTITUTE ADVISORY COUNCIL

## Message from the Advisory Council Chair



*"The Baker Institute is the top research institution dedicated to improving the lives of future generations of companion animals."*

—Joanne Bicknese

identification of several program initiatives—including the creation of endowed chairs, enhanced opportunities for visiting scientists, and the targeting of new areas of applied research. The generosity of our many friends in the private and corporate sector will be essential to the success of these future ventures, in addition to your ongoing support for the host of naming opportunities that still exist within the new facilities. Foremost, on behalf of my fellow Council members, I want to take this opportunity to extend our gratitude for your support of the Baker Institute this past year and its important work on behalf of all companion animals.

Both my personal ties, as a devoted pet owner, and my professional association as a member of the veterinary community have helped shape my conviction that the Baker Institute and its core of dedicated scientists will have an extraordinary impact on veterinary medicine—and ultimately, our beloved pets—for generations to come.

Thank you for helping to make these crucial research advances possible. I hope that we can continue to earn your trust and confidence in the mission of the Baker Institute and its devoted efforts to provide a brighter tomorrow for the animals that are so important to the people who care for them.

Sincerely,

Joanne M. Bicknese, DVM, MS, ELS

Greetings,

The dedication of the new facilities at the Baker Institute in fall 2002 was a milestone in the history of the institution—bringing together committed friends and individuals to celebrate the expansion as well as the tremendous research potential made possible through this physical growth.

As chair of the Institute's Advisory Council, I am pleased with the role the Council has taken to strategically guide efforts to identify new areas of growth and outreach for the Institute. Potential areas of development include renovation of the existing building to help the Institute keep pace with the physical and technological demands of modern research, in addition to the



Dr. Joanne Bicknese (BS '76, DVM '78) has left a lasting mark on the campus of the Baker Institute. Her generous gift of two memorial benches, one honoring her cats Micki, Jacqui, Renee, RedMan, and Munchie, and the other, her dogs Marti, Bruni, Hank, Gator, and Gracie, border the Baker Legacy Walk near the entrance to the Thaw Charitable Trust Lecture Theater.



# Leaders in Their Field: 2002 Institute Awards

## The Arthur F. North, Jr. Canine Service Award

The North Award—established in 1982 by friends of the late Arthur F. North, a 1935 graduate of Cornell's College of Veterinary Medicine—recognizes those whose contributions to the improvement of animal health and well-being reflect Dr. North's spirit of concern for all animals.



Baker Institute Advisory Council members Mary Sloane (l) and Judy Wilpon (r) accept the 2002 North Award.

Mrs. Mary Sloane (BA '71) and Mrs. Judy Wilpon were named co-recipients of the Baker Institute's 2002 Arthur F. North, Jr. Canine Service Award. Both women are members of the Baker Institute's Advisory Council and were recognized for their contributions to the Black Tie & Tails gala fundraiser held in fall 2002 benefiting the Baker Institute and the Cornell College of Veterinary Medicine. Mrs. Sloane served as an event co-chair and Mrs. Wilpon served as an honorary co-chair. (For details on the event, see next page.)

Devoted dog enthusiasts, both Mrs. Sloane and Mrs. Wilpon are the proud owners of golden retrievers and are involved in activities on behalf of animal welfare and concern in their communities.

## The Founders' Award

The Founders' Award is given annually to a veterinarian whose contributions to the veterinary profession as an enlightened practitioner and an advocate of Institute research exemplify the commitment of our founders to the advancement of veterinary medicine.



Dr. Hank Travis (l) accepts the 2002 Founders' Award.

Dr. Henry (Hank) Travis (BS '70, DVM '74) was named recipient of the 2002 Founders' Award. Former chair of the Institute's Advisory Council, he is a veterinary practitioner at the Fort Hill Animal Hospital in Huntington, New York, and a longstanding contributor on behalf of his clients to the Institute's Memorial Gift program.

Dr. Travis has been an active supporter of the Baker Institute, most recently providing valuable leadership for the building campaign. On the dedication of the Institute's new building, he remarked, "I strongly believe this will make a great organization even better. It will enable the current staff members to better pursue their scientific dreams and aspirations."



## The Order of the Labrador

Advisory Council member Robert Shope '51, MD '54 (r) accepts the 2002 Order of the Labrador Award from Institute faculty Drs. Colin Parrish and Judy Appleton at the annual Council dinner, held in conjunction with the dedication of the new building. The lifetime service award was conferred in recognition of Dr. Shope's contributions to tropical infectious disease research, particularly in the field of virology. Dr. Shope serves as professor of pathology in the Center for Tropical Diseases at the University of Texas Medical Branch in Galveston, Texas.

For a complete listing of previous Institute award recipients, visit [http://bakerinstitute.vet.cornell.edu/gift/g\\_awards.htm](http://bakerinstitute.vet.cornell.edu/gift/g_awards.htm).



## Black Tie & Tails a Success



BTT co-chairs (l to r) Mary and Dean Sloane, Elizabeth (DVM '95) and Charles Lynch, and JoAnn and Randy Little.

The Pierre Hotel in New York City was the elegant setting on September 23, 2002, for Black Tie & Tails, a gala benefiting both the Cornell College of Veterinary Medicine and the Baker Institute for Animal Health. The event, a first-ever for both institutions, drew new and familiar friends and families to a celebration of the animal-human bond and raised \$675,000 in support of the Institute's research programs and the College's oncology program.

An extraordinary corps of volunteers helped conceive, plan, and carry out the innumerable details involved for the gala evening, including event co-chairs Mary and Dean Sloane (Mrs. Sloane originally proposed the event), JoAnn and Randy Little, and Elizabeth (DVM '95) and Charles

Lynch and honorary chairs Judy Wilpon and Austin Kiplinger. Also providing key support to the event and its overall success on behalf of the Baker Institute was Advisory Council member Mrs. Darlene Klein.



Judy Wilpon's retriever, Lefty, entertains guests and enjoys a break with the band.

In addition to dinner and dancing, the evening included both silent and live auctions. Highlighting the event was the Tribute Walk, where Cornell recognized the work of 12 service organizations that promote the human-animal bond. Large panels depicting the purpose of each organization were stationed along the walkway. Representatives of those organizations—both human and animal—were on-hand to greet guests and tell their stories.

"This was a wonderful collaboration for the Baker Institute and the College of Veterinary Medicine," says Institute director Doug Antczak. "Black Tie & Tails provided a first-class opportunity to showcase our research programs and our faculty to an interested group of people, whom we hope will become longtime friends of our respective institutions and our work on behalf of companion animal health."



Baker Advisory Council member and honorary BTT chair Judy Wilpon with her dog, Lefty.

**BLACK TIE**  
*& tails*  
A benefit for Cornell University College of Veterinary Medicine



## New Laboratory Named for Albert Bostwick Foundation



Drs. George Lust and Nancy Burton-Wurster in the Albert C. Bostwick Foundation Laboratory.

A very generous gift received from Baker Institute Advisory Council member Albert Bostwick, on behalf of the Bostwick Foundation, was formally announced at the Institute's 2003 spring Advisory Council meeting held at the Cornell Club in New York City.

In recognition of this important gift to the Institute's Building Fund, the laboratory of Baker researcher Dr. George Lust will be renamed the Albert C. Bostwick Foundation Laboratory. Dr. Lust has devoted his scientific career to the study of canine hip dysplasia, including its cause and prevention. (To learn more about Dr. Lust's research, see p. 28).

The Bostwick Laboratory recognizes the Bostwick family's outstanding legacy of support for the Baker Institute. The Bostwick Foundation was established by Albert's late father, who was an early Institute supporter. In his memory Albert, his mother, Eleanor Bostwick, and his brother, Andrew G. C. Sage II, funded the establishment of the Institute's first molecular biology laboratory, which houses Professor Colin Parrish's studies of canine parvovirus.

## Advisory Council Listing

### **David Behnke**

Senior Vice President  
United States Trust Company of New York  
New York, New York

### **Joanne M. Bicknese, DVM, MS, ELS (Chair)**

Associate Director  
Global Documentation and Dossier Management  
Pharmaceutical Research Institute  
Bristol-Myers Squibb Company  
Princeton, New Jersey

### **Sarah Rockefeller Bogdanovitch**

Assistant Professor of Forestry  
Paul Smiths College  
Paul Smiths, New York

### **Albert C. Bostwick, Jr.**

Aiken, South Carolina

### **Philip B. Carter, PhD**

Professor of Microbiology and Immunology  
College of Veterinary Medicine  
North Carolina State University  
Raleigh, North Carolina

### **Gerald J. Chader, PhD, MD (hc)**

Chief Scientific Officer  
The Foundation Fighting Blindness  
Hunt Valley, Maryland

### **Claire Fraser, PhD**

President and Director  
The Institute for Genomic Research  
Rockville, Maryland

### **Richard P. Henry, DVM**

General Veterinary Practitioner  
Deer Park Animal Hospital  
Deer Park, New York





## Advisory Council Listing continued

**Gerald Hickey, MVB, PhD**

Senior Director, Pharmacology  
Merck Research Laboratories  
Rahway, New Jersey

**William J. Kay, DVM**

Plymouth Meeting, Pennsylvania

**Joseph Kinnarney, DVM**

General Veterinary Practitioner  
Reidsville Veterinary Hospital, Inc.  
Reidsville, North Carolina

**Darlene Klein**

Ithaca, New York

**Robert R. Marshak, DVM, DVM (hc)**

Dean Emeritus  
School of Veterinary Medicine  
University of Pennsylvania

**Frederick A. Murphy, DVM, PhD, MD (hc)**

Professor  
Department of Pathology, Microbiology, and  
Immunology  
School of Veterinary Medicine  
University of California, Davis

**Roy V. H. Pollock, DVM, PhD (Vice Chair)**

President and CEO  
Fort Hill Company  
Montchanin, Delaware

**Gene M. Pranzo, Esq.**

President  
Dorothy Russell Havemeyer Foundation, Inc.  
New York, New York

**Andrew G. C. Sage II**

Wilson, Wyoming

**Sara Sanders, DVM**

General Veterinary Practitioner  
Clark Animal Care Center  
Penfield, New York

**Robert E. Shope, MD**

Professor of Pathology  
Center for Tropical Diseases  
University of Texas Medical Branch, Galveston

**Mary Sloane**

The 12 Paws Group, L.L.C.  
Weston, Connecticut

**Dina B. Tresnan, DVM, PhD**

Project Leader  
Pfizer Global Research and  
Development  
Groton, Connecticut

**Judith Wilpon**

Lattingtown, New York

**Jan A. Witkowski, PhD**

Director, Banbury Center  
Cold Spring Harbor Laboratory  
Cold Spring Harbor, New York



In the mid-1950s Geraldine R. Dodge funded the establishment of the world's first tissue-culture laboratory for veterinary use at the Baker Institute. This technological advance made it possible to cultivate a host-specific organism like infectious hepatitis without infecting dogs, and to attenuate, or weaken, the live viruses over time in culture, thereby greatly improving the predictability and safety of vaccines.



# BAKER INSTITUTE DEDICATES NEW BUILDING IN 2002



On November 1, 2002, the Baker Institute celebrated the official dedication of its new \$12.5 million facilities, including a two-story contemporary laboratory building and the handsome Thaw Charitable Trust Lecture Theater (see p. 10). The 40,000-square-foot building houses 10 spacious laboratory suites with office space, tissue-culture rooms, and core space for high-tech microscopy work and offers inspiring views of the surrounding landscape.

The dedication of the new building was a his-

toric day for the Institute. A number of Cornell officials visited the Baker campus, including President Emeritus Hunter R. Rawlings III, Board of Trustees chairman Peter Meinig, and a diverse group of Cornell friends and supporters.

The event was attended by several hundred visitors who enjoyed tours of the new laboratory spaces led by Institute staff. The day ended on a celebratory note with the annual dinner for members of the Institute Advisory Council, who were joined by Institute faculty and researchers and friends and alumni.

"I am elated that our building has finally come to fruition," says Dr. Henry J. Travis, former chair of the Baker Institute Advisory Council and recipient of the Institute's 2002 Founders' Award. "I strongly believe this will make a great organization even better. It will enable the current staff members to better pursue their scientific dreams and aspirations, while helping the Baker Institute to attract keen new minds. This is what is needed to keep us competitive in today's society."



The Baker Institute expands its campus with the addition of a new laboratory building and lecture theater.



*"One characteristic of a successful organization is its ability to evolve over time and remain vibrant and relevant to society. The Baker Institute has shown a great capacity to do just that. With the dedication of these facilities, we believe that we have a bright future."*

—Institute Director Doug Antczak



Cornell President Emeritus Hunter Rawlings addressed a standing-room-only crowd of Baker Institute friends and supporters gathered for the new building dedication in November 2002.



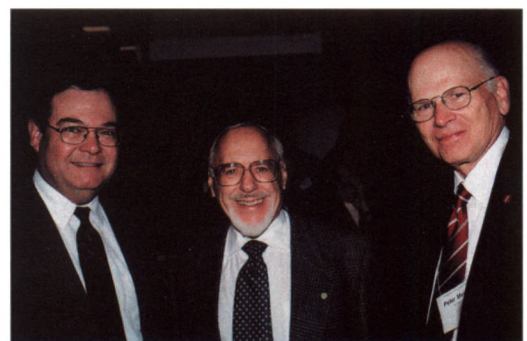
Nicholas Thaw, son of Eugene and Clare Thaw (center), joins (from l to r) President Emeritus Hunter Rawlings, Institute director Doug Antczak, Dean Donald Smith, and building architect William Gaudreau at the building dedication held in the Thaw Lecture Theater.



President Emeritus Hunter Rawlings, Baker Advisory Council chair Joanne Bicknese, and Dean Donald Smith join Baker beagle, Cheyenne, whose paws helped "break ground" for the Institute's construction project in 2001.



Knight Kiplinger, Mr. and Mrs. Larry (Jennifer Engel) Young, and trustee Ezra Cornell join Director Doug Antczak in the new laboratories.



Dean Donald Smith, Dr. Harold Zweighaft, DVM '56, and Peter Meinig, chairman of the Cornell University Board of Trustees



# Thaw Charitable Trust Provides Lecture Theater



The Thaw Charitable Trust Lecture Theater provides a prominent new public space on the Baker campus for scientific meetings and conferences.

The Thaw Charitable Trust Lecture Theater—a stunning architectural landmark of the Baker Institute’s building project—was the site for the formal dedication ceremony of the new building in fall 2002.

The impressive space, which includes an elegant lobby and state-of-the-art lecture theater, was made possible through the generosity of Eugene and Clare Thaw and the Eugene V. and Clare E. Thaw Charitable Trust in Santa Fe, New Mexico.

Best known for its avid support of the arts and a number of animal welfare organizations in the western United States, the Thaw Charitable Trust established the Thaw Conference Fund at the Baker Institute in 1986. The substantial leadership gift made by the Thaw Trust toward the construction of the Institute’s new lecture theater builds on the committed support of the Thaw Charitable Trust to the Baker Institute and the ongoing success of the Institute’s veterinary conferences and symposia.

The Thaw Charitable Trust Lecture Theater provides an on-site venue for scientific colloquia and meetings, student seminars, and a multitude of educational outreach programs. Since its dedication, a number of public events have been hosted in the lecture theater, including the Institute’s

lunch-time scientific seminar series and meetings for area kennel and breed clubs. In June 2003, the Thaw Lecture Theater served as the primary venue for an international conference on genomic applications to equine immunity convened by the Dorothy Russell Havemeyer Foundation, Inc.

## Take a Seat: Lecture Theater Campaign

Individual lecture seats in the auditorium of the Thaw Charitable Trust Lecture Theater are available for sponsorship. The blue-cushioned seats with their distinctive custom nameplates provide a lasting tribute that visitors to the Baker Institute will appreciate and notice for generations to come. Nameplates are available for inscription, in honor or memory of a beloved companion animal or friend, for \$2,000 each.

To date, more than one-quarter of the theater’s 100 seats have been reserved—many by participating veterinarians in the Baker Institute’s Memorial Gift Program. To learn more about the Baker lecture seat campaign or other naming opportunities at the Institute, contact Ms. Amy Gush at (607) 256-5661 or via e-mail at [adg25@cornell.edu](mailto:adg25@cornell.edu).





*"I think dogs are the most amazing creatures; they give unconditional love.  
For me they are the role model for being alive."*

—Gilda Radner

## Lecture Seat Sponsorships

Lecture seats have been generously sponsored in the names of the following people (as of 12/31/02):

Douglas F. Antczak, PhD, VMD  
Baker Faculty  
*In memory of Francis A. Antczak, DMD*

Judith Appleton, MS, PhD, and  
Donald Schlafer, DVM, PhD  
Baker Faculty and College Faculty  
*James and JoAnna Appleton*

Harvey S. Atlas, DVM  
Participant, Memorial Gift Program  
*Sandra and Harvey Atlas*

Philip B. Carter, PhD  
Baker Advisory Council  
*Philip B. Carter, PhD*

Jean and Eugene Ceglowski, DVM  
Participants, Memorial Gift Program  
*Jean Ceglowski, DVM '67, and Eugene  
Ceglowski, DVM '67*

Harold J. Cummings, DVM  
Baker Donor  
*Dr. Harold J. Cummings*

G. Clayton Dudley, DVM  
Participant, Memorial Gift Program  
*Clayton and Georgia Dudley*

Mr. and Mrs. George D. Edwards  
Baker Donors  
*In Memory of Dr. and Mrs. Charles E.  
Fletcher*

Mrs. Jane V. Engel  
Baker Donor  
*In Honor of Jennifer Engel Young*

Claire G. Engle '53  
Baker Donor  
*In Memory of Joseph B. Engle, DVM '26*

Alan Ferber, DVM  
Participant, Memorial Gift Program  
*R. Ferber '39      L. Ferber '43  
A. Ferber '70      M. Ferber '96*

Robert Ferber, DVM  
Participant, Memorial Gift Program  
*In Memory of My Wife Ruth  
Robert Ferber, DVM '39*

Francis H. Fox, DVM  
Baker Donor  
*In Honor of Francis H. Fox, DVM '45*

Ferris G. Gorra, DVM  
Participant, Memorial Gift Program  
*Ferris G. Gorra, DVM '67*

John A. Hauge, DVM  
Participant, Memorial Gift Program  
*Dr. and Mrs. John A. Hauge*

Richard P. Henry, DVM  
Baker Advisory Council  
Participant, Memorial Gift Program  
*Richard P. Henry, DVM '68*

Gary W. Johnson, DVM  
Participant, Memorial Gift Program  
*Gary W. Johnson*

William J. Kay, DVM  
Baker Advisory Council  
*William J. Kay, DVM  
Nancy O. Brown, VMD*

Donna M. Manderino, DVM  
Participant, Memorial Gift Program  
*Dr. Donna and Mr. Louis  
Manderino*

Lawrence C. Mauer, DVM  
Participant, Memorial Gift Program  
*Lawrence C. Mauer, DVM '70*

Philip R. Reilly, BA '69, MD, JD  
Baker Donor  
*In Honor of Lorraine Tallman Kelly*

Mary and Dean Sloane  
Baker Advisory Council  
*In Honor of Joshua P. Shepard*

Jonathan P. Walker, DVM  
Participant, Memorial Gift Program  
*Jonathan Walker '67*

Mr. and Mrs. W. Weldon Wilson  
Baker Donor  
*In Memory of Our Darling Andy*

Walter W. Zent, DVM  
Baker Donor  
*Walter Zent, DVM '63*

Harold M. Zweighaft, DVM  
Participant, Memorial Gift Program  
*Harold M. Zweighaft, DVM '56*



Former Baker Institute development director Bonnie Baker (center) receives a framed print by Ithaca artist Susan Titus from Baker Advisory Council chair Joanne Bicknese (pictured with Institute director Doug Antczak). The farewell gift was presented at the Institute's annual Advisory Council dinner in fall 2002 in recognition of Ms. Baker's fund-raising efforts for the Institute, including her leadership role with the building campaign.



# NEW FACULTY AT THE BAKER INSTITUTE

## From New Cures for Infectious Diseases to Cancer Treatment: In Search of Viral Pathways

**John Parker, BVMD, PhD**, is no stranger to the Cornell campus or the Baker Institute. Parker refined his early research interests as a postdoctoral student working in the laboratory of Colin Parrish, professor of virology at the Baker Institute, assisting his studies of canine parvovirus.

Parker says his entry into veterinary medicine was partly a rebellion to following in his grandfather's and father's footsteps as a medical doctor. He grew up with animals and had an early interest in science and this led to his interest in veterinary medicine.

Originally from Scotland, Parker graduated from Glasgow University and was a practicing veterinarian in Australia for ten years before deciding to continue his scientific studies in virology. After working briefly as a consultant at the Cornell Feline Health Center in 1993, he accepted a post as a graduate research assistant in Parrish's laboratory, where he continued as a postdoctoral fellow after completing his PhD in 1999.

Most recently, Parker worked alongside renowned virologist Max Nibert as a postdoctoral research fellow in the Department of Microbiology and Molecular Genetics at Harvard Medical School before

returning to the Institute in early 2003 as a new faculty member.

While at Harvard, Parker developed his particular interest in reoviruses, one of the most studied viral model systems for understanding basic questions regarding the cellular pathology

of viral infection.

His research addresses how the double-stranded RNA reoviruses (a naturally occurring virus believed to cause mild infections of the upper respiratory and gastrointestinal tract in humans and many animals) replicate and assemble within

the cytoplasm, the area between the cell membrane and the nuclear envelope, of infected cells.

Cells infected with reoviruses have large inclusions within their cytoplasm. These inclusions, or "viral factories," says Parker, are the sites of new viral particle assembly and transcription of the viral genome. Parker has done seminal work to reveal how viral factories assemble and interact with the cytoskeleton of infected cells, identifying two viral proteins sufficient to form the matrix or infrastructure of the factories.

Parker is particularly interested in the development of reoviruses as potential new treatment

*"In private practice, I did what I could to treat the animal and it either got better or it didn't. Often you didn't know why and that was frustrating."*

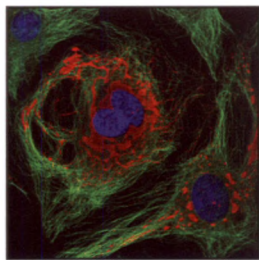
—Dr. John Parker

modalities for cancer in both animals and humans. His work builds on research conducted by Canadian scientists in the late 90s who discovered that mammalian reoviruses infect and kill cancer cells without affecting normal cells in mice. Parker is hoping to expand the virus' ability to target cancer cells, destroying them preferentially over non-cancerous cells, in companion animals and potentially humans.

"People who say there is no creativity in science are wrong," says Parker. "The creativity comes at the point you have to imagine the hypothesis. You take one set of facts and a question; then you imagine a potential answer to the question; and finally, you design experiments to test if your answer is correct or not."



Dr. John Parker, assistant professor of virology





*"Research is formalized curiosity. It is poking and prying with a purpose."*

—Zora Neale Hurston

## From Reproductive Research to Applied Technologies: Conserving Species for the Next Generation

In addition to being a scientist studying reproductive biology, **Alexander Travis, VMD, PhD**, describes himself as a veterinarian with a passion for wildlife conservation. His interest in animals prompted a course of scientific study that has embraced topics ranging from ecology and field biology to wildlife conservation and cellular biology.

Prior to his arrival at the Baker Institute in December 2002, Travis was at the University of Pennsylvania, where he served most recently as a research associate at the Center for Research on Reproduction and Women's Health. While there, the National Institutes of Health awarded Travis a highly competitive five-year Special Emphasis Research Career Award, which he is now completing at the Institute.

"My laboratory investigates the fascinating biology of male germ cells," says Travis. "For life to be transmitted from one generation to the next, the male germ cell must undergo a complex process of differentiation within the male as it becomes a sperm, and then mature functionally within the female reproductive tract during a process

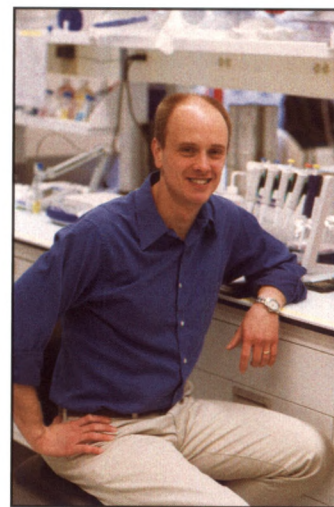
known as capacitation."

Despite the germ cell's importance, Travis says remarkably little is known about many aspects of its biology at either the cellular or molecular level. "We know some of the external

stimuli and some of the functional changes that are needed for the sperm to fertilize, but how you link those things is completely unknown." One area of research in his laboratory is, therefore, to identify precisely how these stimuli affect signaling and metabolic pathways in sperm.

Key to Travis' efforts has been his identification in sperm of specific membrane sub-domains, known as "lipid rafts," which act to organize signaling pathways. "The sperm have to experience changes in both the head and the tail before they acquire the ability to fertilize. These rafts might be coordinating how the cells do that," he says.

Travis is translating his work to applied technologies, including methods to preserve spermatogonial stem cells, which can replenish themselves on a renewable basis, and testis grafting to preserve the genetics of endangered species. Such innovative techniques can be used to improve agriculture and pharmaceutical production. There are potential applications to



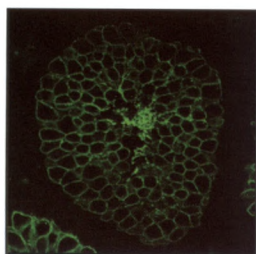
Dr. Alex Travis, assistant professor of reproductive biology

*"You go into science to do good work and make a difference. The Institute fosters that kind of attitude and ideal."*

—Dr. Alex Travis

human health as well, including hope for young patients with testicular cancer who face infertility at an early age.

Travis says the combination of top-notch basic science and its application for animal health attracted his attention to the Baker Institute. "The Institute has focused on figuring out not only how things work, but also how to use them to promote animal health and make the world a better place."





# ACHIEVEMENTS: RESEARCH HIGHLIGHTS

## In Profile: Research at the Baker Institute

*Research associate bridging two cultures in her study of the silver fox*



Anna Kukekova, research associate

Research Associate Anna Kukekova arrived at the Baker Institute in 1999 to pursue her interest in canine

genetics in the Inherited Eye Disease Studies Unit working with Drs. Greg Acland and Gus Aguirre. While here, Kukekova's focus turned to a project with roots in her homeland of Russia.

In an unparalleled experiment in the Institute of Cytology and Genetics (ICG) of the Russian Academy of Sciences, under the direction of Dmitry Belyaev and Lyudmila Trut, a strain of silver foxes with behavioral patterns similar to the domestic dog has been developed as a result of four decades of selective breeding for tame behavior. Tame foxes demonstrate emotionally friendly responses to humans from one month of age; they eagerly establish human contact and whimper to attract attention, sniffing and licking like dogs. In contrast, breeding the foxes for wild type behavior led to the development of a population of aggressive and difficult-to-handle animals.

Because these genetically determined behavioral differences segregate in very large pedigrees of a single species, Kukekova says they offer an unprecedented opportunity to map and identify the genes responsible. The speed with which the tame fox population has occurred suggests that selection in these foxes may be acting on a few genetic loci that control development of the behavioral phenotype.

Kukekova first learned of the historic fox experiment while an undergraduate at St. Petersburg State University in Russia. In 2001, an article in the journal *Nature*, describing the plight of the colony if additional resources were not identified, captured her interest.

Kukekova contacted Trut, and together they developed a plan to maintain the program and initiate a complex genetic study of tame and aggressive fox behavioral phenotypes. A year later they received a grant from the North Atlantic Treaty Organization. Most recently, Kukekova applied to the National Institutes of Health and National Alliance for Autism Research to secure funds. The project involves researchers in Russia and the United States, including canine geneticists at Cornell and the University of Utah.

"The study has several big attractions for Anna, including her interest in canine genetics and her Russian background," says Acland. "It's a terrific match of both her professional and personal interests."

As a result of her collaboration with the ICG, Kukekova is gathering valuable genetic data to assist with mapping the fox genome as well as the genes for tame and aggressive behavior.

Kukekova has traveled to Russia to visit the fox colony several times since starting her study, carrying a digital camera to record her observations. The images are converted to movie clips, enabling Institute researchers located a continent away to view the behavioral traits of the colony. These clips are helping to establish a visual archive and preserve the diversity of genetic information for future studies.

To learn more, visit: <http://cbsu.tc.cornell.edu/ccgr/behaviour/index.html>.



# Visiting Scholars and Scientists Bring Global Perspective to Institute

In 2002, the following individuals furthered their research studies at the Baker Institute as visiting scholars and scientists from their respective institutions.



Visiting scholars at the Baker Institute in 2002 (from l to r): Drs. Naoki Miura, John Randolph, Bettina Wagner, and Dorothy Ainsworth

## Dorothy Ainsworth, DVM, PhD

Visiting Scientist

Dr. Dorothy Ainsworth spent a sabbatical leave in Dr. Antczak's equine immunology laboratory in 2002. She is a professor of medicine in the Large Animal Medicine section in the Cornell University Hospital for Animals. Dr. Ainsworth is a specialist in lung disease of the horse; her research has involved immunological aspects of allergic respiratory reactions in horses, a condition commonly known as "heaves." Since the beginning of her collaboration with the Baker Institute, Dr. Ainsworth has obtained a national USDA research grant and a senior fellowship from the National Institutes of Health.

"As a clinician, it is extremely difficult to stay abreast of the basic science fields as well as the recent developments in clinical medicine. Having a collaboration of this nature allows a sharing of knowledge and techniques that ultimately helps to advance the field of veterinary medicine," says Ainsworth.

## Naoki Miura, DVM, PhD

Postdoctoral Fellow

Dr. Naoki Miura, a visiting scholar from Japan where he received his veterinary degree and served as a postdoctoral research fellow at

Kagoshima University, began his work with Dr. James MacLeod in the Laboratory of Cellular Growth and Differentiation to further their studies of joint disease, particularly in racehorses. His primary focus is determining whether fibronectin, a fundamental component of cartilage, can be used diagnostically as a biomarker of osteoarthritis.

Naoki and his family relocated to the University of Kentucky with Dr. MacLeod in May 2003, where he is continuing his cartilage studies as a postdoctoral scholar.

"I felt very comfortable pursuing my research experiments at the Baker Institute because of the wonderful working environment," says Miura. "I was able to concentrate on my scientific experiments and look forward to new results every day."

## John Randolph, DVM

Visiting Scientist

Dr. John Randolph initiated his sabbatical leave year in fall 2002 in Dr. James MacLeod's laboratory. He is a professor of medicine in the Small Animal Medicine section in the Cornell University Hospital for Animals, and has long-standing interests in endocrinology and kidney disease. An important component of chronic renal failure is

*"My time at the Baker Institute has provided me with an outstanding learning experience that has enabled me to grow as a research scientist."*

—Dr. John Randolph, Visiting Scientist, Baker Institute

anemia brought about by the lack of the hormone erythropoietin, which is produced by the kidney and which acts on the bone marrow to increase red blood cell production.

continued on next page



## Visiting Scholars continued

Drs. Randolph and MacLeod have formed an outstanding basic scientist-clinician partnership in developing recombinant biological engineered erythropoietin for use in cats and dogs. It is hoped that these products will be widely available in the future.

"This type of collaboration allowed each of us to contribute from our area of specialization while learning from the talents of the other, and resulted in the development of a therapy to improve the health and welfare of companion animals," says Randolph.

### Bettina Wagner, VMD

Visiting Professor

Dr. Bettina Wagner is a visiting professor from the School of Veterinary Medicine in Hannover, Germany, and became a vital member of Institute director Doug Antczak's equine immunology laboratory in 2002. During her tenure at the Institute, Dr. Wagner has been focusing on research closely related to allergy and its basic mechanism. In particular, she has worked on the expression of rare antibodies in the horse to further her investigations of equine allergic diseases, such as heaves or summer eczema.

"Academic exchange offers new possibilities and experiences. The contacts and collaborations resulting from a sabbatical or other types of exchanges are important, even after the exchange program," says Wagner. "This is especially true in the relatively small field of veterinary immunology, where only a few people around the world are working on related projects. Academic collaboration is necessary to make research more efficient."

## Briefs

### SECRETS OF THE SEQUENCE



### Baker Institute Featured in National Public Television Series

The Baker Institute and its groundbreaking research in the field of animal genetics were featured in two episodes of a newly created public television series, *Secrets of the Sequence*, launched in 2002. The weekly television series explores current discoveries in the life sciences. These continuing programs, which air on public television stations nationwide, are designed to bring viewers up to speed on the astounding discoveries emerging every day from laboratories around the world.

*Secrets of the Sequence* episode 114 on "Pet Genetics" featured Baker Institute faculty member Dr. Gus Aguirre and his work with genetic eye diseases in dogs, along with Dr. George Lust and his career study of canine hip dysplasia. Episode 117 on "Animal Ancestry" featured Baker Institute director Doug Antczak and his research advances with the horse genome project and contributions to the field of equine medicine.

To learn more about the television series or to order a copy of the featured episodes, visit <http://www.wardtv.com/sequence1.htm>.



## Briefs continued

### Baker Institute hosts student summer researchers

Each year the Baker Institute is host to undergraduate and veterinary students who spend their summers learning what it is like to be a research scientist in a veterinary medical environment. The students come from Cornell, of course, but also from universities all across the globe to work side-by-side with Baker Institute faculty, staff, and graduate students. The summer students compete for positions as Cornell Presidential Research Scholars and Havemeyer Foundation Summer Fellows or for places in the Cornell Veterinary College Leadership Program. All three of these programs are highly competitive, and the students are motivated to make the most of their short stays at the Institute. Participants in these programs are highly likely to continue in careers in biomedical research, many of them in veterinary medicine, and some of the program graduates are already beginning to make a mark in their chosen professions. The Institute is fortunate to enjoy the support of the programs that make these formative student experiences possible.



Visiting students at the Baker Institute in summer 2002 (back row, from l to r): Jackie Fremont, Barbara Taennler, Kathleen Bonawandt, Steven Laing, Catherine Wood, and Jean-Yin Tan; (front row, from l to r): Anne Lo, Janee Carr, Michael Mienaltowski, and Debdut Biswas. Not pictured: Justin Brucker, Beth Forrestel, Anna Hochstedler, Beth Pellegrini, and Jeremy Sykes.

### Baker Institute Hosts Renowned Reproductive Expert Roger Short



Director Doug Antczak (l) visits with world-renowned scientists Roger Short, a reproductive physiologist, and primatologist Jane Goodall during their visit to the Cornell campus in spring 2002 as A.D. White Professors-at-Large. Dr. Short, Wexler Professorial Fellow in the Department of Obstetrics and Gynecology at the Royal Women's Hospital, University of Melbourne, was a distinguished visiting scientist at the Baker Institute during his Cornell stay and spoke on his lifelong research studies in the field of reproduction.

### Degrees Conferred

In 2002, the following individuals earned their doctoral degrees from Cornell while conducting research in Baker Institute laboratories:

#### **Hao Chen (faculty advisor: James MacLeod), conferred May 2002**

Title: "Biochemical and Functional Properties of the Cartilage-Specific (V+C)- Fibronectin Isoform"  
Current position: Postdoctoral Research Fellow, Department of Developmental Biology, Stanford University, Palo Alto, California

#### **Julia Flaminio (faculty advisor: Doug Antczak), conferred August 2002**

Title: "Modulation of the Equine Maternal Immune System by Trophoblast Cells"  
Current position: Assistant Professor of Medicine, Large Animal Medicine, Department of Clinical Sciences, College of Veterinary Medicine, Cornell University

#### **Rina Gendelman (faculty advisor: George Lust), conferred May 2002**

Title: "In Search of Function for Cartilage-Specific (V+C)- Fibronectin Isoform"  
Current position: Senior Scientist, Gene Network Sciences, Ithaca, New York



# IN OUR LABORATORIES: FACULTY AT THE BAKER INSTITUTE

## Greg Acland, BVSc

Senior Research Associate

Research Profile



Dr. Greg Acland is focused on providing improved eye-sight to dogs suffering from hereditary disorders that affect the eye through genetic study. His studies of canine ocular disorders are conducted in partnership with Dr. Gus Aguirre (see pp. 20–21) in

the Inherited Eye Disease Studies Unit at the Baker Institute.

The aim of the research is to develop genetic tests that can identify carriers and affected dogs before they are bred and test potential therapies for canine hereditary retinal disorders. The work is of importance to breeders worldwide, as recessive genes in popular dog lines can become embedded in a breed very quickly and are difficult to eliminate.

Dr. Acland works closely with Dr. Aguirre to develop DNA-based tests for the rod-cone dysplasia 1 form of progressive retinal atrophy in a number of dog breeds. For example, his efforts with the Collie Eye Anomaly (CEA) research project have provided benefit to collies and their owners. CEA is a disorder of the deep structures of the eye that affects collie breeds around the

world and occurs commonly in the Border collie, rough collie, smooth collie, and Shetland sheepdog.

Since 1989, Dr. Acland also has served as director of the Retinal Disease Studies Facility in the New Bolton Center at the University of Pennsylvania's School of Veterinary Medicine in Philadelphia. This location is where Dr. Acland, working with Dr. Aguirre and fellow project collaborators onsite, has assisted much of the ongoing research with Lancelot, the Briard dog that gained international fame after having his sight restored as a puppy through the use of gene therapy (see sidebar).

Groundbreaking studies such as these are instrumental in sustaining research to benefit canine eye health and provide hope for a brighter tomorrow for dogs everywhere.

To learn more about Dr. Acland's research, visit [http://bakerinstitute.vet.cornell.edu/research/acland/r\\_gen\\_dev\\_acland.htm](http://bakerinstitute.vet.cornell.edu/research/acland/r_gen_dev_acland.htm)

### Laboratory Highlights in 2002:

Dr. Greg Acland, joined by Dr. Gus Aguirre and members of their laboratory in the Inherited Eye Disease Studies Unit, presented nine papers on varying topics outlining their recent advances in gene therapy and eye-related research at the annual meeting of the Association for Research and Vision in Ophthalmology, the preeminent international eye research meeting, held in Fort Lauderdale, Florida, in May.



*"We have shown that gene therapy can restore vision in dogs with one of the most clinically severe retinal degenerations."*

—Greg Acland

### Research Awards Active in 2002:

"Models of Hereditary Retinal Degeneration"  
(Principal Investigator)  
(Gus Aguirre, Co-Investigator)  
Sponsor: NIH<sup>1</sup>-NEI<sup>2</sup>

"Gene Therapy for Leber Congenital Amaurosis"  
(Principal Investigator)  
(Gus Aguirre, Co-Investigator)  
Sponsor: NIH - University of Florida consortium agreement

Collaborative Research Agreement  
(Principal Investigator)  
(Gus Aguirre, Co-Principal Investigator)  
Sponsor: The Institute for Genomic Research, Inc.

<sup>1</sup>NIH: National Institutes of Health

<sup>2</sup>NEI: National Eye Institute



Dr. Acland reviews experiment results with research associate Anna Kukekova.



Lancelot

**Lancelot continues to see well, remains model dog for improved eyesight in humans.**

It is a remarkable story of research success: Well over two years after their first gene therapy treatment that made headlines around the world, Lancelot and his Briard littermates continue to see well. The revolutionary gene therapy technique performed in May 2001 that restored sight to these fortunate puppies was made possible through research developed at the Baker Institute in collaboration with researchers at the University of Pennsylvania and the University of Florida.

Objective measurements with electroretinogram tests have revealed no loss of visual function. With the success of this initial experiment, Baker faculty members Drs. Greg Acland and Gus Aguirre and collaborators next tested the treatment in animals from different litters, delaying treatment for up to 11 months. All of the treated dogs experienced visual improvement. These promising results in dogs offer great hope for human sufferers of a similar form of childhood blindness, Leber congenital amaurosis.

In addition to these pre-clinical studies, researchers must produce the vector to be used in humans under stringent Food and Drug Administration (FDA) guidelines.

The focus now, says Dr. Aguirre, is to develop and ensure the safety of the virus that is being put in the eye. To achieve that goal, Drs. Aguirre, Acland, and their collaborators at the University of Pennsylvania and University of Florida met with the FDA and related government agencies in the summer of 2003 to review and implement plans for phase one clinical trials that will be carried out at the University of Pennsylvania.

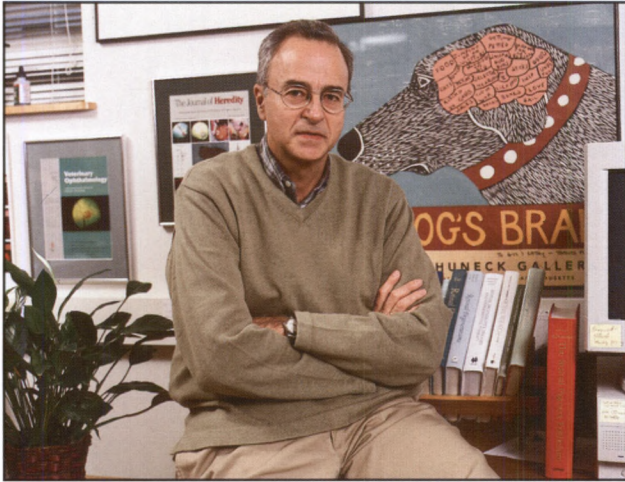
"Assuming there are no unexpected complications with Lancelot and his cohorts, and that what has been injected into their eyes continues to be effective and cause no problems, we hope that within two to three years human patients will be involved in the first phase one clinical trial," says Dr. Aguirre.



# Gus Aguirre, VMD, PhD

Alfred H. Caspary Professor of Ophthalmology

## Research Profile



A 2002 report issued by the National Eye Institute states that “more Americans than ever are facing the threat of blindness from age-related disease.”

Among those affected are the estimated 100,000 people in the United States who currently suffer vision loss and blindness from retinitis pigmentosa (RP)—a group of retinal degenerations inherited in human families. X-linked progressive retinal atrophy (PRA) is one of the most common forms of the disease.

Helping both dogs—and humans—overcome these devastating retinal disorders is Dr. Gus Aguirre with the Inherited Eye Disease Studies Unit. Dr. Aguirre and researchers in his laboratory are pursuing multiple projects related to the inheritance of retinal degeneration in dogs, humans, and other mammals.

A primary focus is to identify the genes and locate the mutations associated with several separately inherited forms of PRA, a significant disease of dogs that is the equivalent of the devastating disease RP in humans. X-linked RP is one of the major causes of human retinal blindness.

In 2002, major advances in Dr. Aguirre’s laboratory were made involving several dog breeds, including the Siberian husky and the Samoyed as well as the English mastiff. These new insights provide a valuable new animal “model” for

studying causes and testing treatments for inherited human blindness.

In particular, the English mastiff, a breed that sometimes carries the gene defect for PRA, has been revealed as a key animal model to help explain RP in humans. The dogs can be used to test possible therapies for the disease, according to Dr. Aguirre and his Baker colleagues along with researchers at the University of Pennsylvania’s Scheie Eye Institute. The findings were reported in the *Proceedings of the National Academy of Sciences* (2002, Vol. 99, No. 9).

One result of the discovery is a genetic screening test to help breeders eliminate the defective gene from their lines of the purebred dogs. Studies are continuing on dogs with the defective gene (the RHO gene) to determine what non-genetic or environmental factors influence the disease’s progression. Such information will help researchers design treatments to halt, reverse, or even prevent some RP blindness in humans—experimental therapies that may prove helpful to both man and the dog.

In a related study, the discovery of the two different mutations for X-linked progressive retinal atrophy (XLPR1 and XLPR2) in dogs, as reported in *Human Molecular Genetics* (2002, Vol. 11, No. 9), will provide new gene-screening tests for dogs and aid in the detection of disease-prone animals in dog breeding programs. Both XLPR1 and XLPR2 are part of the PRA family of inherited retinal degenerations in dogs.

The disease XLPR1 is present in both the Siberian husky and Samoyed breeds, and the mutations are the same, suggesting that the mutation may have been present in a common canine ancestor before the two breeds developed.

Another important discovery for Dr. Aguirre, along with Drs. Acland and D. J. Sidjanin in his laboratory, was the identification of the gene and mutation responsible for achromatopsia—or cone degeneration—in the dog (as reported in *Human*



*"These advancements in gene therapy hold tremendous promise for application in treating both dogs and humans who suffer from devastating eye diseases."*

—Gus Aguirre

*Molecular Genetics*, 2002, Vol. 11, No. 16). Achromatopsia is a reference to the total absence of color vision that accompanies the condition in the dog and man. The discovery—the result of a career study on Dr. Aguirre's part to track the gene—represents one of the most fascinating genetic parallels of man and dog, an inherited day-blindness that strikes Alaskan malamutes and a group of Pacific Islanders called the Pingelapese. (The human condition and plight of the Pingelapese was documented in acclaimed neurologist and former Cornell A. D. White Professor Oliver Sacks' book, *The Island of the Colorblind*.)

To learn more about Dr. Aguirre's research, visit [http://bakerinstitute.vet.cornell.edu/research/aguirre/r\\_gen\\_dev\\_aguirre.htm](http://bakerinstitute.vet.cornell.edu/research/aguirre/r_gen_dev_aguirre.htm)

### Laboratory Highlights in 2002:

Drs. Barbara Zangerl and Anna Kukekova in the Inherited Eye Disease Studies Unit were promoted from postdoctoral associates to research associates.

In April, Dr. Aguirre spoke on the "Relevant Animal Models for Establishing Pre-Clinical Efficacy and Safety for RP and Juvenile Macular Degeneration," in Paris, France.

He presented a guest lecture on "Inherited Retinal Diseases in Dogs" at the Advances in Canine and Feline Genomics Conference held in St. Louis, Missouri, in May.

In July, Dr. Aguirre traveled to Toronto, Canada, where he presented two guest lectures, "Models, Mutants, and Man: Genetic and Genomic Studies of the Canine Models of Inherited Retinal Degeneration," and "Experimental Approaches for the Treatment of Retinal Degenerative Diseases," at the Hospital for Sick Children, where he also was named the Lloyd Morgan Visiting Professor.

Dr. Aguirre spoke on "Gene Therapy in the Canine Model of Leber Congenital Amaurosis" at the World Congress of Retina International held in Chiba, Japan, in August.

He presented a keynote lecture, "From the Bench to the Bedside: Experimental Approaches for the Treatment of Retinal Degenerations," at an inter-

national conference on Treatment Strategies for Retinal Degeneration held in Lund, Sweden, in September.

### Research Awards Active in 2002:

"Search for Novel Genes and Mutations in the RP3 Interval"  
(Principal Investigator)  
Sponsor: NIH<sup>1</sup>-NEI<sup>2</sup>

"ERG Equipment for Dog Colony"  
(Principal Investigator)  
Sponsor: Foundation Fighting Blindness

"Molecular Genetic Studies of Canine Progressive Retinal Atrophy" (Principal Investigator)  
(Greg Acland, Duska Sidjanin, Co-Investigators)  
Sponsor: Morris Animal Foundation

"Identification of the Gene Mutations Responsible for Canine Cone-Rod Dystrophies and Development of DNA-Based Diagnostics"  
(Principal Investigator)  
Sponsor: Cornell Center for Advanced Technology

"Developing Canine Models of adRP, arRP, and XLRP" (Principal Investigator)  
Sponsor: Foundation Fighting Blindness

"The Foundation Fighting Blindness Pre-Clinical Medical Therapy Evaluation Center (Cornell Module)" (Principal Investigator)  
(Greg Acland, Co-Principal Investigator)  
Sponsor: Foundation Fighting Blindness

**Linda Hunter (Mentor: Gus Aguirre)**  
"Molecular Studies of a Novel Canine Cataract Model"  
Sponsor/Division: NIH<sup>1</sup>-NEI<sup>2</sup>

**Duska Sidjanin (Aguirre Laboratory)**  
"Molecular Studies of Hereditary Cataracts in Golden and Labrador Retrievers"  
(Principal Investigator)  
(Greg Acland, Gus Aguirre, Co-Investigators)  
Sponsor: Morris Animal Foundation

"Positional Cloning of the Coraliform Cataract Locus (Coc) in Mice"  
(Principal Investigator)  
Sponsor: Fight for Sight

**Barbara Zangerl (Aguirre Laboratory)**  
"Gene Expression Studies in PRA-Affected Miniature Poodles" (Principal Investigator)  
(Greg Acland, Gus Aguirre, Co-Investigators)  
Sponsor: Laura J. Niles Foundation

<sup>1</sup>NIH: National Institutes of Health

<sup>2</sup>NEI: National Eye Institute

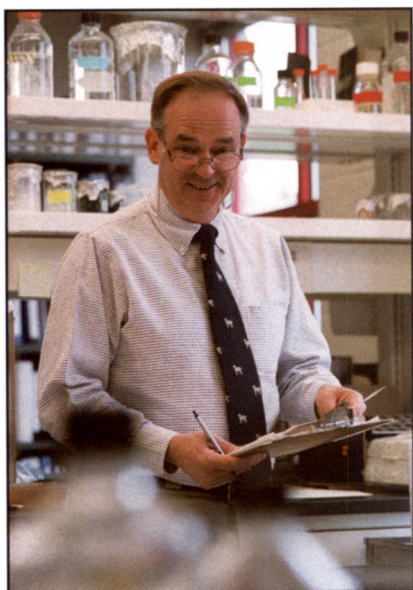


# Faculty at the Baker Institute

## Doug Antczak, VMD, PhD

**Dorothy Havemeyer McConville Professor of Equine Medicine**

### Research Profile



The Equine Genetics Center at the Baker Institute, under the direction of Dr. Doug Antczak, has been making significant strides for nearly a quarter century in the understanding of important issues related to equine immunology.

The application of immunology to issues in the equine industry is broad,

ranging from the ability to provide veterinarians accurate diagnostic tools to better management practices to control chronic allergic reactions.

In particular, researchers in Dr. Antczak's laboratory are studying the complex interactions between mother and fetus in an effort to better understand the biological interactions that take place during pregnancy. Dr. Antczak is particularly interested in how the placenta and fetus avoid recognition and destruction by the maternal immune system. New understandings in this area have potential application to biology and medicine, including organ transplantation and cancer biology.

Data gathered from immunological studies at the Institute are providing new insight for the Horse Genome Project as well. The Institute has a leadership role in this international collaborative effort to develop a comprehensive linkage map of the horse. Such a map will assist studies of inherited diseases and effects of genes on performance traits. The genetic information also aids in the development of new breeding strategies. These efforts are all aimed at improving the health and welfare of the horse.

To learn more about Dr. Antczak's research, visit [bakerinstitute.vet.cornell.edu/research/antczak/r\\_idi\\_antczak.htm](http://bakerinstitute.vet.cornell.edu/research/antczak/r_idi_antczak.htm)

### Laboratory Highlights in 2002:

Dr. Bettina Wagner joined Dr. Antczak's laboratory as a visiting professor from the School of Veterinary Medicine in Hannover, Germany. To learn more about Dr. Wagner's research, see p. 16.

In March, Dr. Antczak served on a panel of equine veterinarians and researchers who addressed "Genome Research for the Horse Industry" at the Blue Ribbon (Genome) Panel held in Dallas, Texas.

Dr. Antczak was co-chair of the American Association of Veterinary Immunologists' (AAI) Guest Society Symposium on "Naturally-Occurring Domestic Animal Models of Primary Immunodeficiency Disease" held in April in New Orleans, Louisiana. Dr. Antczak serves as chair of the AAI's Veterinary Immunology Committee.

Dr. Antczak spoke on the "Confrontation and Accommodation at the Fetal-Maternal Interface" at the Frontiers in Reproduction 5th Annual Symposium held in Boston, Massachusetts, in June.

Dr. Antczak joined colleagues from Cornell as a delegate for Brain Korea 21, an international collaborative program between Seoul National University (SNU) and Cornell University. Dr. Antczak spoke on the topic of "Comparative Genomics of Domestic Animals at Cornell," at the 2nd Joint Seminar on Agricultural Genomics held at SNU's School of Agricultural Biotechnology in Seoul, Korea, in June.

Before arriving in Korea, Dr. Antczak first traveled to Japan, where he delivered several invited seminars.

In July, Dr. Antczak attended the 8th International Symposium on Equine Reproduction held in Fort Collins, Colorado. The meeting brings together scientists and veterinarians from around the world and provides a forum for information



*"Because of the wealth of information available from the Horse Genome Project, genetics will have an overriding influence on all aspects of equine research."*

—Doug Antczak

exchange on clinical and basic research aspects of equine reproduction.

Dr. Antczak was a featured speaker on "The Promise of Equine Genomics" at The Jockey Club's 50th Round Table Conference on Matters Pertaining to Racing held in Saratoga Springs, New York, in August.

Dr. Antczak has served on the National Institutes of Health Study Section for Human Embryology and Development since 1999.

### Research Awards Active in 2002:

"Comparative Studies of Pregnancy and Histocompatibility" (Principal Investigator)  
Sponsor: NIH<sup>1</sup>-NICHD<sup>2</sup>

"A BAC Library for the Horse"  
(Principal Investigator)  
Sponsor: USDA Regional Project Program

"Accelerated Regression of Endometrial Cups and eCG" (Principal Investigator)  
Sponsor: Grayson-Jockey New Club

"Functional Genomics for the Horse"  
(Principal Investigator)  
Sponsor: Morris Animal Foundation – University of Kentucky consortium agreement

"Horse Genome Project" (Principal Investigator)  
Sponsor: Harry M. Zweig Memorial Fund for Equine Research

"Influence of an Underlying Immune Environment on the Subsequent IgG Isotype Response to a Foreign Antigen" (Co-Investigator) (Dorothy Ainsworth, Principal Investigator)  
Sponsor: Harry M. Zweig Memorial Fund for Equine Research

"Immune Dysfunction in Horses with Recurrent Airway Obstruction (RAO)" (Co-Investigator) (Dorothy Ainsworth, Principal Investigator)  
Sponsor: USDA

### **Bettina Wagner (Fellow)**

"Exchange Visitor Research Program: Basic and Applied Studies of Allergic Reactions"  
Sponsor: Max Kade Foundation

### **Paige Adams (mentor: Doug Antczak)**

"Ectopic Transplantation of Invasive Trophoblast"  
Sponsor/Division: NIH<sup>1</sup>-NICHD<sup>2</sup>

<sup>1</sup>NIH: National Institutes of Health

<sup>2</sup>NICHD: National Institute of Child Health and Human Development



Dr. Antczak discusses a research project with Rebecca Tallmadge, a graduate student in his laboratory



# Judy Appleton, MS, PhD

## Professor of Immunology

### Research Profile



Dr. Appleton examines an auto-radiograph with NSERC fellow Mike Duffy (center) and Cornell Presidential Research Scholar Jeremy Sykes.

Researchers in Dr. Judy Appleton's Mucosal Immunity Laboratory focus on the development of host-parasite infections—in particular, *Trichinella spiralis*, the cause of the human disease trichinosis, and *Parelaphostrongylus tenuis*. The *P. tenuis* parasite is a significant cause of neurological diseases in llamas (as well as alpacas, goats, and sheep) in the eastern United States. Studies of such pathogens are yielding new information regarding infectious disease transmission and immunity in the intestine.

Unlike most other pathogens, *Trichinella* is not restricted in its choice of host. Dr. Appleton's studies of this well-known pathogen, first observed in man in 1835, are helping to expand knowledge of the basic nature of infectious diseases—in particular, how one organism is parasitized by another.

Investigation of parasitism at the cellular and molecular levels has been challenging up to now, says Dr. Appleton, due to the lack of tools available for in vitro cultivation. In collaboration with researchers in her laboratory, Dr. Appleton has discovered that inoculation of *T. spiralis* larvae onto cultured intestinal epithelial cells provides a

viable medium for maturation of the larvae to adulthood and, ultimately, reproduction. The development of this new laboratory model offers scientists the opportunity to observe in greater detail the pathogen and its intracellular habitat.

Lessons learned in immunity to *Trichinella* are being applied to Dr. Appleton's second area of study: the development of a vaccine and diagnostic test for *P. tenuis*. It is a project that has personal roots for the Baker researcher—four sheep on her home farm died from the infection several years ago. *P. tenuis* is aggressive in its infection, often causing paralysis in affected animals by damaging the spinal cord. Few animals recover with treatment; therefore, the need for a vaccine is considerable.

Dr. Appleton is optimistic about the development of a vaccine to prevent the devastating disease caused by *P. tenuis*, a common parasite of white-tailed deer. She says the target population would expand beyond the llama to include goats and sheep.

Advances in Dr. Appleton's research studies of these two pathogens may one day result in valuable new diagnostic and preventive tools for breeders of exotics as well as broader understandings of the transmission of infectious diseases in animals and humans.

To learn more about Dr. Appleton's research, visit [http://bakerinstitute.vet.cornell.edu/research/appleton/r\\_idi\\_appleton.htm](http://bakerinstitute.vet.cornell.edu/research/appleton/r_idi_appleton.htm)

### Laboratory Highlights in 2002:

Dr. Appleton and postdoctoral fellow Mike Duffy's work to develop a vaccine for the *P. tenuis* disease was featured in the winter 2003 edition of *Alpacas Magazine*, the official journal of the Alpaca Owners and Breeders Association, Inc.

Dr. Appleton has served as a member of the International Commission on Trichinellosis since 2000.



*“We aim to identify proteins that the parasite *P. tenuis* uses to infect animals. If the alpaca’s immune response can be made to interfere with those proteins, then we may be able to make a vaccine that would protect the animal against disease. The challenge is identifying the best proteins to target in the vaccine.”*

—Judy Appleton, from interview featured in winter 2003 issue of *Alpacas Magazine*

Dr. Appleton spoke on “Glycan-Specific Antibodies Mediate Immunity to the Intraepithelial Nematode *Trichinella spiralis*” at a Keystone Symposium on Microbial-Epithelial-Lymphocyte Interactions in Mucosal Immunity held in Breckenridge, Colorado, in April.

She was an ad-hoc member of the Study Section for Training Grants and Fellowships for the National Institutes of Health (NIH)-Allergy and Infectious Diseases’ Microbiology and Infectious Diseases Research Committee in 2002. Since 1999, Dr. Appleton also has been an ad hoc reviewer for the NIH Study Section for Tropical Medicine and Parasitology.

#### Research Awards Active in 2002:

“Immunity to Parasitic Infection”  
(Principal Investigator)  
Sponsor: NIH<sup>1</sup>-NIAID<sup>2</sup>

“Molecular and Cellular Transport in Mucus”  
(Collaborator; Principal Investigator, Mark Saltzman, Chemical Engineering)  
Sponsor: NIH-NIGMS<sup>3</sup>

“Vaccination to Prevent Disease Caused by *Parelaphostrongylus tenuis*”  
(Principal Investigator)  
Sponsor: Morris Animal Foundation

“Influence of an Underlying Immune Environment on the Subsequent IgG Isotype Response to a Foreign Antigen” (Co-Investigator)  
Sponsor: Harry M. Zweig Memorial Fund for Equine Research

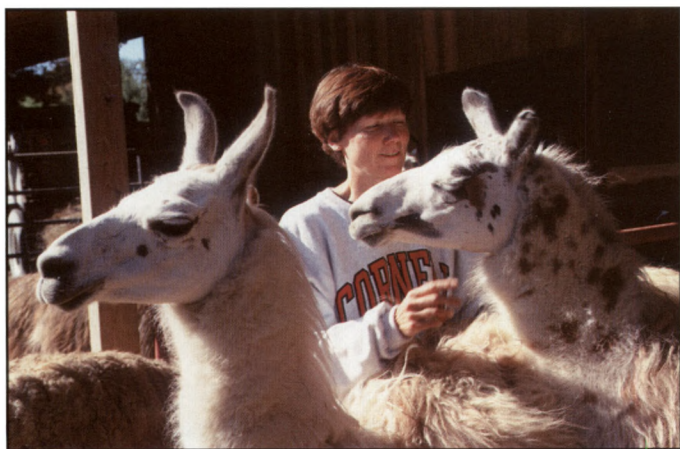
**Daniel Beiting (Graduate Research Assistant, Appleton Laboratory)**  
“Immunology of Parasitic Diseases”  
(training grant)  
Sponsor/Division: NIH<sup>1</sup>-NIAID<sup>2</sup>

**Michael Duffy (Postdoctoral Fellow, Appleton Laboratory)**  
“Mechanisms of Acquired Immunity to Parasitic Nematodes”  
Sponsor/Division: Natural Sciences and Engineering Research Council of Canada

<sup>1</sup>NIH: National Institutes of Health

<sup>2</sup>NIAID: National Institute of Allergy and Infectious Diseases

<sup>3</sup>NIGMS: National Institute of General Medical Sciences



Lucy Gagliardo, research technician



## Nancy Burton-Wurster, MS, PhD

Senior Research Associate

### Research Profile



Dr. Nancy Burton-Wurster's research focuses on the study of cartilage disease—in particular, how it affects the development of osteoarthritis in dogs. Her work has close ties with that of Dr. George Lust (and Cornell veterinary colleague Dr. Rory Todhunter) and their studies of canine hip dysplasia. Their collaborative approach allows for linkage analysis, or the identification of genes that may contribute to the development of hip dysplasia and osteoarthritis.

Dr. Burton-Wurster's work with canine osteoarthritis is advancing studies of the degenerative joint disease in the human population as well. Osteoarthritis, one of the oldest and most common types of arthritis, affects an estimated 21 million people in the United States alone. The onset of osteoarthritis varies; some dogs (like people) are genetically predisposed to develop the condition at an early age, while others can have a spontaneous occurrence that accompanies old age.

The disease is characterized by the breakdown of the joint's cartilage, the pliant tissue that helps to minimize friction between joints. Over time, the process results in bones rubbing against each other, causing pain and loss of movement. Dr. Burton-Wurster's research is examining the biochemical and mechanical changes that take place when this normally supple tissue is compromised. Recent work focuses on the contributions of chondrocyte death to the nature and progression of osteoarthritis.

Her research has led to the identification and subsequent study of a unique isoform of the protein fibronectin, which is specific to cartilage tissue. Dr. Burton-Wurster's observation of the considerably elevated levels of fibronectin in severely damaged osteoarthritic cartilage has shed new light on its role in the maintenance of healthy cartilage.

Likewise, the Baker Institute researcher has observed that the removal of chondrocytes—the cells that synthesize cartilage—from cartilage tissue causes levels of fibronectin to drop dramatically. Her search for a better understanding of these connections may one day yield a biomarker for the early detection of osteoarthritis.

To learn more about Dr. Burton-Wurster's research, visit [http://bakerinstitute.vet.cornell.edu/research/burton-wurster/r\\_gen\\_dev\\_b\\_wurster.htm](http://bakerinstitute.vet.cornell.edu/research/burton-wurster/r_gen_dev_b_wurster.htm)

*"The only way of discovering the limits of the possible is to venture a little way past them into the impossible."*

Arthur C. Clarke



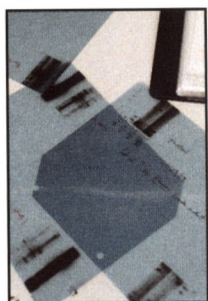
*"Our work with canine osteoarthritis has an important impact for human health as well. My research seeks to provide a better understanding of this devastating condition in both species and offer new diagnostic tools to assist in the long-term treatment and maintenance of this painful disease."*

—Nancy Burton-Wurster

### Laboratory Highlights in 2002:

Dr. Burton-Wurster served as a reviewer for a number of academic journals, including *Archives of Biochemistry and Biophysics*, *Arthritis and Rheumatism*, *Connective Tissue Research*, *Journal of Orthopaedic Research*, *Osteoarthritis and Cartilage* and *Scanning Microscopy International*.

She was an ad hoc grants reviewer for the United States Department of Agriculture.



Kristen Clements, postdoctoral associate

### Research Awards Active in 2002:

"Impact Damage, Apoptosis, and Early Osteoarthritis" (Principal Investigator)  
(George Lust, Co-Principal Investigator)  
Sponsor: NIH<sup>1</sup>-NIAMS<sup>2</sup>

"The Cartilage-Specific (V+C) Fibronectin Isoform as an Osteoarthritis Biomarker"  
(Principal Investigator)  
(George Lust, Co-Investigator,  
James MacLeod, Co-Principal Investigator)  
Sponsor: Arthritis Foundation

"Cartilage-Specific Fibronectin Isoform"  
(Co-Principal Investigator)  
(James MacLeod, Principal Investigator)  
Sponsor: Arthritis Foundation

Master Research Agreement  
(Co-Principal Investigator)  
(George Lust, Co-Principal Investigator)  
Sponsor: Pfizer Central Research

"Cartilage-Specific Fibronectin Isoform"  
(Co-Investigator)  
(James MacLeod, Principal Investigator)  
Sponsor: NIH<sup>1</sup>-NIAMS<sup>2</sup>

<sup>1</sup>NIH: National Institutes of Health

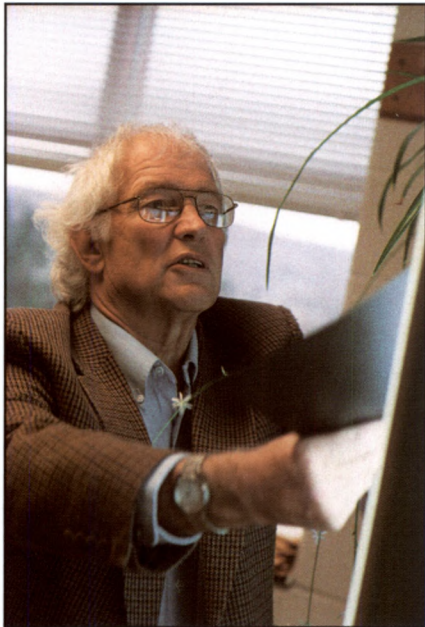
<sup>2</sup>NIAMS: National Institute of Arthritis and Musculoskeletal and Skin Diseases



# George Lust, PhD

## Professor of Physiological Chemistry

### Research Profile



The simple pleasure of a walk in the park is denied millions of pet owners each day whose dogs suffer from canine hip dysplasia (CHD) and the resulting—and quite painful—osteoarthritis.

A crippling joint disease that can affect dogs of all sizes across all breeds, CHD is seen predomi-

nantly in most large breed dogs, including the popular Labrador and golden retrievers. In its advanced stages, the disease often leads to osteoarthritis—a painful, degenerative condition with no known cure. Canine osteoarthritis is one of the most common sources of chronic pain treated by veterinarians.

A specialist in bone and joint diseases in animals, Dr. George Lust has made a career study of this devastating condition to provide pet owners and veterinarians with new information for early diagnosis and preventive treatment to ease the symptoms. The condition is characterized by the loss of the smooth cartilage that covers and protects the end of the bones in a movable (synovial) joint, so the use of radiographs—or x-rays—is a common diagnostic tool.

Though radiograph results are not always conclusive, researchers agree that early diagnosis—preferably made during the first year of a puppy's life—is crucial to maximize intervention and treatment needed to ease symptoms.

The dorsolateral subluxation (DLS) test, devel-

oped in 1996, provides such early detection and is useful as a field screening test for both dysplastic and nondysplastic hips in young dogs. Unlike current tests that involve manipulation of a dog's legs and hips while on his back, the DLS test measures hip abnormality in a manner that most closely matches the dog walking or running.

His most recent research contribution—a 14-year study completed in 2002 with dogs at the Nestlé Purina Pet Care Co. and co-authored by Dr. Lust—found that dogs who consumed 25 percent fewer calories than their littermates on the same balanced diet lived significantly longer and suffered fewer canine diseases.

Dr. Lust saw the thinner dogs incurring much less CHD and subsequent osteoarthritis, compared with dogs that were fed the portions indicated on the pet food packages. On average, the dogs on reduced rations also lived nearly two years longer.

The ambitious dog study was done at Nestlé Purina, and included as collaborators Dr. Lust along with scientists from the University of Illinois, Michigan State University, and the University of Pennsylvania. Results of the study were published in the *Journal of the American Veterinary Medical Association* in May 2002.

Dr. Lust followed the development of CHD in the 48 dogs in the study and found striking effects of diet on the progression of the disease, even in young animals.

"It was dramatic. In the control group of 24 dogs—the over-fed dogs—16 had CHD at two years of age, and eight were normal," Dr. Lust says. "Of the 24 dogs in the restricted diet group, only eight had CHD and 16 were normal."

To learn more about Dr. Lust's research, visit [http://bakerinstitute.vet.cornell.edu/research/lust/r\\_gen\\_dev\\_lust.htm](http://bakerinstitute.vet.cornell.edu/research/lust/r_gen_dev_lust.htm).



*"I am hopeful that one day we will identify the genes for this debilitating condition and be able to offer an improved quality of life for dogs suffering from this devastating disease."*

—George Lust

### Laboratory Highlights in 2002:

Dr. Lust delivered a guest lecture, "Diet Restriction and Osteoarthritis in Animals," at the Nestlé Purina Pet Institute Symposium: Advancing Life through Diet Restriction held in St. Louis, Missouri, in September 2002. (To learn more about this news-making nutrition study, visit [www.purina.com/institute/news.asp?article=441](http://www.purina.com/institute/news.asp?article=441).)

Kristen M. Riley, a Cornell undergraduate who worked in Dr. Lust's laboratory, was awarded Senior Honors in Research in May for her thesis, "A Search for a RAPD Marker Linked to Canine Hip Dysplasia." She is now a graduate student at Thomas Jefferson University in Philadelphia.



### Research Awards Active in 2002:

"Molecular Genetic Markers for Canine Hip Dysplasia" (Principal Investigator)

Sponsor: Ralston Purina Company

"Course Genome-Wide Scan for Canine Hip Dysplasia and Osteoarthritis" (Co-Investigator)

Sponsor: Cornell Center for Advanced Technology



Virginia Scarpino, research technician



## Vicki Meyers-Wallen, VMD, PhD

Associate Professor of Reproduction

### Research Profile



Unlocking and applying new understandings of reproductive disorders in dogs is the cornerstone of Dr. Vicki Meyers-Wallen's work in her laboratory for the Study of Inherited Canine Reproductive Diseases at the Baker Institute.

Her particular area of research

is the investigation of *Sry*-negative XX sex reversal, an autosomal-recessive inherited trait that causes testicular tissue to develop in dogs that are chromosomally female. Infertility is a common result of this disorder. To date, work in her laboratory has resulted in identification of this disorder in 15 dog breeds, and research is under way to identify the marker responsible for the genetic disorder.

An important aspect of Dr. Meyers-Wallen's research is the frontline genetic counseling she provides to dog owners and breeders seeking assistance with their dogs who have reproductive disorders, such as *Sry*-negative XX sex reversal. Her expertise is often sought by these individuals to help them make informed breeding decisions.

Research taking place in Dr. Meyers-Wallen's laboratory is providing valuable data for the

canine genome project as well, an international effort to sequence the canine genome. Unlocking the genetic sequencing of the dog genome will provide researchers with valuable new information and the potential to develop DNA tests for inherited disorders in the dog, including those that affect reproduction.

Dr. Meyers-Wallen says such information might one day be used to test thousands of genes at a time in addition to producing DNA profiles on individual animals. She anticipates that clinical applications will emerge rapidly with the availability of new information from canine and comparative genome projects. The ability to select for specific or desirable traits for your beloved dog may sound tempting; however, Dr. Meyers-Wallen cautions that responsibility and a strong dose of ethics will need to accompany medical advances in the laboratory.

"There is not only a great potential to improve overall canine health through genetic selection, but also the potential to do harm if we fail to maintain genetic diversity," says Dr. Meyers-Wallen. "The veterinary profession must be in a position to correctly advise clients on the application of this information to individual dogs as well as to populations of dogs, and particularly purebred dogs."

To learn more about Dr. Meyers-Wallen's research, visit [http://bakerinstitute.vet.cornell.edu/research/meyers-wallen/r\\_gen\\_dev\\_m\\_wallen.htm](http://bakerinstitute.vet.cornell.edu/research/meyers-wallen/r_gen_dev_m_wallen.htm)



*"Tests for inherited diseases in dogs help the breeder to avoid the production of affected dogs and to eliminate the gene mutation from a breed without eliminating any particular line within a breed."*

—Vicki Meyers-Wallen

### Laboratory Highlights in 2002:

Dr. Meyers-Wallen served as chief of service in the Small Animal Fertility and Infertility Clinic at the Cornell University Hospital for Animals, where she provided genetic counseling services to dog breeders.

She spoke to overflow crowds on the topics of "Breeding Management of the Bitch," "Ovulation Timing in Bitches with Infertility Problems," "Monitoring Pregnancy and Electing Caesarean Section Delivery," and "Infertility in the Dog" at the 74th Western Veterinary Conference held in Las Vegas, Nevada, in February.

Dr. Meyers-Wallen presented a guest talk on ethics and genetic selection in purebred dogs at the Third European Congress of the European Veterinary Society for Small Animal Reproduction held in Liege, Belgium, in May.

Dr. Meyers-Wallen is a member of the American College of Theriogenologists (ACT) and was elected to serve on the committee to study cooperation between the ACT and the European Congress of Animal Reproduction.

### Research Awards Active in 2002:

"Autosomal Mechanisms of Testis Induction"  
(Principal Investigator)  
Sponsor: NIH<sup>1</sup>-NICHD<sup>2</sup>

"Canine Model for *Sry*-negative XX Sex Reversal"  
(Principal Investigator)  
Sponsor: Marshfield Medical Research Foundation

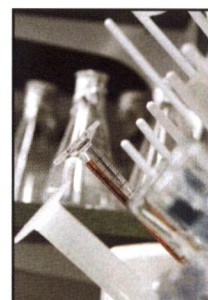
Collaborative Research Agreement  
(Principal Investigator)  
Sponsor: The Institute for Genomic Research, Inc.

<sup>1</sup>NIH: National Institutes of Health

<sup>2</sup>NICHD: National Institute of Child Health and Human Development



Dr. Meyers-Wallen with research support specialist Leanna Natale and postdoctoral associate Kumar Kothapalli





# Colin Parrish, PhD

## Professor of Virology

### Research Profile



Two decades after its appearance, Canine Parvovirus (CPV) strikes much less frequently—and mostly in puppies and adolescent dogs—largely due to the development of effective vaccines at the Baker Institute. However, the threat of infection from this and other pathogens is always present in

our environment. Previously unknown pathogens may emerge (as we have seen in recent times) or known pathogens may develop a more virulent form and pose a new threat (as was the case with CPV, a mutant of a cat virus able to infect dogs).

Dr. Parrish is examining the mechanisms of parvo viral disease from a molecular basis, which allows the development of new methods for infectious disease control, including vaccine development. His research seeks to trace the origins of CPV as a dog virus and its evolution in nature. The laboratory uses molecular biological methods to understand the special properties of the new virus that enabled it to infect dogs. Methods include the use of X-ray crystallography to examine the structural details of the virus particle and cell biology to study differences in virus entry into cells that become infected and those that do not.

Other research in the laboratory is examining the causes of the natural shift in host range and subsequent evolution of CPV, which results from

virus-specific binding to the canine transferrin receptor (the recognition molecule that induces the host cell to pick up and bind to the parvovirus). The basic and applied work of the laboratory has concentrated mostly on the study of viral diseases of dogs and cats. However, in investigating the host range shift questions they have also done a detailed analysis of parvoviruses of cats, raccoons, mink, and other carnivores, as well as studies to characterize the minute virus of canines, also known as CPV type-1.

It is likely that most animals, humans included, have a species specific parvovirus. The canine parvovirus (CPV type-2) first emerged among domesticated dogs in Europe during the mid-1970s. This initial appearance quickly developed into a worldwide epidemic of diseases that included myocarditis (an inflammation of the muscular layer of the heart wall) and gastroenteritis (an inflammation of the lining of the stomach and intestines). The virus infects both wild and domesticated canine species. Through his work, Dr. Parrish hopes to elucidate the mechanisms that allowed the virus to “jump” from the cat to the dog and better understand how this process may work in other virus models as well. This then would create a better understanding of how to best prevent infection or deal with outbreaks of mutated strains.

Dr. Parrish’s research is continuing the legacy of the Institute’s early work in infectious diseases, in particular, its renowned efforts in virology. Advanced research in infectious diseases and immunology is necessary to stay at the frontline in controlling these risks for both humans and companion animals.

To learn more about Dr. Parrish’s research, visit [http://bakerinstitute.vet.cornell.edu/research/parrish/r\\_idi\\_parrish.htm](http://bakerinstitute.vet.cornell.edu/research/parrish/r_idi_parrish.htm)



*“There are not many viruses where we really understand, at a detailed level, how the virus particle enters the cell to infect it. The study of virus biology enables us to better understand and to design treatments for canine and feline parvovirus.”*

—Colin Parrish

### Laboratory Highlights in 2002:

Dr. Parrish was promoted from associate professor to professor of virology.

He was a member of the program organizing committee and chair of the session on Viral Structure and Function at the International Parvovirus Meetings held in Bologna, Italy.

In 2002, Dr. Parrish spoke at the University of Iowa, College of Veterinary Medicine Federation of American Societies for Experimental Biology meeting on Virus Structure, Saxtons River, Vermont; the American Society for Virology meeting held in Lexington, Kentucky; the Keystone Meeting on Pathogen-Host Interactions in Snowmass, Colorado; and the Noble Foundation Virus Evolution Workshop held in Ardmore, Oklahoma.

Dr. Parrish organized a virology retreat for Cornell faculty in September.

Dr. Parrish has served as a regular panel member/reviewer for the National Institutes of Health (NIH) Study Section on Experimental Virology since 1999. Since 2001, he has also been a reviewer for the NIH intramural grant programs.

### Research Awards Active in 2002:

“Mechanisms of Parvovirus Infection and Host Range” (Principal Investigator)

Sponsor: NIH<sup>1</sup>–NIAID<sup>2</sup>

“Parvovirus Structure, Capsid Assembly, and Receptors” (Principal Investigator)

Sponsor: NIH<sup>1</sup>–NIAID<sup>2</sup>

“Training in Molecular Virology and Pathogenesis” (Principal Investigator)

Sponsor: NIH<sup>1</sup>–NIAID<sup>2</sup>

<sup>1</sup>NIH: National Institutes of Health

<sup>2</sup>NIAID: National Institute of Allergy and Infectious Diseases

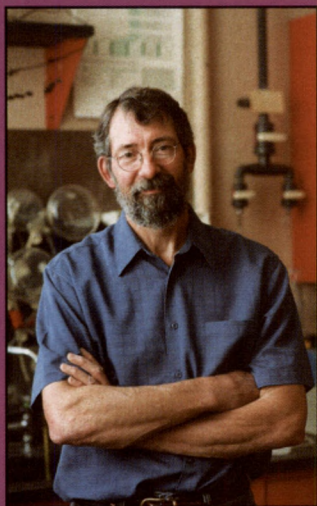


Dr. Parrish (r) reviews experiment with research technician Wendy Weichert and graduate research assistant Karsten Hueffer.



# DEPARTURES

## Transitions



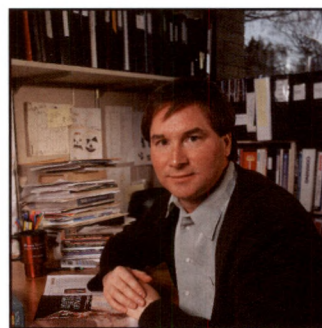
### Lab technician retires after three decades of service

Research technician Linc Adams retired in December 2002, completing more than three decades of service in the laboratories at the Baker Institute. During his tenure, Adams saw enormous growth at the Institute, watching it evolve from its original cluster of laboratories to the dedication of the new building in fall 2002.

Arriving in 1972, Adams spent his early years working in the laboratory of Dr. Gus Aguirre, where he assisted Dr. Aguirre's work with inherited eye diseases in dogs, and with former Baker faculty member Dr. Ron Schultz and his studies of coonhound paralysis. For the past two decades, Adams has worked in the laboratory of Professor Robin Bell conducting experiments related to immunology and infectious disease.

Working at the Institute also enabled Adams to meet people from around the world, many of whom he has kept ties to during his travels abroad with his wife, Linda. In addition to having more time for travel now that he has retired, Adams, an avid outdoorsman, is able to pursue some of his favorite pastimes, including fishing. For now, he maintains his association with the Institute, spending several hours a week on-site completing experiments for Professor Bell.

Reflecting on his years of service, Adams says, "I arrived here and just stuck. The Baker Institute is a great place to work and has suited my lifestyle."



In July 2003, James MacLeod, VMD, PhD, was appointed to the John S. and Elizabeth A. Knight Chair in Equine Musculoskeletal Science at the Maxwell H. Gluck Equine

Research Center at the University of Kentucky. The research program of the Department of Veterinary Science focuses its activities on the horse, and is regarded as one of the premiere institutions in the country for equine research. In addition, Dr. MacLeod will hold a joint appointment in orthopedics at the University of Kentucky's Medical School.

Dr. MacLeod joined the Baker Institute as assistant professor of molecular genetics in 1992 and was promoted to associate professor in 1999. During his decade of research conducted at the Laboratory of Cellular Growth and Differentiation at the Institute, Dr. MacLeod made important advances in the field of equine joint disease, especially in early changes in chondrocyte gene expression that can contribute to cartilage degeneration and the development of chronic osteoarthritis. Dr. MacLeod's progress in better understanding how osteoarthritis develops, combined with his advances in therapeutic strategies, has provided valuable information to the entire equine industry.

In a second project, conducted most recently in collaboration with Cornell veterinary colleague Dr. John Randolph, he made significant progress in the development and investigation of the clinical safety and efficacy of species-specific erythropoietin (EPO) in dogs and cats.

Erythropoietin is a protein produced by the kidneys that stimulates production of red blood cells. Clinical trials for dogs and cats were completed in 2002, and results of these studies are being developed for publication.





Jharna Ray, PhD, accepted an appointment at Calcutta University. She joined the faculty as the Sikta Pradhan Professor of Neurosciences at the S. N. Pradhan Centre for

Neurosciences in 2002. The move also was a return to Dr. Ray's homeland of India and her family who reside there. Dr. Ray is working on the molecular genetic basis of neurological disorders involving movement in human patients, such as Parkinson's disease, dystonia, and epilepsy. Additionally, Dr. Ray is continuing her studies on hemophilia in collaboration with Cornell senior research associate Dr. Marjory Brooks.

Dr. Jharna Ray joined the Baker Institute faculty in 1992 as assistant professor of molecular genetics, where she pursued genetic studies at the Donnelley Laboratory of Gene Regulation and Expression. During her tenure at the Baker Institute, Dr. Ray focused her efforts on eye diseases, including age-related macular degeneration, while also studying the genetic basis for several inherited disorders in companion animals, including mucopolysaccharidosis, oculo-skeletal dysplasia, hemophilias A and B, and Leber congenital amaurosis. Foremost among her scientific contributions is her work with Baker Institute faculty Drs. Gus Aguirre and Greg Acland in the development of the vector that helped restore sight to Lancelot, a Briard dog born with a blinding genetic mutation. It marked the first time that congenital blindness was reversed in an animal larger than a mouse.

## Research technician recalls memorable moments in Baker labs



Mary Beth Matychak arrived at the Institute in 1974, while the Institute's founder, Dr. James Baker, was still in leadership. Matychak's background in biology helped earn her a spot in Dr. Max Appel's laboratory assisting his studies of canine virology.

Matychak was witness to some of the Institute's early discoveries. She remembers the day in the late 1970s when Dr. Appel, now pro-

fessor of virology, emeritus, made the historic breakthrough with canine parvovirus. The result followed years of analyzing canine fecal samples received from pet owners across the country. Dogs everywhere were dying from the international pandemic, and the race was on to determine the cause and develop a vaccine.

"Dr. Appel was studying one of the samples I had prepped and asked me to take a look," recalls Matychak. The Baker professor observed parvovirus using an electron microscope and determined it was the infectious agent.

The discovery led to the development of the parvovirus vaccine with Dr. Skip Carmichael, now John M. Olin Professor of Virology, Emeritus. The patent on the Institute's parvovirus vaccine remains the single largest source of royalty income in Cornell's history.

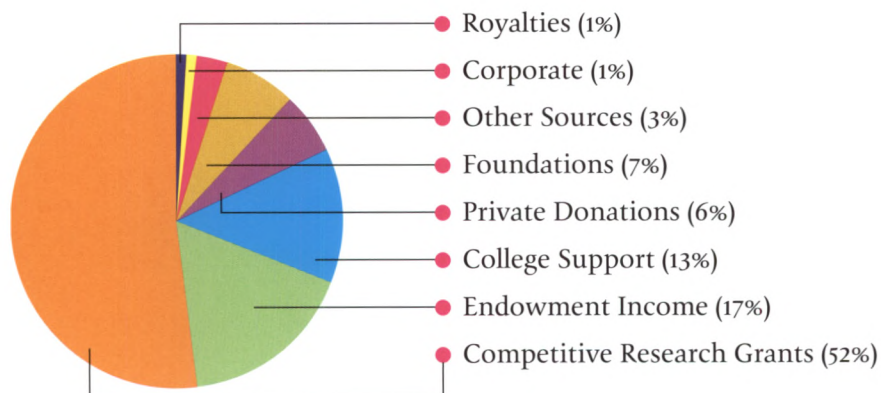
Some species of wildlife are not able to tolerate a modified live distemper, so the Baker Institute produced a killed vaccine for this special purpose. For more than 20 years, Matychak prepared the killed distemper vaccine for black-footed ferrets and pandas at the National Zoo in Washington, D.C., and other wildlife habitats.

Matychak continued in Institute director Doug Antczak's Equine Immunology Laboratory after Dr. Appel's retirement in 1997 and has been a research technician in Clinical Sciences at the Cornell Veterinary College since January 2003. She says her time at the Baker Institute was rewarding. "I feel very fortunate to have been a part of the Institute's incredible history of discovery."

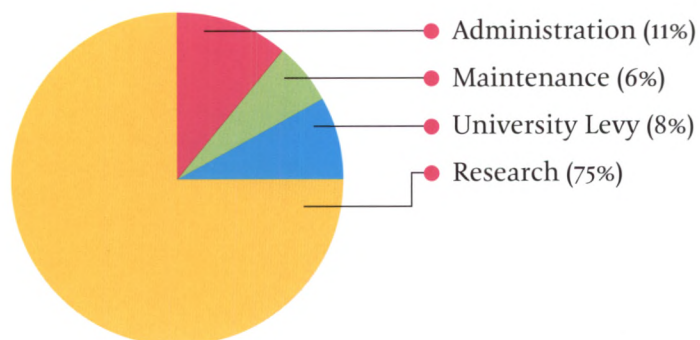


# FINANCIAL HIGHLIGHTS

## Baker Institute Revenue Sources 2002



## Baker Institute Operating Expenses 2002





# PARTNERS IN PROGRESS: PRIVATE SUPPORT AT THE BAKER INSTITUTE IN 2002

On the following pages, we salute our many friends and supporters—individuals, veterinarians, kennel clubs, and corporate friends—who share our vision of advancing the possibilities of veterinary medicine through research. This shared commitment to benefit our beloved companion animals will enable the medical breakthroughs of tomorrow.

These generous donations provide much of the financial support that has made the Baker Institute's practical research programs possible and successful since its founding in 1950.

Thank you.





# Honor Roll of Giving

In addition to donors previously recognized in this report, the Baker Institute salutes the generosity of the following individuals, veterinarians, kennel clubs, foundations, and corporations who provided valuable support to our research efforts on behalf of companion animals worldwide in 2002.

## FOUNDERS' CIRCLE

Contributions of \$5,000 or more

The Albert C. Bostwick Foundation  
American Border Collie Association  
Anonymous  
David A. Behnke and Paul F. Doherty  
Joanne Bicknese  
*(in honor of her cats Micki, Jacqui, Renee, RedMan, and Munchie and her dogs Marti, Bruni, Hank, Gator, and Gracie)*  
Harold Cummings  
The Robert G. and Jane V. Engel Foundation  
Estate of Eleanor Gillis  
The Dorothy Russell Havemeyer Foundation, Inc.  
Dr. and Mrs. Richard P. Henry  
The Carl J. Herzog Foundation  
Estate of Eileen Adair Hughes  
Estate of Helen Kaplowitz  
Mr. and Mrs. John Konwiser  
*(in memory of Glenlivet, Macallan, and Chivas Regal)*  
Estate of Jacqueline Lindsay  
Sharon Lee MacDonald Charitable Trust  
The Oxley Foundation  
The Mrs. Cheever Porter Foundation  
Philip Reilly  
Marilyn M. Simpson Charitable Trust  
Eugene V. and Clare E. Thaw Charitable Trust  
Van Sloun Family Foundation  
Mary Clare Ward  
Harwood Warriner  
Mr. and Mrs. Weldon Wilson  
*(in memory of Andy)*

## INSTITUTE PATRONS

Contributions of \$1,000 to \$4,999

American Chesapeake Club Charitable Trust  
George Anderson  
*(in memory of Ginger, Keliv, Mama, and Puss Puss)*  
Anonymous  
Basenji Companions Inc.  
Atherton Bristol  
*(in memory of Gracie and Queechy)*  
Albert Brown  
Devon Dog Show Association  
Nancy Dickenson  
Dr. and Mrs. Strachan Donnelley  
Dr. and Mrs. G. Clayton Dudley

Vivian Feagan  
*(in memory of Worthy, in honor of Dr. Steven Cohen)*  
William Field  
Finger Lakes Kennel Club  
Glen of Imaal Terrier Club of America  
Greater Milwaukee Foundation Corp.: Steven S. Lindsay Memorial Fund  
The Shirley W. and William L. Griffin Foundation  
Janice Halliday  
*(in memory of EBK's Happy and J.W. Halliday)*  
Barbara Herndon  
The Gilbert W. and Louise Ireland Humphrey Foundation  
Dr. and Mrs. David Jenkins  
Dr. and Mrs. Du Bois L. Jenkins  
James A. MacDonald Foundation  
Peter Malnati, DVM  
Henry McNeil, Jr.  
Elizabeth and George Mead Charitable Foundation  
Estate of Doris McGee  
*(in memory of Pixie)*  
Metropolitan Area Papillon Club of Washington, DC  
Vivian Miller  
National Labrador Retriever Club, Inc.  
North-Western American Eskimo Association  
The Nova Scotia Duck Tolling Retriever Club of Canada  
Portuguese Water Dog Club of America  
James B. Richardson Trust  
Mr. and Mrs. Eugene Souther  
Benjamin Stanton  
*(in memory of Max)*  
Anne Torda  
*(in memory of Kathryn Mercier Borzani, Raymond H. Borzani, Anne Lynn Vozni, Kathryn Anne Torda, Alexander J. Torda, Jr., Heathcliff The Protector, Lady Nimue of Rosewood, Cavall The Blue Coon Hound, Tristan Valentine, and Merlyn The Wizard)*  
Margot Tully  
Estate of Margaret Varady  
Joan Willson  
*(in memory of Ch. Thenderin O'Toole)*  
Harold M. Zweighaft, DVM

Alan Baum  
Wendy Bicknell  
Mr. and Mrs. Warren Bicknell  
Judith Buechner  
*(in memory of Klaus and Otto)*  
Mr. and Mrs. Richard Casey  
*(in memory of Agarn)*  
Joanne Costa  
*(in memory of Sissy, Peanut, and Babie)*  
Dog Fanciers Club  
Firman Fund  
Francis Fox, DVM  
Joseph Friedlander  
William Gratz  
*(in memory of Tituba, Caruso, Pumpkin Pitch, Smokey, Fuzz Ball, Night Shade, Denise, and Randy)*  
Mr. and Mrs. Antonio Gross  
*(in memory of Samantha, Apollo, and Gecco)*  
Joanne Hess  
*(in memory of Elizabeth Hess and Anna CS Carrigan and in honor of Deborah C. Kelley)*  
George Holmes  
John Hyde, DVM  
Kate Ireland Foundation  
Mr. and Mrs. Spencer Lauer  
Dr. and Mrs. David Lawrence  
Mr. and Mrs. James Leo  
*(in memory of Dusty and Shadow)*  
Mr. and Mrs. Donald McAllister, Jr.  
*(in memory of Katherine McAllister)*  
Edward C. Melby, Jr.  
Jane Miller  
*(in memory of Dr. Albert Miller and all the Baker Beagles, in honor of Linc Adams, Doug Antczak, and Jim Hardy)*  
Dr. and Mrs. Irwin Miller  
*(in memory of Millie, Tally, Buttons, and Ollie)*  
Lloyd Miller, DVM  
Grayson B. Mitchell  
*(in memory of Lightning)*  
Mr. and Mrs. Denton Nichols  
*(in memory of Dusty)*  
Pacific Veterinary Center  
*(in memory of Elliot)*

Deirdre Ryan  
*(in honor of Maureen Ryan, College Point Animal Hospital, Ulysses, Deirdre and Scout, Michael and Lainie)*  
The Sheffield Foundation  
Debby Simon  
*(in memory of Alex, Amanda, and Matthew)*  
The Charles See Foundation  
Dr. and Mrs. Carvel Tiekert  
Mr. and Mrs. John Wilson  
*(in memory of Katherine McAllister)*  
The Winthrop Foundation of Athens, GA  
Barbara Wood

## SPONSORS

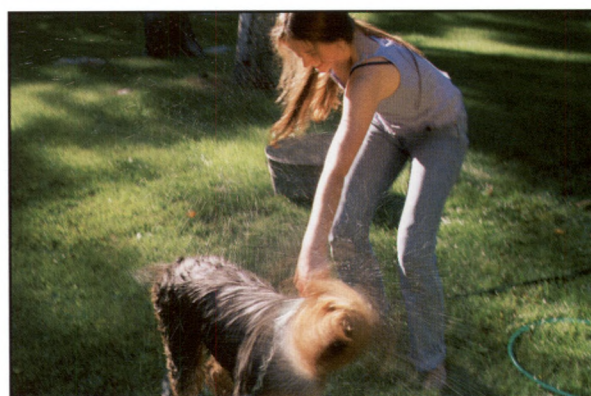
Contributions of \$250 to \$499

Afghan Hound Club of Northern NJ  
Almost Home Kennels: Marilyn Feinzig  
Mr. and Mrs. Joseph Annunziata  
*(in honor of Dr. Harold Zweighaft)*  
Judy Appleton and Donald Schlafer  
*(in memory of Ruphus)*  
John Ashworth  
*(in memory of Elenore E. Ashworth)*  
Back Mountain Kennel Club  
Mr. and Mrs. Stephen Beaudin  
*(in memory of Lucky and Kelly)*  
Fred Bondi, Jr.  
Robert Bottrell  
Barbara Buchta  
*(in memory of JB, Pepe, and Ran)*  
Nancy Burton-Wurster  
*(in memory of Elsa and Pasha, in honor of Reuben and Tigger)*  
Marie Cirelli  
*(in memory of Tasha, Genesee and Patrick)*  
Jeffrey Cohen  
*(in memory of Comanche, Apache, and Cheyenne)*  
Juanita Copeland  
*(in memory of Fancy)*  
Mr. and Mrs. Frank Crommelin  
*(in memory of Murphy, in honor of Dr. Dean Cerf)*  
Florence Cusano  
*(Richard A. Cusano Memorial Fund)*

## SUSTAINING MEMBERS

Contributions of \$500 to \$999

Mr. and Mrs. Raymond Ahearn  
*(in memory of Pinky)*  
American Norfolk Terrier Association  
Douglas Antczak & Family  
*(in memory of Tabitha, Maisie, and Chrissy)*  
Elizabeth Barbera  
*(in memory of Champ)*





Sheila Dai (*in memory of Nikki*)  
 Joyce M. Dalton (*in memory of Bally*)  
 Dr. and Mrs. Robert Decher  
 Mr. and Mrs. Carl J. Deinhardt  
 (*in memory of Marcie, Meghan, and Kelly*)  
 Sheila Dineen  
 (*in memory of Chanel and Nick*)  
 Donna Dingee  
 (*in memory of Aspen, Skye, Tyler, and Botsy*)  
 Margaret Dungan  
 (*in memory of Desmo, Slick, Fay Carberry, Cassidy, in honor of All the Greater Swiss Mountain Dog Puppies*)  
 Nancy Fantom: Saddleback Pet Services  
 Mr. and Mrs. Arthur Feidler III  
 (*in memory of Ginger*)  
 Nancy Frantz  
 Mr. and Mrs. Lawrence Franze  
 Helen Friderici  
 Mary J. Gaetano (*in memory of Lulu*)  
 Patricia Galasso  
 (*in memory of Casey Jones and Shiloh*)

Pamela Gipson  
 Gracelane Kennels  
 Roland Gregg  
 (*in memory of Snuffy and Snoopy*)  
 Mr. and Mrs. Daniel Grim  
 (*in memory of Riley*)  
 Beth Hibbard  
 (*in memory of Muffin and Rebel*)  
 Todd Hirth (*in memory of Sam*)  
 Germaine Hodges  
 (*in memory of Rosebud, BeBe, Homer, and Vetta*)  
 J. Robert Horan (*in memory of Brandy*)  
 Brenda Ireland  
 (*in memory of Brandy and Corndog*)  
 Ronald Jacobs (*in memory of Butch*)  
 Nancy Kamel  
 (*in memory of Max, in honor of Eleanor and Sig Prager and Dr. Richard Altieri*)  
 Janis L. Koch  
 (*in memory of Christy, Piobaireachd, and Braemar*)  
 Saul Korduner (*in memory of Jason*)



Diane Kranz  
 (*in memory of Jazz and Ivan*)  
 Mr. and Mrs. Rudolf Kroc  
 (*in memory of Schnitzel, Boo Boo, and Wiener*)  
 Carol Krupski (*in memory of Missy*)

Susan W. Lehotsky (*in memory of Sandy*)  
 Michael Leuthauser  
 (*in memory of Mooch, Maggie Made It, Peanut Brittle, and Sugar Bear*)  
 Mr. and Mrs. Robert Linn  
 (*in memory of Sage, Luther, and Squire*)  
 Judith Litt (*in memory of Leader*)  
 Jennifer Loggie  
 (*in memory of Morgan, in honor of Dr. Timothy Wolf*)  
 Richard Lunna  
 Valerie Luther  
 (*in memory of Sheba, Binge, and Ashley*)  
 Natalie Lyon  
 (*in memory of Katherine McAllister*)  
 Georgianna May (*in memory of Salt*)  
 Rosemary McLaughlin  
 (*in honor of Max and Grace*)  
 Joan Mizer  
 Joseph Mola  
 (*in memory of Dutchess, Max, and Mike*)  
 Marjorie Moseley

## Baker Institute Receives Bequest from Eleanor Gillis

In 2002, the Baker Institute received its second-largest-ever bequest from an individual. The very generous gift, which provides valuable long-term resources for academic support, was received through the estate of Mrs. Eleanor Gillis—a long-time friend of the Baker Institute and devoted owner of her beloved German Shepherds.

Mrs. Gillis, who passed away in April 2002, and her husband, Gordon, who died in 1985, had been supporters of the Institute and its work on behalf of animal health for the past 25 years. In 1992, the Institute presented Mrs. Gillis with the North Award in recognition of her contributions to the improvement of canine health and concern for the well-being of all dogs.

The Gillises established a business to sell construction equipment in Rochester, New York, in 1943. With diligent application they grew their initial investment of \$300 into a thriving enterprise. The couple maintained a strong sense of philanthropy throughout their lives, which they merged with their devotion to companion animals.

"Through the Baker Institute I care for both dogs and people.... Baker works to make dogs healthier, and healthier dogs make happier dog owners. It seems a happy synthesis of two interests," wrote Mrs. Gillis in 1992.

That motivation led her to endow a fund for advanced study with her late husband's bequest to the Baker Institute, and to make provision in her own will to add a substantial gift to their endowment.

*"Institutes like Baker, which provide the environment and tools of research, do not just happen. They are there because enough people want them, build them, and pay for them.... It pleases me to think that mine will be a continuing contribution toward the work at Baker."*

—Eleanor Gillis, from March 1988 correspondence

This fund's earnings can be used to provide support for scholars pursuing their research studies at the Baker Institute.

The Baker Institute acknowledges this couple's remarkable legacy. This very special gift is a lasting tribute to the memory of Eleanor and Gordon Gillis and their committed love of animals.



Mr. and Mrs. Andrew Mullen  
(in memory of Martini, Sassy, and Squeek)

Elizabeth Oberdorfer

Arnold Penner and Madaleine Berley  
(in honor of Dr. Thomas DeVincents)

Mr. and Mrs. Dennis Picano  
(in memory of Pepper, in honor  
of Dr. James Glendening)

Gerald Pogue (in memory of Max)

Maria Raffa  
(in memory of Buttons and Sammy)

Mr. and Mrs. Dennis Ringer  
(in memory of Lugger, Dempsey, and Cochese,  
in honor of Shana and Layla)

Mr. and Mrs. Steve Rockefeller  
(in memory of Cindy)

Mary Ann Ryan (in memory of Guy Ryan)

Alvin Safanie

Sheila Sanders  
(in memory of Aponaug and all her dogs)

John Schofield  
(in memory of Reggie and Brie)

William R. Shek (in honor of Max Appel)

Mr. and Mrs. Russell Solsky  
(in memory of Bosco)

Mr. and Mrs. Frank Stafford  
(in memory of Jasmine)

Mr. and Mrs. Jackson N. Steele  
(in memory of Chickie)

Dr. and Mrs. Edward F. Steinfeldt

Carl Taylor

Mr. and Mrs. Roy Taylor  
(in memory of Ollie)

Peter Weigel (in memory of Goober)

Mr. and Mrs. John F. Weiss (in memory of  
Mozart, Coffee, and Kahlua)

Bruce Widger, DVM

Bernadette Winnubst  
(in memory of Robert C. Paddock)

## BENEFACTORS

(Contributions of \$100 to \$249)

David Abbuhl (in memory of Sam)

Mr. and Mrs. Edwin Adelman  
(in memory of Mungee)

Gail Aeschbacher (in memory of Miaya)

Clayton Alderfer (in memory of Luther)

Dorothy Allen

Sheila Allen

Leo M. Alves and Patricia A. Grove  
(in memory of Belladonna, Took, and Gandalf)

Susan K. Amsler and Joseph Orton  
(in memory of China Silk and Mr. Shu)

P. Scott Anderson (in memory of Zeus)

Dr. and Mrs. Max Appel

Claudia Appelbaum (in memory of Noble)

Mr. and Mrs. Edward Arienti  
(in memory of George, Jackson, and Murdoch)

Andrew Arnold

Cynthia Auer (in memory of Wart/Mort)

Deborah Aviles  
(in memory of Jamie and Junior)

Elaine Balady (in memory of Miki Max)

Stephen Baldwin

Mr. and Mrs. Anthony Balzarano  
(in memory of Oreo and Doreen)

Mr. and Mrs. Charles Banino  
(in memory of Barney)

Mr. and Mrs. Sheldon Bank  
(in memory of Mooshu)

Rita Barber (in memory of Furball)

Mr. and Mrs. Neil Barnett  
(in memory of Muriel Katz and Mackie)

Gail Barouh (in memory of Paxton)

Mr. and Mrs. John Barrett II  
(in memory of Katherine McAllister)

Rosanne Barsamian (in memory of Smoki)

Mr. and Mrs. Robert Barter  
(in memory of Mister B and Tomah Joe)

Mr. and Mrs. Barzelay (in memory of Rebel)

Donna Baumer  
(in memory of Wyatt, Kempo, and Dylan)

Herman Baumgarten (in memory of Buffy)

William Beach  
(in memory of Rostof and Willie)

Mr. and Mrs. Jerry Bell (in memory of Ebony)

Mr. and Mrs. Theodore Berent  
(in memory of Caesar)

Mr. and Mrs. David Berkebile  
(in memory of Brandy and Becky)

Dr. and Mrs. Lewis Berman  
(in memory of Lilly)

Beverly Bertelsen (in memory of Ginger)

Sally Beucler (in memory of Maggie)

John Bird and Maura Weathers  
(in memory of Heidi and Gretchen)

Bischoff Family (in memory of Toyota)

Peter Bloch



Denise Block and Anne Metzger  
(in honor of Christine Johnston)

Sheree Bodary  
(in memory of Lady and Ginger)

Rosemary Bond (in memory of Rocky)

Wendy Bowditch (in memory of Kahana)

Haig Boyadjian (in memory of Cody)

Thomas Boyce (in memory of Winston)

Mr. and Mrs. Richard Boyer  
(in memory of Cayla)

Jennifer Boyle (in memory of Muffin)

Mr. and Mrs. William Bradley  
(in memory of Noble)

Kathleen Brady  
(in memory of Timothy and Otis)

Leslie Branger (in memory of Kiwi)

Margaret Brantley (in memory of Jaeger)

James Brenyo (in memory of Abby)

Mr. and Mrs. Mark Brokaw  
(in memory of Triton)

Mr. and Mrs. Fred Bromberg  
(in memory of John Louis Forrist and Lamb-  
chop)

Marjory Brooks (in memory of Whompus)

Elizabeth Brophy  
(in memory of Katherine McAllister)

Judy Bruzzzone (in memory of Ginger)

Robin Buckles (in memory of Chrissy)

Michael Buckley  
(in memory of Pancho-Apache)

Mr. and Mrs. Bruce A. Bucklinger

Alexandre Bugnon  
(in memory of Bowser and Shammy)

Joseph Bukowski  
(in memory of Honey and Bunny)

Linda Burdick (in memory of Sherman)

Mr. and Mrs. Howard Butnick  
(in memory of Reggie and Archie)

Mr. and Mrs. George Cacchio  
(in memory of Spirit)

Mr. and Mrs. Bob Canning  
(in memory of Teddy)

Marilynn Cafruny (in memory of Minou)

Mr. and Mrs. Michael Cain  
(in memory of Titan)

Gloria Calabro (in memory of Ginger)

Jeffrey Cane

Susan Canlis (in memory of Victoria)

James Cannon  
(in memory of Jim Cannon IV and Max)

Calli Carboni (in memory of Boo Boo)

Margaret Carkner (in memory of Katie)

Mr. and Mrs. Stephen Carl  
(in memory of Kelley and Rosie)

## In Memoriam

Mrs. Dolly Trauner, founder of the the Canine Eye Registry Foundation (CERF), passed away in November 2002. Mrs. Trauner received the Baker Institute's North Award in 1994 for her dedication to eradicating diseases of the eye in the dog and her lifelong support of the research at the Baker Institute.



Mrs. Dolly Trauner

Foremost among Mrs. Trauner's lasting contributions to the welfare of all dogs was her founding, along with her late husband, Dr. Lawrence Trauner, of the Canine Eye Registry Foundation (CERF) to promote the recognition of hereditary ocular disorder in dogs and implement methods for the control and elimination of these diseases using well-established breeding practices. Since its founding in 1974, CERF has made a two-pronged attack on genetically linked blindness in dogs through both registration and research.

"Mrs. Trauner was a caring and compassionate individual who was troubled by the number of hereditary problems that occur in dogs," says Dr. Gus Aguirre, Caspary Professor of Ophthalmology at the Baker Institute and a recipient of Mrs. Trauner's generous support of eye-related research in canines. "I can state unequivocally that Mrs. Trauner has been most influential in establishing the subspecialty of genetics within the field of veterinary ophthalmology."

Mrs. Trauner was a breeder and judge of poodles and Pomeranians and was approved to judge Shih Tzu and Yorkshire Terriers. She was a longstanding member of the Poodle Club of America, the Pomeranian Club of America (past president), the Poodle Club of Central California, Mission Trail Poodle Club, and the Pomeranian Club of Northern California. She served on the San Francisco Commission on Animal Control and Welfare. In addition, Mrs. Trauner was a respected writer for various dog publications.



Dr. and Mrs. Leland Carmichael  
(in honor of Dawn)

Mr. and Mrs. William Carroll  
(in memory of Gordy)

Mr. and Mrs. Michael Cerone  
(in memory of Max, Boomer, Essie, and Charlie)

Mr. and Mrs. Brian Chagnon  
(in memory of Bisky)

Janice Charles (in memory of Brandy)

Donald Chase (in memory of Lex)

Darlene Chauvin  
(in memory of Lucky and Teddy)

Chebac Kennels

Doreen Chelstowski (in memory of Wally)

Beverly Ann Chick (in memory of Misha)

Dr. and Mrs. James Childress

Edward Christensen (in memory of Hildi)

Mary Lou Ciulla (in memory of Waverly)

Mary Clair (in memory of Buddy)

Marshall Clark  
(in memory of Katherine McAllister)

Mr. and Mrs. Roger Clark  
(in memory of Yogi)

Ardy Clarke (in memory of Prairie)

Carol Cleary (in memory of Flirt and Glory)

Mr. and Mrs. Thomas Cleland  
(in memory of Cricket, Shawnee, Woody, Yank, Carmel, Lillie, Fiona, and Grendel)

Jacquelyn Clinton (in memory of Lance)

Mr. and Mrs. Dennis Collins  
(in memory of Dr. Wendell Moore)

Mr. and Mrs. Michael Conklin  
(in memory of Amanda)

Suzanne Connolly (in memory of Scout)

Mr. and Mrs. Dave Conroy  
(in memory of Ashley)

Barbara Consavage  
(in memory of Cheyenne Gasper)

Mr. and Mrs. Don Cooley  
(in memory of Pepper)

Kim Corallo (in memory of Sandee)

Marie Cornine (in memory of Shango)

Sharon Corrigan  
(in memory of Jeremy and Joshua T. Lidsky)

Carol Coulter  
(in memory of Molly and Nakita)

Karmen Couret (in memory of Sebastian)

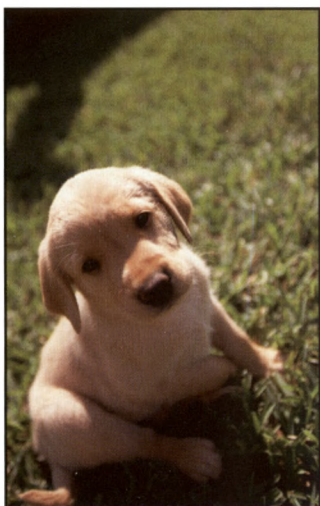
Mr. and Mrs. Robert Cowie

Stephen Cozzi (in memory of Bo)

Nicholas Cretella (in memory of Fuzzi)

Duane and Trudy Crockett  
(in memory of Spicey)

Heather Croner (in memory of Leo)



Linda Cronin  
(in memory of Bogie, in honor of Dr. Arthur Kronfeld)

Mr. and Mrs. Paul Cucchiara  
(in memory of Lady Jackalin)

Claire Cuniffe  
(in memory of Spanky, Buddy, and Max)

Laura Cunningham (in memory of Jenny)

Margaret Curtis

Mr. and Mrs. George Daab  
(in memory of Bud)

Elizabeth Dalton (in memory of Justice)

Patricia Daly  
(in memory of Quincy and Minnie)

Marc Dancer (in memory of Grover)

Joan Darcy (in memory of Loki)

James Dascoli (in memory of Rocky)

Helen Davis (in memory of Bonnie)

Irene Davison (in memory of Gita)

Anthony De Gregorio  
(in memory of Sid and Smokey)

Jo Ann De Libero (in memory of Nico)

Sylvia de Segur (in memory of Lexie)

Paul Dean  
(in honor of Perinton Veterinary Hospital)

Mr. and Mrs. Gordon Deangelo  
(in memory of Winnie)

Mr. and Mrs. James Dearborn  
(in memory of Woofie, Spider, Scooter, Sophie, Sweetie, and Duke)

Janice Dee  
(in memory of Maui, Sneekers, Cooney, and Buzz Dee)

Mr. and Mrs. Michael DeMarco  
(in memory of Rocky)

Adam Derrick (in memory of Bacio)

Mr. and Mrs. Robert Desarbo  
(in memory of Ryley)

Bruce Devlin

Lena Diab (in memory of Matsuri)

Lynne DiCostanzo (in memory of Nikki)

Theresa Donahue (in memory of Dakota)

Mr. and Mrs. Ted Dormeyer  
(in memory of Shadow)

Thalia Dorwick (in memory of Orlando)

Nancy-Carroll Draper

Joseph Driskill (in memory of Toby)

Mr. and Mrs. Lee DuBois  
(in memory of Benji and Jeb)

Jean Ducoffe  
(in honor of Dr. L. William Goodman)

Patty Duni  
(in memory of Sandy and Snickers)

Robert Dusche (in memory of Striker)

Ann Dwyer  
(in memory of Lady, Abbey Road, Muggs, and Rigel)

Mr. and Mrs. Wayne Dyer  
(in honor of Peter and Patricia Hollister)

Rose Eagen (in memory of Rocky)

L. Maija Earl and Edward Sparkowski  
(in memory of Ripley)

Elmira Kennel Club

Mr. and Mrs. James Elvidge  
(in memory of Sly)

Mr. and Mrs. Michael Emen  
(in memory of Garbo and Princess)

Joseph Emsley (in memory of Bogart)

Mr. and Mrs. Brian Enser  
(in memory of Jazzy, Bear, and Muffy)

Michelle Eschborn (in memory of Zoe)

Mr. and Mrs. Edward Estman  
(in memory of Murphy and Dexter)

Karen Etchberger (in memory of Chely)

## New Director of Public Affairs

Amy Gush joined the Institute's leadership team in March 2003 as director of public affairs, replacing former director Bonnie Baker.

Ms. Gush, who brings a broad complement of development, alumni affairs, and marketing skills to the position, says she is looking forward to implementing new fund-raising initiatives and outreach to the Institute's many friends and supporters. Ms. Gush, hired as a result of a national search, previously worked at Oregon State University in Corvallis, Oregon, where she was the primary fund-raiser and marketing/communications strategist for the Colleges of Pharmacy, Health and Human Performance, and Education for the past ten years.



Baker Institute public affairs director Amy Gush with her dogs Liberty and Sheila

"We are very pleased to have Amy on our team," says

Baker Institute director Doug Antczak. "She has a keen understanding of issues surrounding public health and medical research that are addressed by the science of veterinary medicine. This is a critical time of growth for the Institute, and we are confident that Amy's marvelous fund-raising skills will help bolster our base of private support."

Ms. Gush, a proud owner of an assortment of companion animals, has a personal interest in the Baker Institute and its mission to advance animal health. "This is the position I would create if I could fashion my 'dream job.' I am certain that the work that is taking place at the Baker Institute today will have enormous positive effects on the quality of life for future generations."

To learn more about how your gift can make a difference for the Baker Institute, contact Ms. Amy Gush at (607) 256-5661 or via e-mail at [adg25@cornell.edu](mailto:adg25@cornell.edu).

Lisa Feldman  
(in memory of Boo and Hannah)

Mr. and Mrs. Craig Fellers  
(in memory of Merlin)

Pam Ferrigno  
(in honor of Dr. Richard Esherrick)

Mr. and Mrs. David Ferris  
(in memory of Lucky)

Deborah Fertig (in memory of Conan)

Janet Fiebert (in memory of Lobo and Tasha)

Mr. and Mrs. Robert S. Fields

Ira Fields  
(in memory of Schmecky, Gimp, Ira, and Amie)

Mr. and Mrs. William Fitts  
(in memory of Murphy)

James Fogarty (in memory of Raisin)

James Foley (in memory of Taz and Hobie)

Mr. and Mrs. Alvin Foster  
(in memory of Zeus)

Linda Francke (in memory of Dill)





Elmer Fredd and Marion Bingert  
(in memory of Sarah Anne)

Thomas Froehlich (in memory of Shasta)

Mr. and Mrs. Ronald Fuydal  
(in memory of Tory)

Marion Gaigal  
(in memory of Ruffles and all their pets)

John Gallagher (in memory of Bull)

Kenneth Gantt  
(in memory of Tory, Casey, Montana, Toby,  
Mollie, and Zsa Zsa)

Jennifer Gatien (in memory of Chadi)

Mr. and Mrs. Jerome Gerl  
(in honor of Dr. G. Clayton Dudley and Dr.  
Roland B. Fowler)

Carol Gillispie  
(in memory of George "Buck" Gillispie and  
Tippy)

Brenda Giovannello (in memory of Hyway)

Mr. and Mrs. Gifford Glascoe  
(in memory of Will)

Brian Glaser (in memory of Jessie)

Ruth Goepfert (in memory of Fritz)

Joan Gold (in memory of Edison)

Linda Golden (in memory of Micki)

Richard Gordon (in memory of Graf)

Roberta Gordon  
(in memory of Dr. Bernard W. Rosen)

Spencer Gordon (in memory of Charcoal)

Bonnie Gorman  
(in memory of Ivan and Jazz)

Judith Gorra (in memory of Luke and Ralph)

John Gorsline (in memory of Teddy Bear)

Marlene Gottlieb (in memory of Heidi)

Maureen Gould (in memory of Sadie)

Daniel Grabel  
(in memory of Sable and Cheyenne)

Mr. and Mrs. Ben Graham  
(in memory of Casey Baby and Sandi Baby)

Dr. and Mrs. Richard Grambow  
(in memory of Grambow Pets, Betsy and Flame)

Mr. and Mrs. Timothy Grattan  
(in memory of Becks)

Green Heron Farm (in memory of Sophie)

Margaret Green (in memory of Cleo)

Mr. and Mrs. Ross Greenburg  
(in memory of Casey)

Joan Griffin  
(in memory of Humphrey and Sydney)

Mr. and Mrs. Marc Grodinsky  
(in memory of Emily)

Florence Grossman  
(in memory of Dr. Henry Grossman)

Mr. and Mrs. Frederick Haas

Judith Hadlock (in honor of Liz Maucieri)

Mary Haley (in memory of Prince)

Mr. and Mrs. James Hall

Kay Hansen (in memory of Sydney)

Patricia Harding (in memory of Gypsy)

David Harris  
(in memory of Katherine Percy McAllister)

Patricia Harrison  
(in memory of Aura and Ming Ming)

Maureen Harrison Faulds  
(in memory of Pebbles)

Helen Hart

Nancy Hathaway  
(in memory of Curry and Kelsey)

William Hay

Hayden Family (in memory of Dusty)

Stephen Heard  
(in memory of Zeke and Bung)

Fred Held (in memory of Britny)

Helen Hendershott  
(in memory of Chelsie, Pepper, and Nutmeg)

Alice Henry  
(in memory of Anna M. Gionfrido  
and Marion Wedge)

Vicki Herrmann  
(in memory of Buckminster,  
in honor of Blacksburg)

Elizabeth Hess

Mike, Anita and Amy Hesser  
(in memory of Reno, Shelby, and Shiloh)

Roberta Jackson  
(in memory of Patrice and Mindy)

Teresa Jackson (in memory of Kyla)

Mr. and Mrs. Skip James  
(in memory of Mocha)

Anna Jentsch (in memory of Ming and Taz)

Mr. and Mrs. John Jesser  
(in memory of Skidder)

Terry Johannesen Jr. (in memory of Jazz)

Albert Johnson (in memory of Tippi)

Gretchen Johnson  
(in honor of Dr. Brenda Iannucci)

Mr. and Mrs. Gilbert Johnson  
(in memory of Trooper)

Mr. and Mrs. Richard Jones  
(in memory of Casey and Indiana)

Mr. and Mrs. John Jones  
(in memory of Abina)

Beth Jupp (in memory of Grady)

Mr. and Mrs. Charles Kaman  
(in memory of Nick Mickelson)

Mr. and Mrs. Jack Kane  
(in memory of Daffy and Daisy)

*"No one appreciates the very special genius of your conversation as the dog does."*

—Christopher Morley

Pam Hideriotis  
(in memory of Cinnamon and Spice)

Lawrence Higbee (in memory of Toddy)

Katherine Hildreth (in memory of Dylan)

Lois Hilgeman

Mr. and Mrs. George Hill  
(in memory of Edison)

Klaus Hirschal  
(in memory of Champ and Micky)

Donald Hitt and Joan Kaiser  
(in memory of Dr. Peter Poggi)

Janet Hoch (in honor of Dr. Theodore Hoch)

Bernice Hodgins (in memory of Jett)

G. A. Holahan

Mr. and Mrs. David Holowka  
(in memory of Samwise)

Margaret Holzberger  
(in honor of Dr. James Ansley and his staff)

Karen Horan (in honor of Michael Horan)

Mr. and Mrs. Winchester Hotchkiss  
(in memory of Katherine McAllister)

Dr. and Mrs. James House

Virginia Howe (in memory of Rocky)

Hudson Valley Boundaries  
(in memory of Chloe, Bogie, Whisper, and  
Buster)

Maria Von M. Huggins (in memory of Mia)

Mr. and Mrs. Karl Huppert  
(in memory of Angel, Token, Nikki, and  
P-Nutty)

Sabina Hutt  
(in memory of Tallulah, in honor  
of Dr. Mary Keating)

Internal Medicine Support Services  
(in memory of Pepper)

Joan Jackson  
(in memory of Dr. Stanley W. Jackson,  
Mikhail, Timothy, Paddy McGinty,  
Macpherson, and Casey)

Mr. and Mrs. Walter Kann  
(in memory of Victoria)

Joyce Kaplan (in memory of Teddi)

Brian Kaviar (in memory of Bruce Lee)

Carla Kazanjian and Don Giroux  
(in memory of Scampy, Rembrandt, Kayla, and  
Bella)

Scott Kearney (in memory of Biff)

Mr. and Mrs. Kelly Keech (in memory of Cleo  
and Boscoe)

Brian Kelleher (in memory of Joy)

Mr. and Mrs. Christopher Keller  
(in memory of Paddles)

Glenn Keller (in memory of Dinsdale)

Mark Kelly  
(in memory of Murray, Woody, and  
Khrushcner)

Kennel Club of Niagara Falls

Nancy Kent King  
(in memory of Katherine McAllister)

Susan Kerner-Hoeg (in memory of Bucky)

Mr. and Mrs. Richard Kilsheimer  
(in memory of Sambuca)

Louise King  
(in memory of Bosco, Henry, and Maxwell)

Mr. and Mrs. Gerald King  
(in memory of Adam, Alec, and Sasha)

Delores King  
(in memory of Autumn, Olive, and Robert)

Mr. and Mrs. Edward Kingma  
(in memory of Cory and David Van Buskirk)

Barbara Kingsborough (in memory of Dillon)

Marilyn Kippen (in memory of Tootsie)

Linda Kleet (in memory of Muffin and Larry)

Darlene L. Klein  
(in memory of Elvis, in honor of Betsey Lynch,  
Napier, and Sugar)

Dr. and Mrs. Arthur Knochenhauer  
(in memory of Bertha Ferraro)

Margaret Kostik (in memory of Kazbek)

## The Baker Institute Animal Health Fund

*Honoring the partnership between animals and humans*

In 2002, we had a repeat success with our second annual fund drive in support of the Baker Institute Animal Health Fund.

Funds raised through this important annual campaign help ensure that Institute scientists are able to continue their research to advance the health of the animals who so faithfully serve mankind. Donations to the Baker Institute Animal Health Fund also provide seed money for promising new areas of research.

The Baker Institute extends a special thanks to our many friends who help support this vital fund-raising effort.



Delores Kralicek  
(in memory of Mark and Cleo)

Mr. and Mrs. Jules Kroll  
(in honor of Thorgis)

Allison Kubik  
(in memory of Lois, Tara, and Beau)

Labrador Retriever Club of the Pioneer Valley (in memory of June Cook and Dorothy Burnowski)

Dean Lage (in memory of Missey)

Mr. and Mrs. Thomas Lamoreaux  
(in memory of Jake, Casey, Chelsea, Mort, and Bo)

Alexandra Langner  
(in memory of Quincy, Hannibal, and Nicky)

Sharon LaPier (in memory of Oscar)

Randi Larowitz (in memory of Humding)

Mr. and Mrs. James Lathrop  
(in memory of Oatmeal, Socks, Bailey, and Mr. Gray)

Mr. and Mrs. Robert Laughlin  
(in memory of Hamish and Priscilla)

Marta Jo Lawrence

Mr. and Mrs. J. C. Lawton  
(in memory of Charmaine, Sailor, and Jaimie)

Robert Lee (in memory of Dr. Y. N. Liu)

Mr. and Mrs. Jack Leib (in memory of Fifi)

Mr. and Mrs. Stephen Leibeck  
(in memory of Katie, Lily, Rainbow, Minnie, Quincy, and our family cats)

Joan Leveck (in honor of Dr. Marc Wallach)

Heath Levine (in memory of Basia)

Joy Levy

Sheree Libby (in memory of Niki and Maxi)

Paula Lindner  
(in memory of Randy and Jake)

Mr. and Mrs. Robert Lipper  
(in memory of Farfel)

Sandra Lipset (in memory of Ski and Woody)

A. Dwight Lopes (in honor of Doug Antczak)

James Loveland (in memory of Buffy)

Dennis Lubozynski (in memory of Sparky)

Laurie Lychalk (in honor of Chessie and IQ)

Patricia Lyman (in memory of Pekes)

Dr. and Mrs. Robbe Lyon  
(in memory of Cheerio)

Marjorie MacAllister  
(in memory of Maggie, Hunter, Emma, and Andrew)

Marjorie Madera (in memory of Robert)

Alma Maler

Vivien Malloy  
(in memory of Holly and Princeton)

Gloria Manente (in memory of Heidi)

Maple Grove Restorations  
(in memory of Mort/Wart)



Mr. and Mrs. Joseph Marrese  
(in memory of Sherman)

Mr. and Mrs. Paul Marshall  
(in memory of Cassie, Max, Dinah, and Raffles)

Jean Martin

Mr. and Mrs. Marshall Martin  
(in memory of Miss Abby)

Nancy Maruyama (in memory of Raffa)

Mastiff Club of America  
(in memory of Trouble)

Susan Matheson

Douglas McClure  
(in memory of Minnie and Zeus)

Mr. and Mrs. John McCoy  
(in memory of Reggie and Rosie Hartley)

Mr. and Mrs. David McCrarey  
(in honor of Matawan Animal Hospital)

Patricia McDermott  
(in memory of Michael and Sophie)

Crane McDonald (in memory of Mitzy)

Jane McKinnell (in memory of Tru)

Carol McKinzie  
(in memory of Gigi, Mitzi, and Maggie)

Larry McMillin (in memory of Travis)

Thomas McNamara (in memory of Monty)

Dr. and Mrs. Vijayan Menon  
(in memory of Skipper and Tyler)

Sheryl Mercado (in memory of Sambo)

Martha Meskutovecz  
(in memory of Muffen, Chrissy, and Walter Boston)

Joanne Meyerhoff (in memory of Brittany)

Mr. and Mrs. Keith Michels  
(in memory of Tara)

Mr. and Mrs. Mihok

Douglas Miller  
(in memory of Butterball, Pepper, and Catfish)

Mr. and Mrs. Matthew Miner  
(in honor of Lauren E. Miner)

Deborah S. Mintz (in memory of Nutmeg)

Mr. and Mrs. Glenn Mishuck  
(in memory of Beau)

Bruce Mitchell (in memory of Dobbs)

Mr. and Mrs. Mark Mitchell  
(in memory of Bucky)

Mr. and Mrs. Bruce Mitchell  
(in memory of Kali)

Mr. and Mrs. Robert Monaco  
(in memory of Samantha and P)

Mr. and Mrs. Michael Monopoli  
(in memory of Toby Tyler)

Charles Montagna (in memory of Fasa)

Mr. and Mrs. Kenneth Montgomery  
(in memory of Tippi)

Sue Moore (in memory of Benji and Boomer)

Mr. and Mrs. Scott Moore  
(in memory of Rebel, Rocket, Carl, and Chamois)

Joann Moroz (in memory of Kiwi)

Lynda Morris and John Kazmark  
(in memory of Bear)

Mr. and Mrs. Robert Moulder  
(in memory of Princess)

Shirley Moyer (in memory of Muffy)

Joan Mszanski (in memory of Tobin)

Mr. and Mrs. Franco Muggia

Irene Murphy (in memory of Remy)

Ann Marie Murray  
(in memory of Max and Kimba)

Dorothy Musler (in memory of Tara)

Rina Najman (in memory of Tasha)

Mr. and Mrs. John Neet  
(in honor of Jerry Ratterree)



*"If your dog doesn't like someone, you probably shouldn't either."*

—Unknown

Mr. and Mrs. Steven Neitz  
(in memory of Ginger)

Ellen Newhouse  
(in memory of Peat Buckmaster)

Jo Newkirk and Bernice Morehouse  
(in memory of Sweetie)

Diana Niles (in memory of Mokka)

Mr. and Mrs. Terry Noftall  
(in memory of Lass, Mischief, and Lucky)

Mr. and Mrs. Michael Nolan

Frances Oldfield (in memory of Cinnamon)

Mr. and Mrs. Nai Phuan Ong  
(in memory of Benji and Brittany)

Jane Osczkowski (in memory of Snoopy)

Gene Oshrin (in memory of Honey)

Alida Ostromecki (in memory of Jade)

Shirley Paddock  
(in memory of Robert C. Paddock)

Mary Lou Paletta

Nancy Palmer  
(in memory of Button and Beau)

Juliane Palumbo  
(in memory of Ozzie Terrasi)

Edith Papastefanou (in memory of Ginger)

William Pape (in memory of It's a Giggle)

Joseph Parisi  
(in memory of Annie and Drake)

Mr. and Mrs. Michael L. Parker

Mr. and Mrs. Alfred Paulsen  
(in memory of Lacey)

Sarah Peacock (in memory of Sadie)

Mr. and Mrs. Richard Pearl  
(in memory of Brutus, Kiwi, Symon, and Gigi)

Saul Pedrera (in memory of Duke)

Joyce Perelman  
(in honor of Dr. Lawrence C. Mauer)

Mr. and Mrs. Robert Perlstein  
(in memory of Reijo)

Mr. and Mrs. Francis Person, Jr.  
(in memory of Angus, Starr, and Jesse)

Mr. and Mrs. Rocco Petitio  
(in memory of Pie)

Mr. and Mrs. Mark Philippbar  
(in memory of Dolly)

Bruce Phillips (in memory of Logi-Bear)

Mr. and Mrs. Joseph Pirola  
(in memory of Buster)

Anne Plimpton (in memory of Triton)

Patricia Poggi  
(in memory of Peter V. Poggi, Jr.)

Jerome Pollitt

Dr. and Mrs. Roy V. Pollock  
(in memory of Fatty)

Mr. and Mrs. Richard Polochock  
(in memory of Conan and Maxwell)

Monica Ponce De Leon  
(in memory of Laszlo and Buda Vizsla)

Jane Ponty and Alexander Cox  
(in memory of Ch. Hondo, Willy, and Zurke)

Cynthia Pope (in memory of Heather)

Ethel Posner (in memory of Shadow)

Arvilla Powell (in memory of Micah)

Mr. and Mrs. James Putnam  
(in memory of Dr. Lowell Hughes)

Mr. and Mrs. William Quinby  
(in memory of Gretel)

Linda Radulich (in memory of Spike)

Jennifer Rautine (in memory of Keats)

Jean Rawn  
(in memory of Lizzie, Sporty, Maestro, and Chandler)

Patricia Reese (in memory of Nikki)

Eugenia Reinbold  
(in memory of Dr. James Baker)

Orianna R. Richards  
(in memory of Cinder Snoop and Muggs Kylie Skye)

Mr. and Mrs. Steven Richman  
(in memory of Biff)

Wendy Richter (in memory of Hershey)

Allison Riley (in memory of Ezra)

Victoria Rininger  
(in memory of Webster, Worf, and Duke)

Shelagh Rivers (in memory of Ralph)

Mr. and Mrs. Frank Rizzo  
(in memory of Nike)

Kent Roberts, DVM

Mr. and Mrs. David Rojek  
(in memory of Max and Lady)



Cheryl Roman  
(in memory of Max Zakrzewski)

Mr. and Mrs. Bertram Rosen  
(in memory of Tyler)

David Rosen (in memory of Snowy)

Mr. and Mrs. Gerald Rosenberg  
(in memory of Brioche)

Dr. and Mrs. Richard Rosenberg  
(in memory of Apricot)

Mr. and Mrs. Joseph Rubach  
(in memory of Sampson and Lucky)

Harry Rubeck Jr. and H. G. Rubeck  
(in memory of Topper, Tyler,  
Oscar, and Schneider)

Mr. and Mrs. Jeffrey Rubenstein

Mr. and Mrs. Robert Rugeroni  
(in memory of Poppi)

Joseph Russo (in memory of Danny)

James Sabino (in memory of Samantha)

Mr. and Mrs. John Sackis  
(in memory of Shawnee)

Mr. and Mrs. Jeff Sadowski  
(in memory of Brophy)

Edward Saillant II (in memory of Misty)

Michael Sambriski (in memory of Russ)

Joanna Samson  
(in memory of Maggie and Gus)



Kay Shipman (in memory of Zeke and Cindy)

Shirwill Trim Shop

Caroline Shook  
(in memory of Louie, Jack, Freckles, and  
Winnie)

Linda Sichak (in memory of George)

Mr. and Mrs. Sanford Siegelstein

Ricki Silveria (in memory of Sasha)

Cheryl Skennion (in memory of Abby)

Mr. and Mrs. Richard Sloan  
(in memory of Mitisie, Princess, Sage, Mindy,  
and Muggsie)

Mr. and Mrs. Bradley Sweeny  
(in memory of Winston)

Anne Swift  
(in memory of Montana and Calvin)

Bie Tan  
(in memory of Sandy, in honor of Dr. Timothy  
Sung and staff at Hercules Pet Clinic)

Mr. and Mrs. John Taranto  
(in memory of Jenna Wade)

Diane Taylor

Martha Teichner (in memory of Piggy)

Cesar Tello, DVM

Fern Terlinsky (in memory of Missy)

John Thade (in memory of Bear)

Margaret Thalman  
(in memory of Walter A. Thalman)

The Connecticut River Valley Golden  
Retriever Club  
(in memory of June Cook)

Brenda Thieberg  
(in memory of Cindy, Sam, and BamBoo)

John Thomas, DVM

J. Robert Tolchin (in memory of Yankee)

Lorili Toth  
(in memory of Savannah and Tundra,  
in honor of Dr. Terry F. Allen)

Mr. and Mrs. Charles Townsend  
(in memory of Mrs. Donald McAllister)

Mr. and Mrs. Steven Tozier  
(in memory of Linus)

Donna Trent (in memory of Queenie)

Dina B. Tresnan (in memory of Cory)

Jeanne Troha (in memory of Sam)

Mr. and Mrs. Bill Trucali  
(in memory of Theda)

Margery Turner  
(in memory of Buddy and Pookie)

Mr. and Mrs. James Turner  
(in memory of Kodi, in honor  
of Delmar Animal Hospital)

Mr. and Mrs. John Tuyn  
(in memory of Meisha, in honor of Robin Piere)

Two Cities Kennel Club

Mr. and Mrs. Thomas Tyrrel  
(in memory of Hedda)

Mary Unkefer (in memory of Bridgette)

Mr. and Mrs. Theodore Vaill  
(in memory of Patchy)

Mr. and Mrs. Michael Vairette  
(in memory of Devon and Tasha)

Pete Valdata (in memory of Dudley)

James Van Cura  
(in memory of Darby and Nohi)

Peter Van Heide

Mr. and Mrs. Clatus Van Zile  
(in memory of Kandi)

Alena Verderame (in memory of Moo-Shu)

William Viens (in memory of Bailey)

Patricia Villa (in memory of Gauge)

Allen Wachtel

Mr. and Mrs. Allen Wahlberg  
(in memory of Rosemary)

Mr. and Mrs. Edward Wajdo  
(in memory of Chiquita)

Sandra Waldman  
(in memory of Miss Elizabeth)

Mr. and Mrs. David Walowitz  
(in memory of Stormy)

William Ware (in memory of Lenny)

Mr. and Mrs. Gregory Warmuth  
(in memory of Zadie)

Virginia Washburne (in memory of Kirk)

Wendy Weichert (in memory of Molly)

Richard Weir III (in memory of Fleet)

Lucy Weizenecker  
(in memory of Peaches and Caliope)

John Welch (in memory of June Cook)

Tim Welch (in memory of Eddie D.)

Patricia Weldon Wilson  
(in memory of Shanabury)

Barry Werner (in memory of Waffles)

Mr. and Mrs. Ron White  
(in memory of Osh, Roscoe, Molly, and Cleo)

Mr. and Mrs. Jay White  
(in memory of Robert)

Mr. and Mrs. Gerald White  
(in memory of Cosmos)

Carolyn Whitesides (in memory of Samson)

John Whitworth (in memory of Natalie)

Mr. and Mrs. Greg Wieting  
(in memory of Sunny Boy Blue  
and Simon Q Star)

Pauline Williman (in memory of Sandy)

Glenn Wilson (in memory of Mac)

Sabine Winchell (in memory of Belle)

Phyllis Winton  
(in memory of Missy, Brandy, Dane, and Falco)

Sue Woodrow  
(in memory of Toasty and Dempsey)

Woodstock Dog Club

Robbie and Skip Wright  
(in memory of Sophie)

Mr. and Mrs. Frank Wyss  
(in memory of Shannon Turney)

Mr. and Mrs. Donald Yost  
(in memory of Toller)

James Young  
(in memory of Catherine M. Young and Cas-  
sandra)

Eric Young (in memory of Penny)

Mr. and Mrs. Robert Zentner  
(in memory of Brandy and Droopy Rose)

William E. Ziteck  
(in honor of Dr. Roger A. Laundry)

Carl Zymet  
(in memory of Duffy and Baby Dawn)

*“Like the body that is made up of different limbs and  
organs, all mortal creatures exist depending on one  
another.”*

—Hindu Proverb

Drs. Sara and David Sanders

Elaine Sands (in memory of Spencer)

Evelyn Savino (in memory of Spirit)

Julie Schaefer  
(in memory of Ginger and Missy)

Sara Schaffzin (in memory of Zorba)

Barbara Scheffler  
(in memory of Jelly, in honor  
of Dr. Louis Budik)

Leslie Schettino (in memory of Jake)

Anna Scheuer (in memory of Mickey)

Pamela Schider (in memory of Joe Cool)

Helene Schlossberg  
(in memory of Donald H. and  
Katherine P. McAllister)

Sue Schoff (in memory of Baxter and Royal)

Dana Schwartz (in memory of Sinatra)

Mr. and Mrs. Charles Scott  
(in memory of Ace)

Margaret Scott  
(in memory of Teddy, in honor of Dr. Farber)

Rebecca Seacord  
(in memory of Scotia, Snarls, Lake, Major,  
Pauline, and Darth Vader)

Brenda Seal (in memory of Chelsea)

Felix Sebacious  
(in memory of Schultz, meine kleine Maus)

Haskell Seymour (in memory of Jo Jo)

Mr. and Mrs. Herbert Shagg  
(in memory of Tiffany)

Mr. and Mrs. John Shaw  
(in memory of Woofat, Angel,  
Tasha, and Shan-Si)

Gladys Sheil (in memory of Lovee and Mimi)

Helen Sheldon (in memory of Max)

Shige Shimado (in memory of Coco)

Anne E. Smith (in honor of Dr. Eisenhard)

Amy Smith (in memory of Jana)

Carl Smith (in memory of Corky)

Paige Smith  
(in memory of George Gibson,  
Hugo, and C-Dog)

Julia Snyder  
(in memory of Margaret Mary Snyder)

Diane Snyder (in memory of Sadie)

Mr. and Mrs. A. Ronald Sorrentino  
(in memory of Reba and Sadie)

Mr. and Mrs. John Spiegel  
(in memory of Tobey)

Gertrude Stahl  
(in memory of Mickey and Louie)

Laurel Stanley (in honor of Dr. Rob Hoppe)

Polly Starr (in memory of Lucy and Sam)

Mr. and Mrs. Curtis Steinhour  
(in memory of Mr. Little Bits of Fudge)

Roger Stern  
(in memory of Chester and Prowler)

Matthew Stewart (in memory of Jake)

Tracy Stokol (in memory of Caper)

John D. Stoner (in memory of Whitie)

Benjamin Strouse (in memory of Ralph)

Tracy Stuart (in memory of Hanako)

Ann Marie Suchodolski  
(in memory of Samuel J. Giordano, Jr.)

Shanna Sullivan  
(in memory of Sue, Glen, Mr. Jammers, Harold,  
Miss Molly, Mrs. Cruikshank, and Panther)

Leslie Sullivan-Stacey (in memory of Beauty)

Sandra Suplicki (in memory of Shane)

Mary Surico (in memory of Sheeba)

Nancy Swanson  
(in memory of PJ and Beamer)

## FRIENDS

Estelle Aaron (in memory of Bacall)

Lois Abbott (in memory of Allison)

Lori Abbott (in memory of Casey)

Mr. and Mrs. Richard Abbott  
(in memory of Jake)

Mr. and Mrs. David Abend  
(in memory of Hercules, Josh, and Jake)

Mr. and Mrs. Richard Ablin  
(in memory of Beau)

Eileen Abraham (in memory of Gizmo)

Mr. and Mrs. Anthony Adamo  
(in memory of Trooper)

Mr. and Mrs. Lawrence Adams  
(in memory of Barney)

Christine Adams (in memory of Shiner)



Bruce Adams and Cynthia Sakshaug  
(in memory of Tonka)

Carol Adams (in memory of Scruffy)

Mr. and Mrs. Gene Akeley  
(in memory of Simba)

Stratos Alamanos (in memory of Karl Butler)

Joan Albert (in memory of Elaine Schramm)

Lyle Allan and Joanne Festa  
(in memory of Ray)

Sigrid Allen  
(in memory of Dune, Angus, and Odie)

Terry Allen  
(in memory of Zorba, Jasper,  
Rootie, and Stormie)

Robert Allen (in memory of Ginger)

Allentown Dog Training Club

Mr. and Mrs. Stanley Alpert

Carolyn Alvarez (in memory of Amber)

Mr. and Mrs. Richard Amsel

Skip Amundson

Marion Anderson

Mr. and Mrs. Norman Anderson

Carole Anderson (in memory of Nimrod)

Mr. and Mrs. Woodrow Anderson  
(in memory of Maggie)

Mr. and Mrs. Arnold Andolsek  
(in memory of Koko Blue)

Kim Andreas (in memory of Marcus)

Stacy Andrews Brewer  
(in memory of Christopher)

Anonymous (in memory of Ginger)

Beryl Anton

Josephine Antone (in memory of Shiva)

Mr. and Mrs. Ron Apatoff  
(in memory of Vanna and Sam)

Davia Appel (in memory of Petunia)

Dr. and Mrs. Ronald Applbaum  
(in memory of Shadow)

Peter Arato (in memory of Lulu)

Evelyn Arcabascio (in memory of Bo)

Mr. and Mrs. John Arnott  
(in memory of Mindy, Timothy,  
Tiga, and Duffy)

Linda Arpino (in memory of Alex)

Monica Astudillo (in memory of Brandy)

Susan Atkins (in memory of Benson)

Judith Aufiero (in memory of Ginger)

Allen Avrutin (in memory of Betsy)

Tammy Ayyoub (in memory of Agarn)

Ethel F. Bacon  
(in honor of Dr. Ann Huntington)

Migdoel Badea (in memory of Major)

Frances Baird (in memory of Happy)

Mr. and Mrs. Ricky Baird  
(in memory of Lady)

Rebecca Baker  
(in memory of Jasmine and Krissie)

Mr. and Mrs. Michael Bakutis  
(in memory of Jasper)

Sandra Baney (in memory of Tiffany)

LaRee Bannerman (in memory of Maxine)

Rose Bargas (in memory of Bo)

Felicia Barlow (in memory of Willie)

Mr. and Mrs. Henry Barrett  
(in memory of Ruffles)

Nancy Bartello (in memory of Mandeel)

May Bartlett (in memory of Moosey)

Mr. and Mrs. John Barton  
(in memory of Groll)

Diane Bartosik (in memory of Beauty)

Samuel Basch (in memory of Alexander)

Jane Basey (in memory of Samson)

Sharon Battistelli  
(in memory of Abina, Carrie, and Hannah)

Dr. and Mrs. Stephen Bauer  
(in memory of Chelsea)

Catherine Bauer (in memory of Mac Gyver)

Sheryl Bauman  
(in memory of Gizzy and Kosmo)

Mr. and Mrs. Chester Bay  
(in memory of Happy)

Dennis Bay (in memory of Mugsie)

Mr. and Mrs. Baychuck  
(in memory of Chiva)

Mr. and Mrs. Kirk Beattie  
(in memory of Kodi)

Teresa Becker  
(in memory of Bissi and Windy)

Bella Becker (in memory of Star)

Mr. and Mrs. Robert Becker  
(in memory of Sophie)

Mr. and Mrs. Gregory Beeman  
(in memory of Cosby)

Elizabeth Behm (in memory of Tootsie)

Mr. and Mrs. Gary Beiersdorf  
(in memory of Laddie)

Wendy Belkin-Goldstein  
(in memory of Beauregard)

Lisette Belli (in memory of Cyndi Sue)

Mr. and Mrs. Anthony Bellucco  
(in memory of Rocky)

Galen Benjamin  
(in memory of Rebel and Danger)

Mr. and Mrs. Jules Benjamin  
(in memory of Einstein and Simon)

Ethel Benninger  
(in memory of Cody and Toby)

Mary Benoit (in memory of her dogs)

Kathleen Benoit (in memory of Tiffany)

Susan Benyo (in memory of Sandy)

Mr. and Mrs. Thomas Beresford  
(in memory of Bob Paddock)

Christine Berg  
(in memory of Squeaky and Sarah)

Mr. and Mrs. Alfred Bergen  
(in memory of Angel)

Betty Bergeitner (in memory of Tolstoy)

Mr. and Mrs. Ronald Berk  
(in memory of Hogan, in honor of Thomas)

Mr. and Mrs. Stan Berkowitz  
(in memory of Bo)

Eric Bernabe (in memory of Butch)

Mr. and Mrs. Frank Bernstein

Kathleen Berry (in memory of Chrissy)

Penny Bertalan (in memory of Skylar)

Joanne Best  
(in memory of Bear, Magoo, and JD)

Robert Beyer (in memory of Shamus)

Mr. and Mrs. Michael Bilbao  
(in memory of Bridgette and Tyler)

Mr. and Mrs. Warren Birch  
(in memory of High links)

Elizabeth Bishop (in memory of Posey)

Bonny Bittel (in memory of Casey)

Francis Blanco

Mr. and Mrs. Allan Blauner

Jeannine Bliss (in memory of Razz)

Mr. and Mrs. Alan Blocker  
(in memory of Lucy and Lucky)

Mr. and Mrs. James Bloom  
(in memory of Winston)

Margaret Boyd (in memory of Tiny Lady)

Eva Boyle (in memory of Trixie)

Tammy Brace (in memory of Bud)

Kathleen Bradley (in memory of Chelsea)

Sheila Brady (in memory of Tara)

Martha Brann (in memory of Beau)

Eleanor Brennan (in memory of Nikki)

Mr. and Mrs. Joseph Brenner  
(in memory of JD)

Gregory Brenner (in memory of Gael)

James Bridges  
(in honor of Scott and Joanne Hemenway)

Annetta Briggs

## A Legacy of Love: Charitable Bequests

Charitable bequests provide a meaningful way for you to support the Institute's work for future generations. A bequest, or gift by will, is an attractive option when a donor is currently unable to make an outright gift, but wishes to make a contribution to the Baker Institute in a meaningful way. Bequests may be designated for a specific purpose or earmarked as an unrestricted gift to be used where most needed.

A specific bequest will involve donating a set amount or percentage of assets from an estate to the University. Residual bequests are left to the Institute after all debts, expenses, and taxes have been paid from an estate.

For more information about establishing a charitable bequest to benefit the Baker Institute, or to learn more about the tax benefits of giving to the Baker Institute in addition to gifts that pay income back to the donor, contact Ms. Amy Gush at (607) 256-5661 or via e-mail at [adg25@cornell.edu](mailto:adg25@cornell.edu).

Patricia Blotney (in memory of Thor)

BLS Landscaping (in memory of Fred)

Anne Bochese (in memory of Max)

Jane Bodamer (in memory of Norma Kozlak)

Peter Bodycombe  
(in memory of Candy Cane, in honor of Fountain House Veterinary Clinic)

Kathy Bonassi (in memory of Lucky)

Ellen and Mary Bonaventura  
(in memory of Sammy)

Lewis Bond (in memory of Trixie)

Richard Bonekoskey (in memory of Rommel)

Judy Bongo (in memory of Kori)

Jennie Bonowski (in memory of Brandy)

Kitty Borah (in memory of Piggy)

Seth Borne (in memory of Lulu)

Kathy Boroczky  
(in memory of Tucker and Bandit)

Mr. and Mrs. Ed Boulanger  
(in memory of Marshall)

Dorothy Bowers (in memory of Tobbee)

Mr. and Mrs. Eansley Boyce  
(in memory of Jenny, in honor of Dr. Barry Kopp)

Mr. and Mrs. Edwin Bright  
(in memory of Bright and Squire)

Marsha Brighton (in memory of Mulli)

Christine Brinnier (in memory of Smokey)

Mr. and Mrs. Joe Brinson (in memory of Bo)

Bronze Body Tanning (in memory of Rosco)

Mr. and Mrs. Richard Brook  
(in memory of Muddle, in honor of Dr. Mark Helfat)

Ruth Brooks (in honor of Dr. Michael Woltz)

Rachel Brooks (in memory of Skipper)

Martha Brown (in memory of Skipper)

Mr. and Mrs. Daniel Brown  
(in memory of Mitsui)

Mary Ann Brown (in memory of P-Nutty)

Mr. and Mrs. Kolman Brown  
(in memory of Daisy)

Susan Brown (in memory of Navy)

Mr. and Mrs. William Bruyere  
(in memory of Buddy)

Raymond Buck (in memory of Magic)

Carol Buck (in memory of Boomer)

Peg Bugara (in memory of Coco)

Paul Bunda (in memory of Buddy)





Holly Bunn *(in memory of Norma Kozlak)*  
 Marilyn Burbott  
 Mr. and Mrs. Joseph Burgess  
*(in memory of T-Bone)*  
 John Burke *(in memory of Turk and Bessie)*  
 Kathleen Burkert *(in memory of Lance)*  
 Mr. and Mrs. Gene Burkhardt  
*(in memory of Crystal)*  
 Mr. and Mrs. Gordon Burney  
*(in memory of Freedom)*  
 Terry Burris  
*(in memory of Buddy and Tinker)*  
 Angie Burzynski  
 Mr. and Mrs. Allan Buttrick  
*(in memory of Oliver)*  
 Mr. and Mrs. George Butts  
*(in memory of Nicole)*  
 Robert Byles *(in memory of Dalton)*  
 Mr. and Mrs. James Cabot  
*(in memory of Katie)*  
 Christine Calamia *(in memory of Dusty)*  
 Mr. and Mrs. Gary Calarco  
*(in memory of Charlie)*  
 Connie Caldwell *(in memory of Koenig)*  
 Anthony Caliri, Jr.  
 Mr. and Mrs. Jeff Calkins  
*(in memory of Brandy)*  
 Carol Camelo *(in memory of Jenny)*  
 Jeanette Cameron *(in memory of Jessie)*  
 Matthew Campau *(in memory of Lulu)*  
 Mr. and Mrs. Hazard Campbell  
*(in memory of Katherine McAllister)*  
 Anna Campbell *(in memory of Sam)*  
 Terree Campbell *(in memory of Beau)*  
 Mr. and Mrs. Tim Canfield  
*(in memory of Tinker Royal)*  
 William Canham  
*(in memory of Brooks Davis, Herbert,  
 and Toby O'Brien)*  
 Mr. and Mrs. Victor Cantor  
 Peg Capobianco *(in memory of Daisy)*  
 Anne-Marie and Adrian Caponera  
*(in memory of Casey Jones)*  
 Mr. and Mrs. Donald Capra  
*(in honor of Patsy and Peter Hollister)*  
 Mr. and Mrs. Blair Capriotti  
 Gail Caravella  
*(in memory of George F. Conrad)*  
 Mr. and Mrs. Joseph Caravello  
*(in memory of Ruffles)*  
 Carol Carberry *(in memory of Clementine)*  
 Mr. and Mrs. Patrick Carley  
*(in memory of June Cook)*  
 Mr. and Mrs. Michael Carlino  
*(in memory of Princess)*  
 June Carlough *(in memory of Tasha)*  
 Marie Carlson  
*(in memory of Dr. Thurman C. Vaughn and in  
 honor of June C. Vaughn)*  
 Alice Carlson *(in memory of Susie and Lucky)*  
 Mr. and Mrs. Robert Carman  
*(in memory of Brooke and Jake)*  
 Linda Carmardella *(in memory of Spunker)*  
 Linda and Marie Carmardella  
*(in memory of Pepper)*  
 Nancy Carmody *(in memory of Charlie)*  
 Jeanne Caron *(in memory of Kay-Cee)*  
 Mr. and Mrs. Terry Carpenter  
*(in memory of Bailey)*  
 LeeAnn Carrico *(in memory of Cozmo)*  
 Carla Carroll *(in memory of McKenzie)*  
 Mr. and Mrs. Ralph Casagrande  
*(in memory of Nakita and Lady)*



Patricia Cassimatis *(in memory of Tom)*  
 Elizabeth Cauthers *(in memory of Oreo)*  
 Mr. and Mrs. Michael Cavanaugh  
*(in memory of Buttons)*  
 Barbara Cecere *(in memory of Devon)*  
 Lisa Celenza *(in memory of Pal)*  
 Center for Animal Behavior and Canine  
 Training  
*(in memory of Jack Eddie)*  
 Laura Ceplenski *(in memory of Max)*  
 Mr. and Mrs. Fred Cerwinsky  
*(in memory of Angus)*  
 Camille Chang *(in memory of Kimba)*  
 Pat Chapman *(in memory of Kelsey)*  
 Max Chapman *(in memory of Jake)*  
 Sandra Charboneau  
*(in memory of Nakita and Lady)*  
 Marion Charvat *(in memory of Wolfgang)*  
 Hildelisa Cheo *(in memory of Bacci)*  
 Claudine Chiarmonte  
*(in memory of Snoopy and Reality)*  
 Michele Childs *(in memory of Sam)*  
 Sue Christiansen *(in memory of Jessie)*  
 Mr. and Mrs. Christopher Chu-Di Pietro  
*(in memory of Annie)*  
 Linda Cianfrocca *(in memory of Maggie)*  
 Mr. and Mrs. John Ciccarelli  
 Anna Cicchetti *(in memory of Mischief)*  
 Mr. and Mrs. Tony Ciccone  
*(in memory of Squiggy)*  
 Mr. and Mrs. Robert Cina  
*(in memory of Kaya)*  
 Jane Clark *(in memory of Maggie)*  
 Mr. and Mrs. William Clark  
*(in memory of Brodie)*  
 Marie Clark and Suzy Taraba  
*(in memory of Pepper)*  
 Diane Clem *(in honor of Molly)*  
 Mr. and Mrs. William Clift  
 Mr. and Mrs. Michael Cmut  
*(in memory of Cooper)*  
 Mr. and Mrs. Martin Cohen  
*(in memory of Rusty)*  
 Ronnie Cohen *(in memory of Louie and Pete)*

Mr. and Mrs. Victor Cole  
 Mr. and Mrs. William Cole  
*(in memory of Bailey)*  
 Neil Colello *(in memory of Hudson)*  
 Robert Coley  
 Mr. and Mrs. John Colgan  
*(in memory of Pippin)*  
 Mr. and Mrs. Harold Colley  
*(in memory of Benjamin)*  
 Mr. and Mrs. Lou Colon  
*(in memory of Schatzie)*  
 Colonial Boarding Kennels: Paula Fraczek  
 Mr. and Mrs. William Comette  
*(in memory of Sampson)*  
 Community of the Holy Spirit  
*(in memory of Jenny and Joshua)*  
 Mr. and Mrs. Joseph Conaway  
*(in memory of Sammy Dawg)*  
 Susanne Conlon *(in memory of Ruby)*  
 Mr. and Mrs. Kevin Connors  
*(in memory of Ginger)*  
 Mr. and Mrs. Michael Connors  
*(in memory of Mickey Tricky Macaroni)*  
 Janet Conte  
 Mr. and Mrs. George Cook  
*(in memory of Buster and Pepper)*  
 Marcia Coomer *(in memory of Murphy)*  
 Mr. and Mrs. Bob Cooper  
*(in memory of Mitzi)*  
 Charlotte Cooper  
*(in memory of Black Magic)*  
 Jeanne Corbin  
*(in memory of Mrs. James Toler)*  
 Jan Corbishley *(in memory of Buru)*  
 Mr. and Mrs. Vincent Cordo  
*(in memory of Oliver)*  
 Patricia Corey *(in memory of Karl Butler)*  
 Joseph Corio  
 Mr. and Mrs. Paul Corriel  
*(in memory of Indy)*  
 Virginia Costaregni *(in memory of Jen)*  
 Caroline Costello *(in memory of Lucky)*  
 Mr. and Mrs. Kevin Cronin  
*(in memory of Perry)*  
 Alberta Crum *(in memory of Tim)*  
 Sharon Crumb  
*(in memory of Louise and Muldoon)*  
 Mr. and Mrs. Anthony Cucinotta  
*(in memory of Hulkie)*  
 Mr. and Mrs. Gerald Cullinane  
 Mr. and Mrs. Jeffrey Cullington  
*(in memory of Dutch)*  
 Mr. and Mrs. Glenn Cummings  
*(in memory of Ireney)*  
 Gail Curnow *(in memory of Gretel)*  
 Mr. and Mrs. Charles Curtis  
*(in memory of Caesar)*  
 Khrystyna Cusimano *(in memory of Brutus)*  
 Olga Cutler *(in memory of Chip)*  
 Mr. and Mrs. Alan Cyr  
*(in memory of Breezy Acres Buddy Breeze)*  
 Linda Czarny *(in memory of Butterscotch)*  
 Helena da Silva *(in memory of Susie)*  
 Dorothy Dagnese *(in memory of Tyler)*  
 Gretchen Dale *(in memory of Dixie)*  
 Helen Dalesandro  
 Margaret Daley *(in memory of Benny)*  
 Carolyn Daniell *(in memory of Sandy)*  
 Stephanie Dapolito *(in memory of Terror)*  
 Denise Dargis *(in memory of Tiffany)*  
 Hyman Darling *(in memory of June Cook)*  
 Josephine Darlington *(in memory of Mindy)*  
 Mr. and Mrs. DeWitt Davidson  
 Mr. and Mrs. Roland Davila  
*(in memory of Loafert)*  
 Barrington Davis *(in memory of Judy)*  
 Mr. and Mrs. Theodore Davis  
*(in memory of Marley)*  
 Mr. and Mrs. Rodney De Chiara  
*(in memory of Shamus)*  
 Betty De Foe  
*(in memory of Razor, Mowgli, and Snuggles)*  
 Victoria de la Huerga  
*(in memory of Tasha and Chaz)*  
 Sharon Dean and Richard Chrapa  
*(in memory of Mollie)*  
 Carla Deblasio *(in memory of Peanut)*  
 Mr. and Mrs. Joseph Dehaen  
*(in memory of Sundance)*  
 Constance Delaney *(in memory of Ginger)*  
 Mr. and Mrs. Steve Delanoy  
*(in memory of Savage)*  
 Sharon Deleasa *(in memory of Cleo)*  
 Lillian Dembnicki  
*(in memory of Michelob and Honey)*  
 Mr. and Mrs. John Demeo  
*(in memory of Cord)*  
 Mr. and Mrs. Michael Demjanenko  
*(in memory of Molly)*  
 David Dempsey and Thomas Langan  
*(in memory of Chip)*  
 Mr. and Mrs. Georgia Derezeas  
 Mr. and Mrs. David Derienzo  
*(in memory of Spike, Trixie, Sassy, and Angel)*  
 Leslie Desmarteau *(in memory of Marcie)*

*"No man can be condemned for owning a dog. As long as he has a dog, he has a friend; and the poorer he gets, the better friend he has."*

—Will Rogers



Mr. and Mrs. Owen Devereux  
(in memory of Christina and Margot)

Mr. and Mrs. Richard Deverman  
(in memory of Cassidy)

Susan Devlin (in memory of Czar)

Mr. and Mrs. Richard Diblasi  
(in memory of Zach)

Mr. and Mrs. Rodney Dicob  
(in memory of Zack)

Mr. and Mrs. Christopher DiPietro  
(in memory of Gypsy)

Laura Dipreta (in memory of Cara Mia)

Pauline Dixon  
(in honor of Bandit and Gabby)

Sandra Dobbins (in memory of Noel)

Mr. and Mrs. Richard Dodd  
(in memory of Jody and Sheba)

Mr. and Mrs. Dan Doherty  
(in memory of Shamus)

Mary Doherty (in memory of Seamus)

Helen Dombrowski (in memory of Kristy)

Mr. and Mrs. Robert Donaldson  
(in memory of Ando and Boomer)

Anne Donnelly (in memory of Bailey)

Kerry Donohue (in memory of Opie)

Mr. and Mrs. Donald Dooley  
(in memory of Shadow)

Mr. and Mrs. William Doran

Diane Doran (in memory of Sam)

Mr. and Mrs. Austin Dove  
(in memory of Clifford)

Robert Dowd

Mr. and Mrs. Richard Doyle  
(in memory of Wally)

Sarinda Dranow  
(in memory of Pearl and in honor  
of Dr. Jeffrey Seamon)

Patricia Drozd (in memory of Shadow)

Mr. and Mrs. William Duell  
(in memory of Whiskey)

Mr. and Mrs. Gerard Dumsha  
(in memory of Sunday)

Abby Duncan (in memory of Nicky)

Mr. and Mrs. George Duncan  
(in memory of Kim)

Barbara Dunkling  
(in memory of Ozzie and Mohrs Chelcie)

Joyce Dunlap (in memory of Becky)

Anna Duphiney

Mr. and Mrs. Donald Dupuis  
(in memory of June Cook)

Margaret Duque  
(in memory of Victoria and Lady)

Mr. and Mrs. John Dwyer  
(Richard Cusano Memorial Fund)

Mr. and Mrs. Timothy Dygert  
(in memory of Midnight and Coco)

Mr. and Mrs. Nathan Dykes  
(in memory of Crocket)

Audrey Eason  
(in memory of Pete, in honor of Pepeto)

Eastern Great Lakes Samoyed Fanciers  
(in memory of Zerk)

Mr. and Mrs. Michael Eastman  
(in memory of Tosh)

Cleon Easton (in memory of Hogan)

Lorrie Easudes (in memory of Hoppy)

Stacy Eberhard-Eckles (in memory of Sadie)

Francesca Echevarria  
(in memory of Amadeus Mozart)

Elizabeth Eddy

Dr. and Mrs. Joel Edwards  
(in memory of Max)

Rena Edwards (in memory of Josie)

Mr. and Mrs. John Eggener  
(in memory of Gretel and Lovey)

Irene Eisenberg (in memory of Calvin)

Mr. and Mrs. Myron Eisner

Mr. and Mrs. Andrew Eld  
(in memory of Ralph)

Helen Elias (in memory of Fu Manchu)

Myrtle Elton  
(in memory of June J. Cook  
and Wesmerell Cocker)

Suzanne Engel (in memory of Amie and Cl)

Karen Eseppe (in memory of Marvin)

Timothy Eskeli (in memory of Doc)

Mr. and Mrs. Larry Essick  
(in memory of Foxie)

Mr. and Mrs. John Ettore  
(in memory of Maggie)

Audrey Eulner (in memory of Smokey)

Skip Evans (in memory of Cinnamon)

Pati Evans (in memory of Muffin)

Christine Evans

Dorene Evans (in memory of Mishka)

Karen Fabi (in memory of Locksley Jeanne)

Amy Fabrici (in memory of Fester)

Patricia Fallon (in memory of Woody and Bo)

Mr. and Mrs. Andrew Farber

Angela Farina (in memory of Sandy)

Ruth Farley (in memory of Cinnamon)

Norman Fately (in memory of Margot Fately)

Mr. and Mrs. Thomas Favorule  
(in memory of Minnie)

Helen Feckanicz (in memory of Pogo)

Renie Federighi (in memory of Frelsi)

Jayne Feeney (in memory of Bonnie)

Linda Fellows (in honor of Dr. John Violette)

Marianne Feraca (in memory of Hans)

Linda Ferguson (in memory of Khyber)

Patricia Ferington (in memory of Alex)

Mr. and Mrs. Gary Fernandes  
(in memory of Achilles)

Karen Ferrara (in memory of Dana)

Mr. and Mrs. Edward Ferrara  
(in memory of Chen-Chen)

Mr. and Mrs. John Fetherman  
(in memory of Cleopatra)

Mr. and Mrs. Steven Fickert  
(in memory of Bear)

Barbara Fidanza  
(in memory of Barney and Buck Wheat)

Mr. and Mrs. Bonner Field  
(in memory of Stanford)

Mary Fine  
(in memory of Jazmine, Moses and Daphne)

## Matching Gift Corporations

Bank of America

Bristol-Myers Squibb

Computer Associates

GlaxoSmithKline

IBM

Johnson & Johnson

Lucky Pet

MONY

National Grid

Northeast Utilities System

Pfizer

Pharmacia

Telcordia Technologies

Unilever

Verizon

Xerox

## Foundations

Anonymous

The Albert C. Bostwick  
Foundation

Arthritis Foundation

Strachan and Vivian Donnelly  
Foundation

The Robert C. and Jane V.  
Engel Foundation

Firman Fund

The Foundation Fighting  
Blindness

Greater Milwaukee  
Foundation Corporation

The Shirley W. and William L.  
Griffin Foundation

The Dorothy Russell  
Havemeyer Foundation, Inc.

The Carl J. Herzog Foundation

The Gilbert W. and Louise  
Ireland Humphrey Foundation

Kate Ireland Foundation

James A. MacDonald  
Foundation

Sharon Lee MacDonald  
Charitable Trust

Max Kade Foundation

Elizabeth and George Mead  
Charitable Foundation

Morris Animal Foundation

The Mrs. Cheever Porter  
Foundation

Pfizer Animal Health

Ralston Purina Company

The James B. Richardson Trust

The Charles See Foundation

The Sheffield Foundation

Marilyn M. Simpson  
Charitable Trust

The Eugene V. and Clare E.  
Thaw Charitable Trust

Van Sloun Family Foundation

The Weiss Foundation

Winn Feline Foundation

Winthrop Foundation of  
Athens, GA

Zweig Memorial Fund

## Kennel Clubs

Afghan Hound Club of  
Northern NJ

Allentown Dog Training Club

American Border Collie  
Association

American Chesapeake Club  
Charitable Trust

American Norfolk Terrier  
Association

Back Mountain Kennel Club

Devon Dog Show Association

Dog Fanciers Club

Elmira Kennel Club

Finger Lakes Kennel Club

Glen of Imaal Terrier Club of  
America

Kennel Club of Niagara Falls

Los Alamos Dog Obedience  
Club

Mastiff Club of America

Metropolitan Area Papillon  
Club of Washington, DC

National Labrador Retriever  
Club, Inc.

Portuguese Water Dog Club of  
America

Southern Berkshire Golden  
Retriever Club

Springfield Kennel Club

Suffolk County Kennel Club

The Connecticut River Valley  
Golden Retriever Club

The Nova Scotia Duck Tolling  
Retriever Club of Canada

Two Cities Kennel Club

Woodstock Dog Club





Mr. and Mrs. Charles Firtion  
(in memory of Norman)

Susan Alpern Fisch

Michael Fischette (in memory of Sunny)

Michael Fishbein  
(in memory of Kris and Morgan)

Marie Fisher  
(in memory of Meggie and Bijou)

Lori Fisher (in memory of Fergie)

Mr. and Mrs. Allen Fisher  
(in memory of Molly)

Mr. and Mrs. Bruce Flanz  
(in memory of Sandy)

David Flitner

Barbara Flynn (in memory of Belle)

Michelle Fontanarosa (in memory of Sonny)

Mr. and Mrs. William Foss  
(in memory of Lady Girl)

Mr. and Mrs. Timothy Foote  
(in memory of Pinkerton Kate)

Peggy Ford (in memory of Haley)

Suzanne Ford (in memory of Lorelei)

Judith Fortin (in memory of Kelly)

Margaret Fortunato  
(in memory of Sara and Betsy)

Noel Frackman  
(in memory of Dr. William H. Adolph Jr.)

Mr. and Mrs. Frank Fragale  
(in memory of Shelby)

Mr. and Mrs. John Franco  
(in memory of Gwen)

John Franz (in memory of Monkee)

Nancy Fraser (in memory of Sammy)

Mr. and Mrs. Robert Fraser  
(in memory of Nicky)

Richard Frede (in memory of Keno)

Beatrice Freeman (in memory of Cream Puff)

Karen Freilich

Mr. and Mrs. Mark Fricke  
(in memory of Magic)

Eleanor Friedauer (in memory of Katie)

Mr. and Mrs. William Friedman  
(in memory of Trapper)

Mr. and Mrs. Ruedi Frischknecht  
(in memory of Norman)

Mr. and Mrs. Gerald Fritsch  
(in memory of Bear and Bandit)

Peggy Fritz

Carl Fritze (in memory of Gizmo)

Gary Froehlich (in memory of Koa)

Nancy Frohner (in memory of Tedd)

Mr. and Mrs. Frederick Fuchs  
(in memory of Panda and Chauncey)

Mr. and Mrs. Samuel Fuller

Willard Fuller (in memory of Sebastian)

Mr. and Mrs. David Furash  
(in memory of Mischa and Allegro)

Betty Ann Fusco (in memory of Gus)

Susan Gable (in memory of Wes)

Mr. and Mrs. Michael Gabryelski  
(in memory of Casey and Sarge)

Mona Gagner (in memory of Frankie)

Marsa Galasso  
(in memory of Cinnamon and Bouey)

Una Gamba  
(in honor of Wa-Wa Store Employees)

Marie Gamma  
(in memory of Kassie and Morin)

Veronica Gant (in memory of Candie)

Frances Ganter (in memory of Beau)

Maria Garcia (in memory of Lulu)

Deirdre Gardner  
(in honor of Dr. Larry Kahn)

Mr. and Mrs. Joseph Gargano  
(in memory of Ginger)

Mr. and Mrs. Thomas Garrett  
(in memory of Mitzie)

Janice Garvey (in memory of Jake)

Elizabeth Gaughran  
(in memory of Buzzy, Hobbs, and Peanut)

Aimee Gauthier-Carpenter  
(in memory of Maddie)

Mr. and Mrs. John Gawronski  
(in memory of Oreo and Tessa)

Mr. and Mrs. Richard Giaccone  
(in memory of Snowball)

John Giaquinto (in memory of Maggie)

Jennifer Giarratana (in memory of Lulu)

Thomas Gibbons and Linda Siple  
(in memory of Buffy)

Mr. and Mrs. Don Gibbons  
(in memory of Maggie)

Gregory and Joan Gibson  
(in memory of Buddy)

Natalie Gifford (in memory of T. F.)

Bessie Giges (in memory of Moe)

Mr. and Mrs. Mark Gigliotti  
(in memory of Dandee)

Mr. and Mrs. William Gillikin  
(in memory of Avalon)

Mr. and Mrs. Martin Gilmartin  
(in memory of Morgan and Max)

Mr. and Mrs. Patrick Gilmartin  
(in memory of Lena and Frosty)

Raphaella Giugliano  
(in memory of Joseph Scignano, in honor of Graybar and Buffy)

Mr. and Mrs. Yakov Glaz  
(in memory of Shaina)

*"If you are a dog and your owner suggests that you wear a sweater, suggest that  
he wear a tail."*

Jane Glazier (in memory of Lulu)

Mr. and Mrs. Lincoln Gluscevich  
(in honor of Yellow Springs Veterinary Clinic)

Diane Glynn  
(in memory of Katherine McAllister)

Mr. and Mrs. Jeffery Goldberg  
(in memory of Rhett Beagle)

Mr. and Mrs. Michael Goldberg  
(in memory of Sabrina)

Mr. and Mrs. Martin Golden  
(in memory of Missy and Bunny)

Mr. and Mrs. Jeffery Goldman  
(in memory of Snowy)

Mr. and Mrs. Eugene Goldwasser  
(in memory of Harpo)

Mr. and Mrs. Victor Gomez  
(in memory of Alabama)

Edda Gomez-Panzani (in memory of Segen)

Celia Goodard (in memory of Pepita)

Victor Gordon (in memory of Shadow)

Mr. and Mrs. Mark Gordon  
(in memory of Tristan)

Margaret Gormley (in memory of Stevie Ray)

Patricia Gould  
(in memory of Brandy and Molly)

Theresa Grady (in memory of Dutchess)

Kathryn Grahm



Mr. and Mrs. Walter Grambow  
(in memory of Scamper)

Louis Grant (in memory of Bu)

Joan Grassi (in memory of Dallas)

Elizabeth Gray (in memory of Dina)

Victoria Grazioci (in memory of Buckles)

Mr. and Mrs. Dino Greco  
(in memory of Tina)

Myles Greenberg, DVM

Harriet Greenberg (in memory of Lara)

Richard Greene (in memory of Mat)

Stephen Greenfield

Glen Greenly (in memory of Jingles)

Mr. and Mrs. James Gregory  
(in memory of Luna)

William Greiss (in memory of Maddie)

Rita Gresko (in memory of Maggie)

Mr. and Mrs. Philip Griffith

Mr. and Mrs. Philip Grippe  
(in memory of Tiger)

Linda Louise Gross (in memory of Matisse)

Mae Grunke  
(in memory of Diann, Pebbles, Harpo, and Chico)

Mr. and Mrs. Vito Gruppuso  
(in memory of Chipper)

Mr. and Mrs. Gunther Grutzkuhn

Tamara Guberman

Patricia Gunzel (in memory of Missy)

Deborah Gurreri (in memory of Botsy)

Mr. and Mrs. Don Gutheil  
(in memory of Iris)

Eugene Haber (in memory of Herbie)

Joan Haberland (in memory of Robin)

Charles Habliston (in memory of Whisper)

Hilda Haffey  
(in memory of Lindy, Jessie, and Ollie)

Dr. and Mrs. George Hahn  
(in memory of CJ and Shorty)

Joan Haines and Linda Gerber  
(in memory of Rags)

Mary Margaret Hall (in memory of Primo)

Mr. and Mrs. Robert Hall  
(in memory of June Cook and Razz Razz)

Mr. and Mrs. Donald Hallisey  
(in memory of Buddy)

Marion Hamblett (in memory of Pearl)

Mr. and Mrs. L. Gordon Hamersley  
(in memory of Mrs. Robert Timpson)

Helen Hammond  
(in memory of Timmy, Sadie, and Buddy John)

Stephen Hammond (in memory of Bogie)

Barbara Handschu

Charlotte Handsman (in memory of Coco)

Mr. and Mrs. Anthony J. Hannett  
(in memory of Red and Shadow)

Happy Tails Pet Care: Anne Udell

Julie Harder (in memory of Henry)

Jo Ellen Hardesty (in memory of Mikey)

Cecil Harper (in memory of Prissella)

Mr. and Mrs. Dave Harr  
(in memory of Frosty)

Mr. and Mrs. John Harris  
(in memory of Katherine McAllister)

Mr. and Mrs. Charles Hartly  
(in memory of Maggie and CJ)

Jacquelyn Harvey

Dorothy Hauk (in memory of Beau)

Susan Hauser (in memory of Chloe)

Claudia Hawkins (in memory of Boo)

Donna Hayden (in memory of Kristi)

Donna Haydon (in memory of Karl Butler)

Mr. and Mrs. Tom Hayes  
(in memory of Athena and Sadie)

Mr. and Mrs. William Hayes  
(in memory of Bear)

—Fran Lebowitz

Mr. and Mrs. Keith Haynie  
(in memory of Joshua, Indy, Smudge, Picallo, and Holly)

Julia Head and Elaine Lorson  
(in memory of Ebony)

Lois Head (in memory of Oakie)

Cindy Hearing (in memory of Drac)

Mr. and Mrs. George Hebner  
(in memory of Molly)

Mr. and Mrs. Paul Hedlund  
(in memory of Fritz)

Mr. and Mrs. Joe Heflin (in memory of Bear)

Mr. and Mrs. Alan Heigel  
(in memory of Cleo)

Lucille Helfat (in memory of Lucy)

Mr. and Mrs. John Heller  
(in memory of Abigail)

Mr. and Mrs. Louis Hendricks  
(in memory of L.A.)

Roxanne Hennemuth (in memory of Coby)

Mr. and Mrs. William Hennessy  
(in memory of Jake)

Elizabeth Henry (in memory of Inuk)

David Henshaw (in memory of Alex)

Mr. and Mrs. William Hensley  
(in memory of Mowgli)

Janet Herbert (in memory of Schuyler)

Josephine Herley (in memory of Alex)



Mr. and Mrs. Malcolm Hermele  
(in memory of Michael)

Mr. and Mrs. William Hess  
(in memory of Gus, Fritz, and Taffy)

Mr. and Mrs. Allen Heyman  
(in memory of Jake)

Janet Heyneman (in memory of Jackie)

Nancy Hickey (in memory of Buster Brown)

Janet Higgins (in memory of TC)

Dorothy Higgins  
(in memory of all her pets)

Marjorie Hill  
(in memory of Sam and Blizzard)

Leslie Hilton (in memory of Jesten)

Lynn Hiltz (in memory of Shultz)

Debra Hinds-Gale (in memory of Midnight)

Hine Family (in memory of Ginger)

Mr. and Mrs. George Hiza  
(in memory of Silly)

Mr. and Mrs. Joel Hoffman  
(in memory of Calhoun)

Lydia Hoffman  
(in memory of Itsy Bitsy Puppette)

Paul Hoffman (in memory of Madeleine)

Mr. and Mrs. Jeffrey Hogan  
(in memory of Angelo and Chamois)

Mr. and Mrs. James Holleran  
(in memory of Maggie)

Jeffrey Hollister

Susan Holmes (in memory of Kelly)

Catherine Holmes (in memory of Darby)

Dr. and Mrs. Rick Holton  
(in memory of Thomas M. Black)

Virginia Homan  
(in memory of Machee Ling)

Mr. and Mrs. Robert Hommel  
(in memory of Kodiak Bear and Fluffy)

Penny Hooper (in memory of Jasper)

Mr. and Mrs. John Horan  
(in memory of Norma Kozlak)

Joycelyn Horner  
(in memory of June C. Cook)

Mr. and Mrs. John Hornyak  
(in memory of Brinks)

Mr. and Mrs. Martin Horowitz  
(in memory of Bear)

Nancy Hoskins (in memory of Bow)

Mr. and Mrs. Thomas Houghton  
(in memory of Rebel)

Patricia Houlihan (in memory of Emily)

Norine Howard (in memory of Heidi)

Carol Howell and Laurie Schaum  
(in memory of Tom Mercer)

Carol Howell (in memory of Cinder)

Mr. and Mrs. Michael Hubble  
(in memory of Taffy, Booboo,  
Cheri, and Dragus)

Mr. and Mrs. Scott Hughes  
(in honor of Dr. Jon Littman)

Bonnie Hundt (in memory of Theodore)

Joyce Hunzinger (in memory of Skip)

Mr. and Mrs. Ronald Hurd  
(in memory of Bj and Monique)

Mr. and Mrs. Daniel Hussin  
(in memory of Cyrus, Ramses,  
Soxy, and Jake)

Kasey Hussin (in memory of Butkus)

Catherine Huss-Johnson  
(in memory of Roxanne and Rosie)

Nimr Ibrahim (in memory of Charlie)

Ulla Ikle (in memory of Sandy)

Independence Realty of America  
(in memory of Mrs. Donald McAllister)

Betsy Isbell (in memory of Erika)

Nancy Isdell (in memory of Major)

J. Raffiani Inc. (in memory of Krimper)

Mr. and Mrs. David Jaffe  
(in memory of Keesha and Howie)

Mr. and Mrs. James Jaffe

Kate Jamroz (in memory of Brady)

Janet Janke (in memory of Rusty)

Mr. and Mrs. Richard Janke  
(in memory of Princess)

Debra Jardot  
(in memory of Katherine McAllister)

Donald Jayson (in memory of Lacey)

Mr. and Mrs. Joel Jenkins  
(in memory of Shelby)

Andrew Joachim (in memory of Nanook)

Yvonne Johnson  
(in memory of Buddy, Molly, and Licorice)

Mr. and Mrs. Robert Johnson  
(in memory of Beau)

Bonita Johnson (in memory of Caleight)

Katrene Johnson (in memory of Skye)

Laraine Johnson (in memory of Birch)

James Johnson (in memory of Jake)

Marguerite Johnson (in memory of Mindy)

Christine Johnston (in memory of Brandy)

Anne Jones (in memory of Scuffy)

Mr. and Mrs. Michael Jones  
(in memory of Annie and Smokie)

Jean Jones (in memory of Micky)

Jeanette Jones (in memory of Bisha)

Judith Jones (in memory of Sugar)

Mr. and Mrs. John Calderwood  
(in memory of Murf)

Mr. and Mrs. Harold Jungenberg  
(in memory of Katie)

Margaret Jurmark  
(in memory of Dusty and Pippi)

Randall Kach  
(in memory of Cinder and Lady)

Mr. and Mrs. William Kahan

Eileen Kalter (in memory of Max)

Joyce Kamanitz (in memory of Rosie)

Mr. and Mrs. Robert Kanar  
(in memory of Bertha)

Arlene Kane (in memory of Rocky)

David Kanig  
(in memory of all our loving friends)

Beatrice Kantrowitz (in memory of Noelle)

Norman Kantrowitz (in memory of Uno)

Mr. and Mrs. Daniel Karp  
(in memory of Leibchen and Benny)

Mr. and Mrs. Gerald Kass  
(in memory of Crash)

Mr. and Mrs. Peter Katz  
(in memory of Karl Butler)

Carol Kavanagh and Brian Paul  
(in memory of Xana)

Russell Kayser (in memory of Shane)

Helen Keever (in memory of Reebok)

Carol Kehrley (in memory of Tootsie)

Ann Keil (in memory of Bob)

Mr. and Mrs. Andy Kellogg  
(in honor of Brutus)

Sally Kenny (in memory of Caroline)

Mr. and Mrs. John Keryk  
(in memory of Pancho)

Mr. and Mrs. Lawrence Kieft  
(in memory of Brandy)

Kerryth Kilduir (in memory of Shadow)

Mr. and Mrs. Joseph Kile  
(in memory of Lindy)

Mr. and Mrs. Robert Killeen  
(in memory of Star)

Emily Kilmer (in memory of Onyx)

Mr. and Mrs. William Kilmer  
(in memory of Jeffrey)

Mr. and Mrs. William Kimball

Jane King (in memory of Felony)

Mr. and Mrs. Lawrence King  
(in memory of Sheva)

Mr. and Mrs. Robert King  
(in memory of Kelly)

Eva Klaczko (in memory of Mea)

Edith Klein (in memory of Travis)

Evelyn Kosinski  
(in memory of Travis and Veeski)

Carole Kost (in memory of Lacy)

Nancy Koster (in honor of Barbara Spare)

Donna Kourtz (in memory of Daphne)

Mr. and Mrs. John Kraemer  
(in memory of Isa)

Mr. and Mrs. David Kramer  
(in memory of Zeck)

Mr. and Mrs. Howard Kramer  
(in memory of Albert John Michaels)

Carolyn Kramer (in memory of KC)

Cari Kramer (in memory of Karma)



## Going to the Dogs . . . the Westminster Dog Show, that is!

The Baker Institute was pleased to host friends and supporters at a skybox reception at the 127th Annual Westminster Kennel Club Dog Show held at Madison Square Garden in New York City on February 10-11, 2003. The annual event is an opportunity to showcase the Institute's research programs on behalf of canine health to interested members of the breeder and kennel club communities.

Dates for the 128th Annual Westminster Kennel Club Dog Show are February 9-10, 2004.

Mr. and Mrs. Lawrence Klein  
(in memory of Alphonse)

Mr. and Mrs. Arthur Klepper  
(in memory of Cuddles)

Louise Klier (in memory of Lacey)

Mr. and Mrs. Robert Klug  
(in memory of Biscuit)

David Knauss (in memory of Tonka)

Theresa Knight (in memory of Gonzo)

Mr. and Mrs. Hilary Ward Knox  
(in memory of Abby)

Erin Koch (in memory of Digger)

Steven Kofsky (in memory of Angel)

Shirley Koplowitz (in memory of Kelsey)

Dr. and Mrs. Harold Kopp

Mr. and Mrs. Pavee Korchagin  
(in memory of Right)

Mr. and Mrs. Jeffrey Kornblut  
(in memory of Jesse)

Martha Korosec (in memory of Sadie)

Mr. and Mrs. Rick Krasselt  
(in memory of Coco)

Mr. and Mrs. Robert Kratz  
(in memory of Dexter)

Mr. and Mrs. Kenneth Krissinger  
(in memory of Jessie)

Mr. and Mrs. Richard Krissinger  
(in memory of Jessie)

Nancy Kronstadt  
(in memory of Petey and Alix)

Mr. and Mrs. Mark Kugelmann  
(in honor of Desi)

William Kuhn (in memory of Sandy)

Stanley Kulesavage (in memory of Makai)

Mr. and Mrs. David Kulick  
(in memory of Gertie)

Mr. and Mrs. Joseph Lacerda  
(in memory of Ashley)

Mr. and Mrs. Jeffrey Lahullier  
(in memory of Puppet and Cash)



Mr. and Mrs. Raymond LaManque  
(in memory of Diana)

Mr. and Mrs. P. Henry Lambert III  
(in memory of Fonzy and Ears)

Mr. and Mrs. Walter Lamoreaux  
(in memory of Jake)

Myron Lampert  
(in memory of Princess and Sienna)

Mr. and Mrs. Vincent Leone

Mr. and Mrs. Robert Lerner  
(in honor of Dr. Michael Woltz)

Mr. and Mrs. Ralph Leslie  
(in memory of Scarlett)

Mr. and Mrs. Marc Lesser  
(in memory of Barney)

Karen Lessig (in memory of Rascal)

Elaine M. Loprano (in memory of Tara)

Helen Lorenz (in memory of Kilty)

Los Alamos Dog Obedience Club

Arthur Lothstein and Dorene Evans  
(in memory of Patches)

Debra Louis (in memory of Darby)

John Love and John Bradsher  
(in memory of Vicki)

John C. Love (in memory of Bonnie)

Marianna Lowell (in memory of Brenna)

Lucky Pet

Mr. and Mrs. Terry Ludwig

Mr. and Mrs. Michael Lull  
(in memory of Jezebel)

Hilde Lund (in memory of Daisy Belle)

Mr. and Mrs. Richard Lundstrom  
(in memory of Quigley)

Mr. and Mrs. Irving Lustig

Mr. and Mrs. Richard Luzzi  
(in memory of Patty)

Lynch Family (in memory of Molly)

Mr. and Mrs. Thomas Lynch  
(in memory of Elsa and Sissy)

Mr. and Mrs. Joseph Lysiak  
(in memory of Maggie)

Blanche Machado  
(in memory of Buddy, in honor of Brockton Animal Hospital)

Mr. and Mrs. Stephen Maclean  
(in memory of Cassie)

Mr. and Mrs. Macy  
(in memory of Norma Kozlak)

Mathew Madappally (in memory of Troy)

Mr. and Mrs. Wallace Madon  
(in memory of Kitty)

Dorothea Maibaum (in memory of Abigail)

Carol Maiden (in memory of Spangles)

Maryanne Maier (in memory of Katie)

Tracie Leigh Maier-Hamza  
(in memory of Coda)

Mr. and Mrs. Henry Majewski  
(in memory of Pride and Colette)

Helen Majewski (in memory of Emma)

Mr. and Mrs. Carl Malaney  
(in memory of Prince)

Elaine Malnichuck (in memory of Pip)

Mr. and Mrs. Don Malone  
(in memory of Lad)

Mr. and Mrs. Alan Mandell  
(in honor of Dr. Steven Feldman)

Lynn Mangene (in memory of Rusty)

Constantine Manos (in memory of Rocky)

Phyllis Mantovi (in memory of Molly)

Mr. and Mrs. Raymond Manus  
(in memory of Nugget)

Rosalie Manzi-Platt (in memory of Roo)

Mr. and Mrs. Robert Mara  
(in memory of Duke)

Cindy Marano (in memory of Buffy)

Mr. and Mrs. Peter Marchand  
(in memory of Josh)

Rose Marino (in memory of Fabian)

Hugh Marius  
(in memory of General Boucicault)

Janice Marklin (in memory of Butterscotch)

Richard Marks

Neil Marrinan (in memory of Spade)

Mr. and Mrs. Paul Marsh  
(in memory of Rascal and Blackie)

Gail Marshall (in memory of Eartha)

Mary Marshall (in memory of Okee)

Mr. and Mrs. Aldo Marsiglia  
(in memory of Topsy)

Mr. and Mrs. Hugh Martin  
(in memory of Jake)

Mr. and Mrs. Andrew Martindell  
(in memory of Jake Martindell)

Anibal Martinez  
(in memory of Janal's Ginger)

Lisa Martorana and Mary McCarthy  
(in memory of Molly)

Ronald Maselka

Nicole Masi (in memory of Maggie)

Thomas Mason (in memory of Venus)

Mr. and Mrs. Michael Mason  
(in memory of Brows)

Janet Massey (in memory of Freya and Tilly)

Mr. and Mrs. Allen Mastandrea  
(in memory of Hildy, Sandy, Maggie, and Ben)

Mr. and Mrs. Richard Mastroianni  
(in memory of Benjie, in honor of Dr. G. Clayton Dudley)

Mr. and Mrs. James Matala  
(in memory of Kasey)

Mike Mattalian (in memory of Sara)

David Matteson (in memory of Max)

Christopher Matthews (in memory of Lulu)

Barbara Matura  
(in honor of Dr. Carol Carberry)

Mr. and Mrs. Michael Maurer  
(in memory of Quincy)

Jill Mayer  
(in memory of Dr. William Henry Adolph)

Mr. and Mrs. James Maynard  
(in memory of Hillary and Honnibal)

Mr. and Mrs. Mike Mazur  
(in memory of Bella)

Nancy Mc Loughlin  
(in memory of Milo's I Love Lucy)

McAllister Family (in memory of Ni Hao)

Mr. and Mrs. Kevin McCabe  
(in memory of Friskie)

Bonnie McCahill  
(in memory of Vickie Smith)

Mr. and Mrs. Mike McDermott  
(in memory of Fraser and Elmo)

Arlene McDevitt  
(in honor of Dr. Carmen Scherzo)

Mr. and Mrs. James McDill  
(in memory of Beau)

Janice McDonald  
(in memory of Joshua, Annie, and Big)

Mr. and Mrs. Thomas McDowell  
(in memory of Dusty)

Mary McEwan  
(in memory of Deane McEwan and Sarge)

Mr. and Mrs. John McGee  
(in memory of Droofus)

Michele McGrory (in memory of Tova)

Mr. and Mrs. Garry McGuigan  
(in memory of Daisy Lynn)

Janet McKim (in memory of Natasha)

Ursula McKinney (in memory of Daphne)

Katherine McLoughlin  
(in memory of Barnum)

Teresa McMahan (in memory of Molly)

Susan McMenamin (in memory of Rex)

Mr. and Mrs. Allan Mehrtens  
(in memory of Sweats)

Mr. and Mrs. Ernest Melander  
(in memory of Kirty)

Catherine Mellon (in memory of Heavenly)

Therese Mercer (in memory of Gem)

Linda Merk and Marty Toper  
(in memory of Doolie)

Ruth Merrill (in memory of Louis Charles)

Mr. and Mrs. Gerald Messuri  
(in memory of Kellee)

## Making a Gift Is Just a Click Away!

Did you know that making a gift to the Baker Institute for Animal Health, in memory or honor of a cherished pet or person, can be as easy as a click on your computer?

Charitable contributions can be made electronically via our secure web server from the privacy of your home. Gifts may be conveniently charged using Visa, MasterCard, American Express, or Discover Card.

To make a gift on-line, visit us at [http://bakerinstitute.vet.cornell.edu/gift/g\\_index.htm](http://bakerinstitute.vet.cornell.edu/gift/g_index.htm). If you prefer to send your gift by mail or provide your credit card information by phone, contact Ms. Laurie Lychalk at (607) 256-5604 or via email at [lal16@cornell.edu](mailto:lal16@cornell.edu).

Albert Landa (in memory of Max)

Donna Landry (in memory of Brandy)

Mr. and Mrs. Norman Landry  
(in honor of Peter, Patsy, and "the paws")

Ivy Lane

Kathryn Lang (in memory of Shadow)

Mr. and Mrs. Thomas Langan  
(in memory of Mickey)

Elizabeth Lange (in memory of Pickle)

Mona Lankford (in memory of Remi)

Domenico Lanzirrotti (in memory of Shila)

Joan Lanzo (in memory of Boots)

Dr. and Mrs. Albert Lapetina  
(in memory of Kukla)

Mr. and Mrs. George Latzky  
(in memory of Dr. John Ward)

Mr. and Mrs. Frank Lauria  
(in memory of Nikki)

Mr. and Mrs. Carl J. Lauter  
(in memory of Felice and Blackie)

Patricia Lavendier (in memory of Princess)

Pamela Lavery  
(in memory of Asti, Jeeves, and Taylor)

James Lavoie (in memory of Buffy)

Rita Law

Nelson Lawrence

Mr. and Mrs. Sylvan Lazar

Mr. and Mrs. Eric Lazo-Wasem  
(in memory of Jesse)

Kathy Leckinger (in memory of Brandy)

Linda Lehrbach (in memory of Breeze)

Pepi Leids (in memory of Gunner)

Ellen Leifer (in memory of Chelsea)

Mr. and Mrs. Thomas Leonard  
(in memory of McMuffin)

Theresa Leone (in memory of Dustin)

Robert Leverette  
(in memory of Benji and Lotus)

Sandra Levine (in memory of Penny)

Mr. and Mrs. Kenneth Levy  
(in memory of Bonnie and Fernie)

Julia Levy (in memory of MacTavish)

Amy Lew (in memory of Bobo)

Maureen Lewinski (in memory of Scruffy)

Rita Lewis  
(in memory of Shamrock and Peppermint)

Lewis & White Excavation  
(in memory of Shakespeare)

Jaclyn Libowitz  
(in memory of Yankee, Robert and Sandra Pad-dock)

Julie Lichtman (in memory of Taz)

Amy Liebmann (in memory of Lulu)

Mr. and Mrs. Larry Lindenbaum  
(in memory of Snickers)

Jacqueline Linehan  
(in memory of Trix and Zoe, in honor of Dr. Suzanne Bliesath)

Patricia Lingen

Mr. and Mrs. Joseph Linnemann  
(in memory of Hannah)

Barbara C. Lippe (in memory of Polly)

Joan Lipson (in memory of Arno)

Mr. and Mrs. Francis Lisewski  
(in memory of Fudge)

Mr. and Mrs. Michael Lisi  
(in memory of Samantha)

Marianne Loffredo and Jeff Hass  
(in memory of Gray Boy)

Mr. and Mrs. Ernest Long

Kathleen Long (in memory of Shadow)

Joseph Long (in memory of Duke)

Mr. and Mrs. Mark Longo & Matthew  
(in memory of Katie)



Lisa Metash  
(in memory of Ralph, in honor of Rex)

Mr. and Mrs. Bob Metzger  
(in memory of Willie)

Kathy Meyerhoff (in memory of Ginger)

Jane Meyers (in memory of Bonnie)

Judith Michael (in memory of Gracie)

Beatrice Michaels  
(in memory of KC and Lacey)

Lisa Middleton (in memory of Lucy)

Mr. and Mrs. Richard Mikna  
(in memory of Ben and Logan)

Mr. and Mrs. Michael Moretti  
(in memory of Zeerka and Shep)

Mr. and Mrs. Douglas Morgan  
(in memory of Dylan)

Mr. and Mrs. Michael Morris  
(in memory of Ruddy)

Carol Morrison (in memory of Sage)

Mimi Morrison (in memory of Peaches)

Mr. and Mrs. Joseph Morrissey  
(in memory of Barney)

Stanley Morytko, Jr. (in memory of Brownie)

Mr. and Mrs. Robert Nelson  
(in memory of Lucky)

Mr. and Mrs. Robert Nelson  
(in memory of Boss)

Ruth Nelson (in memory of Cindi)

Mr. and Mrs. Tom Nelson  
(in memory of Molly)

Elizabeth Nelson (in memory of Jessica)

Betty Nesbit (in memory of Blackie)

Mr. and Mrs. John Neville  
(in memory of Patches)

Mr. and Mrs. Michael Newler (Rudy)

Mr. and Mrs. Bruce Ouderkirk  
(in memory of Gracie)

Mr. and Mrs. Thomas Owens  
(in memory of Basha)

Rita Oyola (in memory of Kelly and Kitty Cat)

Mr. and Mrs. Robert Paar  
(in memory of Henry and Misty)

Mr. and Mrs. Rick Paine  
(in memory of Herb Harvey)

John Palache (in memory of Peter)

Gus Papoutsis (in memory of Rocky)

Mr. and Mrs. Donald Parker  
(in memory of Mr. Joseph Sweet, Blackie, Dollie, and Tippy)

M. Jean Parker  
(in memory of Daisy and Magnolia)

Lee Parker (in memory of Roxie)

Howard Parnes (in memory of Blackie)

Rip Parsells  
(in memory of Pugsley and Tigger)

Mr. and Mrs. Harris Parsons  
(in memory of Katherine McAllister)

Patricia Partridge (in memory of Daisy)

Jean Pasquale  
(in memory of Spark and Sushi)

Belgica Pastrana (in memory of Julian)

Mr. and Mrs. Donald Paterson  
(in memory of Tara)

Natalie Patricio (in memory of Pee Wee)

Mr. and Mrs. Joseph Paul  
(in memory of J.D.)

Karen and Cindy Paxton

Jerome Payton (in memory of Tasha)

Mr. and Mrs. Scott Peckler  
(in memory of Cooler)

Mr. and Mrs. Michael Pellegrino  
(in memory of Samantha)

Deborah Pepin (in memory of Max)

Judy Peragine (in memory of Cleo)

Valerie Perl (in memory of Sahnee)

Mitchell Perl (in memory of Boo)

Mr. and Mrs. Frank Perozzi  
(in honor of Chloe)

Mr. and Mrs. Richard Peterman  
(in memory of Moonbeam)

Mr. and Mrs. Chris Petersen  
(in memory of Luka)

Sara Peterson (in memory of Mel)

Mr. and Mrs. Nicholas Petras  
(in memory of Buffy)

Mr. and Mrs. Thomas Pettinelli  
(in memory of Popeye)

Stacey Phelps (in memory of Amber)

Phil Mar Pet Estates: Philip and Marlene Guarino

Marlene Piazza (in memory of Zeus)

Richard Piazza (in memory of Rex)

Loretta Piccininno  
(in memory of Rambo, in honor of Stafford Animal Hospital)

Donna Pieszala (in memory of Abby)

Joseph Pietras (in memory of Scruffy)

Mr. and Mrs. Stephen Pietryka  
(in memory of Mandy)

Mary Anne Pietrzykowski  
(in memory of Teddy)

Joann Pietsch (in memory of Toto)

Mr. and Mrs. John Pirog  
(in memory of June Cook)

Mr. and Mrs. Albert Pirre  
(in memory of Rocky)

Mr. and Mrs. Ronald Pizzullo

Mr. and Mrs. Henry Plate  
(in memory of Baron, Remington, and Chanch)

*"If a dog jumps in your lap, it is because he is fond of you; but if a cat does the same thing, it is because your lap is warmer."*

—Alfred North Whitehead

Mr. and Mrs. Richard Milbourn  
(in memory of Oreo)

Patricia Miles (in memory of Hobo and Rudy)

John Militello  
(in memory of Barney and Pebbles)

Mr. and Mrs. Clive Miller  
(in memory of Bangles)

Maxine Miller (in memory of Puddles)

Patricia Miller (in memory of Bakke)

Mr. and Mrs. Ronald Miller  
(in memory of Midnight)

Dr. and Mrs. Harvey Miller  
(in memory of Hogan)

Mr. and Mrs. Leonard Miller  
(in memory of Missy)

Luann Miller (in memory of Patty)

Mr. and Mrs. Donald Miller and Cassie  
(in memory of Wolfie)

Brenda Miller (in memory of Chloe)

Shelley Miller (in memory of Toby Perkins)

Mr. and Mrs. Terry Milligan  
(in memory of Nigel)

Mr. and Mrs. Glen Minor  
(in memory of Max)

Julie Mintz (in memory of Desmo and Fred)

Mr. and Mrs. William Miritello  
(in memory of Guido)

Marilyn Mitchell (in memory of Taco)

Mr. and Mrs. Jim Moak  
(in memory of Tucker Tyler and Molson)

Mary Moffitt (in memory of Princess)

Joan Mohler (in memory of Francesca)

Pamela Moks (in memory of Mandy)

Ida Molinari (in memory of Brandy)

Samuel Molinari (in memory of Duke)

Mr. and Mrs. John Monahan  
(in memory of Teddy)

Mr. and Mrs. Eugene Monnier  
(in memory of Bogey)

Mary Monsour  
(in memory of Timid, Chloe, Casey, and Maverick)

Deborah Montero  
(in memory of Captain Hook)

Mr. and Mrs. Robert Montero  
(in memory of Puff)

Mr. and Mrs. John Montgomery  
(in memory of Ernie)

Rikki Moreno (in memory of Bea)

Harriet Mosatche  
(in memory of Robert C. Paddock)

Anne Moynihan (in memory of June Cook)

Emily Mueller (in memory of Lulu)

Mr. and Mrs. Joseph Mullens  
(in memory of Bear)

Claire Mullins (in memory of Trixie)

Mr. and Mrs. James Munn  
(in memory of Gypsy)

Mr. and Mrs. James Munoz  
(in memory of Alex)

Joseph Munro (in memory of Spot)

Kathleen Murphy (in memory of Roscoe)

Mr. and Mrs. Michael Murphy  
(in memory of Major)

Mr. and Mrs. John Murphy  
(in memory of Stubby and Sundance)

Laura Murphy-Oemcke  
(in memory of Truffles and Ruffles)

Raymond Murray (in memory of Polly)

Mr. and Mrs. Lawrence Murrell  
(in memory of Trixie)

Eileen Myslinski (in memory of Buffy)

Mr. and Mrs. James Nadotti  
(in memory of Dougie)

Mr. and Mrs. Dennis Narehood  
(in memory of Corey)

Katherine Nathan

Christiane Neaman (in memory of Scout)

Joan Neft (in memory of Muggins)



Susannah Newman (in memory of Murphy)

Mr. and Mrs. Martin Newshan  
(in memory of Tara)

Mr. and Mrs. John Nicholl  
(in memory of Whitney)

Mr. and Mrs. Timothy Nichols  
(in memory of Tasha)

Edward Nichols (in memory of Rosey)

Shirley Nickell  
(in memory of Tasha, Tyler, and LB)

Beth Niestat (in memory of Rosie)

Lisette Nieves (in memory of Mulligan)

Ray Niven (in memory of Midnite)

Mr. and Mrs. Mike Norcia  
(in memory of Scooby)

Daniel Norman (in memory of Lulu)

Mr. and Mrs. Michael Norman  
(in memory of Whitney)

Mr. and Mrs. Donald Normington  
(in memory of Lance)

Sarah Norris

Neil North (in memory of Trevor)

Ruth Northrup (in memory of Bear)

Mr. and Mrs. Mitchell Novick  
(in memory of Frosty and Tawny)

Mr. and Mrs. Jay Nussbaum  
(in memory of Cocoa Chanel)

Elaine O'Connell (in memory of Agnes)

Christopher O'Keefe and Earl Hannibal  
(in memory of Dreamer)

Mr. and Mrs. Timothy Oliver  
(in honor of Alex)

Michael O'Loughlin  
(in memory of Shadrack)

Ruth Orange (in memory of Robert Paddock)

Mr. and Mrs. Brad Orben  
(in memory of Tucker and Maggie)

Sharon Orlando  
(in memory of Peanuttie, Token, and Nikki)

Denise Ormond (in memory of Bear)

Connie Orr (in memory of Penelope Jones)

Julia Ortenzi (in memory of Holly Noel)

Alice Osur  
(in memory of Jake, Michael, and Muriel Katz)

Mr. and Mrs. Gary Oswald  
(in memory of Laddie)

Janet Ottens (in memory of Desmo and Lady)

Mr. and Mrs. Eric Ottoson  
(in memory of Heidi)



Charlotte Podesta (*in memory of Pepin*)  
 Mr. and Mrs. Gentry Politte  
 (*in memory of Alex*)  
 Mr. and Mrs. Arthur Pollinger  
 (*in memory of Max*)  
 Mr. and Mrs. Henry Porzio  
 (*in memory of Maxie, in honor  
 of East Meadow Animal Hospital*)  
 Ann Marie Posada (*in memory of Coco*)  
 Arlene Posner (*in memory of Bensky*)  
 Mr. and Mrs. Kenneth Potter  
 (*in memory of Dallas*)  
 Margaret Pough  
 Mr. and Mrs. Santo Pratico  
 (*in memory of Smokey, Flopsy, and Kandy*)  
 Grazia Presteria (*in memory of Max*)  
 Elizabeth Pretty (*in memory of Nikki*)  
 Patricia Prezioso (*in memory of Midget*)  
 Irene Price (*in memory of Gypsy and Tara*)  
 Susan Priest (*in memory of Deebo*)  
 Mr. and Mrs. Matthew Printz  
 Mr. and Mrs. Harold Propst  
 (*in memory of Flower*)  
 William Provenzano (*in memory of Indy*)  
 Vincent Puma (*in honor of Dr. A. Neil Weiss*)  
 Mr. and Mrs. Anthony Quattrochi  
 (*in memory of Baby*)  
 Mr. and Mrs. Michael Racine  
 (*in memory of Sparky*)  
 Patricia Racioppo  
 (*in memory of Scooby Doo*)  
 Jacqueline Raffa  
 Cheryl Ragalevsky  
 (*in memory of Pete, Ginger, Brutus, and Lucky*)  
 Lois Rappaport (*in memory of Miss Pilar*)  
 Julia Rappold (*in memory of Sandy*)  
 Lori Ratchuk (*in memory of Benton*)  
 Norretta Ray (*in memory of Hennessy*)  
 Mr. and Mrs. William Raymond  
 (*in memory of Max and Rocky*)  
 Cecelia Rea (*in memory of Max*)  
 Jeff Rea and Family (*in memory of Dee Dee*)  
 Mr. and Mrs. James Reed  
 (*in honor of Dr. Laua Tenney*)  
 Lynnette Reede (*in memory of Wendy*)  
 Ida M. Reeder  
 (*in memory of Max and Brandy*)  
 Kathleen Regan (*in memory of Cherokee*)  
 Barbara Regan (*in memory of Hannah*)  
 Mr. and Mrs. David Reichert  
 (*in memory of Kelly*)  
 Mr. and Mrs. Jonathan Reilly  
 (*in memory of Princess*)  
 Barbara Rein (*in honor of Margie Leahy*)  
 Eugene Renske  
 (*in memory of Schultzie, Ziggy, and Schatzie*)  
 Mr. and Mrs. Alfred Reynolds  
 (*in memory of Maggie*)  
 Valerie Riccardi (*in memory of Heidi*)  
 Garbriel Ricci (*in memory of Kodiak*)  
 Laverne Rich (*in memory of Galvin*)  
 Mr. and Mrs. Bruce Ricker  
 (*in memory of Misty and Benson*)  
 Mr. and Mrs. Jay Riedinger  
 (*in memory of Pepper*)  
 Martha Rieter  
 (*in memory of Dorothea Magan*)  
 Michele Rinaldi (*in memory of Casey*)  
 Roseann Rinaldini (*in memory of Nikki*)  
 Nancy Ring (*in memory of Sasha and Mocha*)  
 Sandra Risser  
 (*in memory of Taffy Van Epps, Dusty Van Epps,  
 and The Cat*)

Kathleen Roback (*in memory of Dutch*)  
 Elizabeth Roberts  
 (*in memory of Eyre and Shammy*)  
 Susan Robinett  
 Mr. and Mrs. David Robinette  
 (*in memory of Nestle and Sam*)  
 Myrtle Robinson (*in memory of Bonnie*)  
 Ronnie Robinson (*in memory of Fluffy*)  
 Lorraine Roccoberton  
 Monica Rodgers (*in memory of Tanuki*)  
 Dorothy Rodriguez (*in memory of Emma*)  
 Mr. and Mrs. Victor Rodriguez  
 (*in memory of Mati*)  
 Debra Roe (*in memory of Baby and Ebenezer*)  
 Mr. and Mrs. Jim Roe (*in memory of Cuma*)  
 Mr. and Mrs. Samuel Rogers  
 (*in memory of Tuppence and Hollingsworth*)  
 Phyllis Roitsch  
 (*in memory of Connie and Katie*)  
 Kathy Roma (*in memory of Buck*)  
 Palma Romano (*in memory of Zek*)  
 Mr. and Mrs. Robert Romanowski  
 (*in memory of Max Magoo*)  
 Mr. and Mrs. Randolph Rome  
 (*in memory of June Cook*)  
 Mr. and Mrs. Charles Roohr  
 (*in honor of Dr. Patricia Kuzmickas*)  
 Mr. and Mrs. Frederick Rose  
 (*in memory of Amy*)  
 Mr. and Mrs. Marvin Rosenberg  
 (*in memory of Sparky*)  
 Mr. and Mrs. Richard Rosenberg  
 (*in memory of Toby, Dooley, and Mudpie*)  
 Mr. and Mrs. Ronald Rosenberg  
 (*in memory of Chiva Brew*)  
 Mark Rosenberg (*in memory of Disco*)  
 Keith Rosenblatt and Jennifer  
 Mellana-Rosenblatt  
 (*in memory of Julius Caesar*)  
 Mary Beth Rosin (*in memory of Cody*)  
 Sharon Ross (*in memory of Dublin*)  
 Mr. and Mrs. David Rossi  
 (*in memory of Daisy*)  
 Tracy Rothbeind (*in memory of Jasmine*)  
 Mr. and Mrs. James Ruffo  
 (*in memory of Lexa and Chakva*)  
 Marjorie Ruggeri (*in memory of Chelsey*)  
 Mr. and Mrs. George Ruocco  
 (*in memory of Lexie*)  
 Mr. and Mrs. Arthur Russ  
 (*in memory of Fame, Kara, and Crystal*)  
 Nancy Russell and Gordon Burney  
 (*in memory of Merry*)  
 Mr. and Mrs. Thomas Russell  
 (*in memory of Lady*)  
 Sharon Russin (*in memory of Rocky*)  
 Dorothy Rutherford (*in memory of Penny*)  
 Winifred Ryan (*in memory of Christine*)  
 Dorothy Ryan (*in memory of Cosmo*)  
 Michael Sabatino, Jr. and Robert Voorheis  
 (*in memory of Georgio*)  
 Kimberly Sacchiero (*in memory of Vio*)  
 Dennis Saccoach (*in memory of Shelby*)  
 Raymond Sadler (*in memory of Sandy*)  
 Marian Sage (*in memory of Penny*)  
 Millie Saland (*in memory of Satin*)  
 Mr. and Mrs. Anthony Salerno  
 (*in memory of Canoli*)  
 Mr. and Mrs. Pasquale Salimeno  
 (*in honor of Dr. Larry Mauer*)  
 Richard Samuelson (*in memory of Shannon*)  
 Regina Sanborn (*in memory of Skipper*)

Mr. and Mrs. Richard Sandler  
 (*in memory of Kirby*)  
 Gregory Sarbou (*in memory of Honey*)  
 Mr. and Mrs. Stanley Saretsky  
 (*in memory of Robert Paddock*)  
 Mr. and Mrs. Fred Sargent  
 (*in memory of Niki*)  
 Mr. and Mrs. John Sartoris  
 (*in memory of Sooner, Peanut, and Piper*)  
 Virginia Sawaya (*in memory of Tyler*)  
 Mr. and Mrs. Richard Sawyer  
 (*in memory of Bamby*)  
 Sharon Scalia (*in memory of Nellie*)  
 Beatrice Scandale (*in memory of Kerri*)  
 Blanche Schachter  
 Martha Schaefer (*in memory of H.S. Tony*)  
 Edna Schaffer (*in memory of Josie*)  
 Dr. and Mrs. Robert Scheer  
 Faith Scheer (*in memory of Shawnee*)  
 Nancy Scherer  
 (*in memory of Christopher, Sam, and Max*)  
 Peter Schirrmacher  
 (*in memory of Honey and Stormy*)

*“A cat sees us as the dogs.... A cat sees himself as  
 the human.”*

— Anonymous

Schlanger Family (*in memory of Ben*)  
 Henry Schlein (*in memory of Chay*)  
 Mr. and Mrs. William Schliemann  
 (*in memory of Sandy*)  
 Mr. and Mrs. Richard Schlude  
 (*in memory of Kayleigh*)  
 Goldie Schlusberg (*in memory of Mindy*)  
 Mr. and Mrs. Joseph Schmidt  
 (*in memory of Gypsy*)  
 Mr. and Mrs. Kalman Schmidt  
 (*in memory of Ivory*)  
 Mr. and Mrs. Gary Schmidt  
 (*in memory of Stinger*)  
 Dr. and Mrs. Frank Schreck  
 (*in memory of Tucker*)  
 Mr. and Mrs. Ralph Schuman  
 (*in memory of Meesh*)  
 Donna Schubach (*in memory of Max*)  
 Schuster Family (*in memory of Bud*)  
 Mr. and Mrs. Andrew Schwalier  
 (*in memory of Abbigale*)  
 Judy Schwanda (*in memory of Rascal*)

Jillian Schwartz (*in memory of Clyde*)  
 Susan Schwartz (*in memory of Rascal*)  
 Betsy Sconfietti (*in memory of Tobie*)  
 Mr. and Mrs. Dennis Scott  
 (*in memory of Bear*)  
 Joyce Sealey (*in memory of Max*)  
 Mary Ann Seeland (*in memory of Rommel*)  
 Barbara Seiden (*in memory of Hannah*)  
 Dr. and Mrs. Robert Seitz  
 Diane Sek (*in memory of Amber*)  
 David Semple and Jennifer Lindley  
 (*in memory of Nellie*)  
 Donna Senter  
 Edith Severance (*in memory of Sweetie*)  
 Carol Shackelford (*in memory of Blackie*)  
 Brigitte Shackleton (*in honor of Debby*)  
 Mansukh Shah (*in memory of Pl*)  
 Mr. and Mrs. Larry Shapiro  
 (*in memory of Amber*)  
 Annette Shaprio (*in memory of Luna*)  
 Mr. and Mrs. Mark Sharer  
 (*in memory of Cogie*)

Barbara Sharrow (*in memory of Samantha*)  
 Mr. and Mrs. Raymond Shaver  
 (*in memory of Heidi*)  
 Mr. and Mrs. Robert Shaw  
 (*in memory of Boo Boo*)  
 Fabrina Sheehan (*in memory of Maxine*)  
 Mr. and Mrs. Kenneth Sheldon  
 (*in memory of Woodie*)  
 Patricia Shenk  
 (*in memory of Phoebe and Lucy*)  
 Gullivar Shepard (*in memory of Lulu*)  
 Susan Sherman (*in memory of China*)  
 Roberta Shlasko (*in memory of Pete*)  
 Dick Shore (*in memory of Lexi*)  
 Mr. and Mrs. William Shustack  
 (*in memory of Princess*)  
 Lori Sills (*in honor of Judy Wilpon*)  
 Linda Siple (*in memory of Mopsy*)  
 Mr. and Mrs. Jeffrey Sippil  
 (*in memory of Buffy*)  
 Mr. and Mrs. Josef Sirefman  
 Mr. and Mrs. Frank Sisinni  
 (*in memory of Princess*)  
 Mr. and Mrs. Stephen Skirka  
 (*in memory of Kerry*)  
 Carol Sklarsky (*in memory of Hubert*)  
 Mr. and Mrs. Samuel Sloan  
 (*in memory of Bonnie*)  
 Mr. and Mrs. Thomas Small  
 (*in memory of Roxanne*)  
 David Smart  
 Anne Smith (*in memory of Otis*)  
 Mr. and Mrs. James Smith  
 (*in memory of Pupper*)  
 Lynette Smith (*in honor of Terry D. Smith*)  
 Mildred Smith  
 Marjorie Smith  
 (*in memory of Abbey, Moose, Rex, Chester,  
 Angus, and Gwen, in honor of Zoe*)  
 Gladys Smith (*in memory of Jamie*)







Melinda Smith (*in memory of Stryker*)

Gertrude Smith

Robin Smith (*in memory of Sammy*)

Mr. and Mrs. Donald Smith  
(*in memory of Circe*)

Mr. and Mrs. Robert Snedeker  
(*in memory of David Hawk*)

Charles Snell

Mr. and Mrs. Frank Snyder  
(*in memory of Brandy and Gentlemen Jim*)

Mr. and Mrs. Samuel Snyder

Marilyn Snyder (*in memory of Tika*)

Judith Sobczak (*in memory of Cinnamon*)

Walter Sodano

Mr. and Mrs. Joel Solomon  
(*in memory of Quilt, Madison, and Shamsky*)

Mr. and Mrs. Glenn Soult  
(*in honor of Dr. Samuel Baum*)

Southern Berkshire Golden Retriever Club  
(*in memory of June Cook*)

Susan Spann  
(*in memory of Robert C. Paddock*)

Mr. and Mrs. Jeffrey Sparks  
(*in memory of Micki, Jake Tucker, and Dude*)

Ann Spector (*in memory of Grace*)

Lynn Speer  
(*in honor of Dr. Richard Schwalb*)

Marianne Speliotis (*in memory of Beau*)

Matthew Spieler and Kathleen Vercellino  
(*in memory of Honey and Sonya*)

Mr. and Mrs. Anthony Spiesman  
(*in memory of Roscoe*)

Marsha Spitalnick  
(*in memory of Christina Martinez*)

Virginia Spraker (*in memory of Casey*)

Mr. and Mrs. Warren Springer  
(*in memory of Missy*)

Springfield Kennel Club  
(*in memory of June C. Cook*)

Connie Stafford (*in memory of Jazzy*)

Mr. and Mrs. Dick Staiger  
(*in memory of Chauncey*)

Mr. and Mrs. Steve Stanion  
(*in memory of Irene Wouwenberg and Janet Lee Egenhofer*)

Mr. and Mrs. George Statler  
(*in memory of Trooper*)

Harvey Steeves (*in memory of King*)

Mr. and Mrs. Charles Stegman  
(*in memory of Skipper*)

Carl Steike  
(*in memory of Gully, Niko, and Dingo*)

Mary Lou Steiner (*in memory of Baby*)

Mr. and Mrs. Phillips Stevens  
(*in memory of Sebastian*)

Mr. and Mrs. Bob Stevens  
(*in memory of Maxwell and Moose*)

Mr. and Mrs. Ronald Stevenson  
(*in honor of Wayne Fowles and the staff at Westfield Animal Clinic*)

Jerome Stifelman (*in memory of Mandy*)

Mr. and Mrs. Victor S. Stiff  
(*in memory of Christopher Robin*)

Lyman Stinson  
(*in memory of Tozan and Rarve*)

Donna Stirpe (*in memory of Penny*)

Constance Stoddard  
(*in memory of Heather, Chrissie, and Shenne*)

Robert Strauss (*in memory of Bonnie*)

Linda Struble (*in memory of Flint*)

John Stuck (*in memory of Timber*)

Suffolk County Kennel Club

Kathryn Sullivan (*in memory of K.C.*)

Lois Sullivan  
(*in memory of Magic and Kozzie*)

Marilyn Sulsky (*in memory of Butterfly Boy*)

Donald Swart

Mr. and Mrs. Charles Swasey  
(*in memory of Shea*)

Mr. and Mrs. Thomas Sweeney  
(*in memory of Hank, Bear, and Josie*)

Mr. and Mrs. Andrew Szabo  
(*in memory of Scully*)

Milli Szabo (*in memory of Murphy*)

Mr. and Mrs. Zbigniew Szamburski  
(*in memory of Astor*)

Mary Szymanski (*in memory of Missy*)

Becky Tachna (*in memory of Gracie*)

Tail Waggers

Mr. and Mrs. R. W. Tait (*in memory of Ebony*)

Mr. and Mrs. William Tait  
(*in memory of Maggie*)

Mr. and Mrs. Charles Talenda  
(*in memory of Gino*)

Mr. and Mrs. Richard Tannenbaum  
(*in memory of Layla*)

Mr. and Mrs. Brian Targovnik  
(*in memory of Cujo*)

Mr. and Mrs. Frank Taucher  
(*in memory of Trump, Gimp, and Jack*)

Mr. and Mrs. Silvio Tavernise  
(*in memory of Annie*)

Jane Taylor (*in memory of Florence Organish*)

Rose Marie Taylor

Mr. and Mrs. Keith Taylor  
(*in memory of Kurt*)

Kyle Taylor (*in memory of Trump*)

Mr. and Mrs. Michael Tedone  
(*in memory of Zuzu*)

Rebecca Tehon  
(*in memory of Ch. Charmant's on th' wings of Eagles TT*)

Mr. and Mrs. Peter Teliska

Mr. and Mrs. Bob TenEyck  
(*in memory of Tuffy*)

Mr. and Mrs. Richard Terboss

Mr. and Mrs. Clarence Thom  
(*in memory of Shadow*)

Mr. and Mrs. Peter Thompson  
(*in memory of Ivy*)

Jay Thompson (*in memory of Terri*)

Judy Thompson (*in memory of Cash*)

Mr. and Mrs. Clifton Thompson  
(*in memory of Snoopy, Rose, and Bess*)

Rosalyn Thompson (*in memory of Morgan*)

Lt. Col. and Mrs. William Threlfall  
(*in memory of Lucky Love*)

Anne Tienken  
(*in memory of Jake, Cadillac, and Pita*)

Stanley Tkacz (*in memory of Shotgun*)

Linda Tobia (*in memory of Amber*)

Mr. and Mrs. Keith Todd  
(*in memory of Lady*)

Gary Tokatlian (*in memory of Chelsea*)

Santa Toker (*in memory of Buddy*)

Mr. and Mrs. Roy Tolbert  
(*in memory of Rusty*)

Virginia Tomlinson (*in memory of Bruno*)

Jeff Topalis (*in memory of Ophelia*)

Cathy Topping (*in memory of Missy*)

Mr. and Mrs. Thomas Torchia  
(*in memory of Gidget*)

Mr. and Mrs. Wilbur Trask  
(*in memory of Topper and Archie*)

Sally Traube (*in memory of Prudence*)

Walter Traubel

Mr. and Mrs. Richard Trotta  
(*in memory of Nugget*)

Barbara Turner  
(*in memory of Charlie and Miss Thing*)

Mr. and Mrs. Winston Twombly  
(*in memory of Yvonne Gingras*)

Mr. and Mrs. John Tyler  
(*in memory of Sable*)

Mr. and Mrs. David Tyrel  
(*in memory of Lonesome*)

Robert Ubertini (*in memory of Randy*)

Mr. and Mrs. Howard Udoff  
(*in memory of Jaimee Lyn*)

Nancy Uffelman (*in memory of Sammy*)

Mr. and Mrs. John Uhl (*in memory of Katie*)

Mr. and Mrs. Jeffrey Uhlman  
(*in memory of Dusty*)

John Underwood (*in memory of Frasier*)

Mr. and Mrs. Donald Unsworth  
(*in memory of Molly*)

## A Gift of Love: The Baker Institute Memorial Gift Program

*A special way to memorialize or honor a beloved pet or companion animal friend*

"I never knew of the Baker Institute until I received a letter in the mail stating that my veterinarian made a donation to the Institute in memory of my dog. I was so touched," writes Kerry Donohue. "I just want to thank everyone there for their intensive research and hard work. It means the world to people like me, who have lost their unconditional love to a terrible disease."

Ms. Donohue's heartfelt note is echoed in similar letters and e-mails that the Baker Institute receives annually in recognition of its Memorial Gift Program. The emotion expressed in this correspondence captures the Baker Institute's commitment to animal health.

Memorial gifts, whether from an individual or a veterinary clinic, provide support to our highly successful research programs. Foremost, a gift to the Memorial Gift Program offers a fitting tribute to a beloved pet, while providing hope for future generations of animals. For a complete listing of our participating veterinarians and animal clinics, see pp. 55-57. To those of you who have made a memorial gift in the past year, thank you. Your thoughtful gift is a wonderful way to honor a loved one while helping to provide lasting knowledge on important issues in animal health.

Margery Troxell (*in memory of Duffy*)

Jane Trumbull (*in memory of Charlie Girl*)

Frances Trupia (*in memory of Sasha*)

Alfred Trupia (*in memory of Brando*)

Mr. and Mrs. Brian Tureski  
(*in memory of Blue*)

Johanna Turitto (*in memory of Kylie*)

Susan Urban (*in memory of June C. Cook*)

Patricia Urban (*in memory of Roxie*)

Evelyn Urdanoff  
(*in memory of Mary of Devlin*)

Sandra van Heerden  
(*in memory of Pippa and Khan*)

LeRoy Van Dyne (*in memory of Sandy*)



Gloria Van Horn  
(in memory of Candy and Chico)  
Mr. and Mrs. Wilbur Van Houten  
(in memory of Lela)  
Mary Vance (in memory of Skippy)  
Mr. and Mrs. Clifford VanKouwenberg  
(in memory of Sophie)  
Elizabeth Vanzetta (in memory of Cocoa)  
Sheila Vazquez (in memory of CJ)  
Suzanne Vecchiarelli (in memory of Penny)

Mr. and Mrs. Ronald Ward  
(in memory of Heather, Bonnie, and Angus)  
Mr. and Mrs. Kenneth Wardwell  
(in memory of Burt)  
Donald Warokowski (in memory of Cindy)  
Jennifer Warrick (in memory of Rocky)  
William Watkins  
(in memory of Laddy I and II)  
Dorothy Waxman (in memory of Buddy)  
Mr. and Mrs. Freeman Webb  
(in memory of Kai)

Sue White  
(in memory of Meggyn, Grettel, Molly,  
Muppet, and Peanut)  
Mr. and Mrs. Stephen White  
(in memory of Daisy and Black Momma Cat)  
Ellen White  
(in memory of Katherine McAllister)  
Robert Whitehead (in memory of Emma)  
Mr. and Mrs. Alton Whiteley  
Mr. and Mrs. Mark Wible  
(in memory of Kirby)

Mr. and Mrs. Richard Wolfen  
(in memory of Jenny)  
David Wood (in memory of Sonny)  
Bonita Woodring  
(in memory of Cisco and Gizmo)  
Mr. and Mrs. Michael Woolley  
(in memory of Quincey and Natasha)  
Pamela Worden (in memory of Visa)  
Margaret Wozniak (in memory of Crackers)  
Suzette Wright  
(in memory of Muffin and Precious)  
Mr. and Mrs. Edward Writt  
(in memory of Shadow)  
J. Stephen Yeo (in memory of Squire)  
Mr. and Mrs. Charles Young  
(in memory of General)  
Sharron Young (in honor of Susan Bleakley)  
Mr. and Mrs. Nelson Youngerman  
(in memory of Duffy)  
Miriam Yutkowitz (in memory of Mitsu)  
John Zahner

Mr. and Mrs. Edward Zajackowski  
(in memory of Duffy D. Dog)  
Mr. and Mrs. Edward Zamory  
(in memory of Kashi and Saffy)  
Mr. and Mrs. James Zanella  
(in memory of Heather)  
Mr. and Mrs. Joseph Zanelotti  
(in memory of Penny)  
Dorothy Zarriello (in memory of Sandy)  
Barbara Zekala (in memory of Chester)  
Berta Zeltner (in memory of Sparkle)  
Lois Zemsky (in memory of Freckles)  
Donald Ziegler (in memory of Benji)  
Mr. and Mrs. Gary Zimmerman  
(in memory of Teddy)  
Patricia Zingale (in memory of Willie)  
Mr. and Mrs. Dennis Zink  
(in memory of Thelma)  
Monica Zinn (in memory of Dion)  
Karen Zitka  
(in memory of Mindy, Adidas and Brandon)  
Mr. and Mrs. Robert Zitter  
(in memory of Max)

*“He is your friend, your partner, your defender, your dog. You are his life, his love, his leader. He will be yours, faithful and true, to the last beat of his heart. You owe it to him to be worthy of such devotion.”*

—Anonymous

Frank Vepley  
(in memory of Baron, in honor  
of Carter and Olivia)  
Mr. and Mrs. Michael Verga  
(in memory of Precious)  
Mr. and Mrs. Bruce Vickers  
(in memory of Maurice Pierre)  
Jennifer Vilot  
Jose Vincente (in memory of Whisper)  
Mr. and Mrs. John Viniello  
(in memory of Missy)  
Mr. and Mrs. Jerry Vinokur  
(in memory of Brook Lyn)  
Thekla Wacksman  
Marie Waddell (in memory of Mac)  
Helen Waits  
(in memory of Molly and O'Bryon)  
Mr. and Mrs. Craig Wakeley  
(in memory of Dusty)  
Hermine Walcott  
(in memory of Mrs. Lestine Manden)  
Mr. and Mrs. George Walker  
(in memory of Princess)  
Janice Wallinger (in memory of Abina)  
Marjorie Wallis (in memory of Tallulah)  
Mr. and Mrs. Mark Walsh (in memory of RJ)  
Stephen Walter (in memory of Stylo)

Stanley Weber  
Kara Weber (in memory of Jack Sweed)  
Mr. and Mrs. Bobby Webster  
(in memory of Razcal)  
Mr. and Mrs. Robert Weeks  
Mr. and Mrs. Stephen Weidman  
Mr. and Mrs. Ralph Weindling  
(in memory of Cricket)  
Mr. and Mrs. Eric Weiner  
(in honor of Dr. Hirschberg)  
Lillian Weingast (in memory of Lady)  
Esther Weisberg (in memory of Roxanne)  
Mildred Weissman (in memory of Tigger II)  
Michele Weissman  
(in memory of Samuel Harrison)  
Katherine Welch (in memory of Razz)  
Pamela Wennergren (in memory of Katie)  
Frances Werthman  
Olga Wertz (in memory of Lady)  
Weston Middle School  
(in memory of Karl Butler)  
Mr. and Mrs. Steve Wettengel  
(in memory of Clancy)  
Annette Whaley (in memory of Lady)

Anne Wiburg  
(in memory of Phoenix and Maggie Mae)  
Lori Widzinski (in memory of Sherman)  
Mr. and Mrs. Carlton Wieland  
Dr. and Mrs. Paul Wierzbieniec  
(in memory of Muffin and Phoebe)  
Mr. and Mrs. Raymond Wilburn  
(in memory of Charlie)  
Louis Wilcox  
(in memory of Lobo and Caretta)  
Mr. and Mrs. Richard Wilhelm  
(in memory of JJ and Sam)  
Gwen Wilkinson (in memory of Bailey)  
Mr. and Mrs. Don Willer  
(in memory of Missy)  
G. Willikers (in memory of Fieldo)  
Suzanne Wiltsie (in memory of Ben)  
Mr. and Mrs. David Wingfield  
(in memory of Frankie)  
Mr. and Mrs. Sol Winn (in memory of Peetie)  
Mr. and Mrs. Robert Wislocki  
(in memory of Linda)  
Carol Wolcott (in memory of Sadie)  
Patricia Wolfe  
(in memory of Mitzi and Ginger)





# Baker Institute Memorial Gift Program: A Salute to Participating Veterinarians

For more than 25 years, veterinarians and animal clinics have provided core support for the Baker Institute and its research programs through their participation in the Memorial Gift Program.

These devoted practitioners, some of whom have had affiliation with the Baker Institute for several decades, represent a link to finding new treatments for diseases of companion animals. Their committed support of the discovery process enables the Baker Institute to continue its basic veterinary research programs, which develop new knowledge and tools in the fight against emerging infectious agents and debilitating conditions such as canine hip dysplasia and osteoarthritis. Support from the Memorial Gift Program also advances our work with new treatments such as gene therapy, genetic testing, and counseling for inherited diseases in dogs and horses.

We gratefully acknowledge the following veterinarians and animal care practices for partnering with the Baker Institute through their contributions to the Memorial Gift Program in 2002:

## FOUNDERS' CIRCLE

Contributions of \$5,000 or more

Animal Hospital of Pittsford: Paul Black, DVM

## INSTITUTE PATRONS

Contributions of \$1,000 to \$4,999

Adirondack Animal Hospital:  
James R. Glendening, DVM

Animal Kind Vet Hospital: Mark C. Gibson, DVM

Bolton Veterinary Hospital: David S. Coley, DVM

Clark Animal Care Center: Amy D. Charpentier,  
Sara Sanders, and Kathleen Wakefield, DVM

Deer Park Animal Hospital: Richard P. Henry, DVM

East Meadow Animal Hospital:  
William J. Thonsen, DVM

Goodman Animal Hospital: William Goodman, DVM

Goosepond Animal Hospital:  
Howard Rothenberg, DVM

Irondequoit Animal Hospital

Miller - Clark Animal Hospital: John E. Pinckney, DVM

Mobile Veterinary Services: Steven J. Cohen, DVM

North Shore Animal Hospital: Alan R. Ferber, DVM

Oradell Animal Hospital: Gary W. Johnson, DVM

Otterkill Animal Hospital: James C. Zgoda, DVM

Rupert Veterinary Clinic: Jean R. Ceglowski and  
Eugene C. Ceglowski, DVM

Rutland Veterinary Clinic

Sakonnet Veterinary Hospital: Kenneth E. Rix and  
William E. Condon, DVM

Salmon Brook Veterinary Hospital

Stafford Veterinary Hospital: John A. Hauge, DVM

The Moriches Hospital for Animals:  
Kevin G. Lynch, DVM

Thorn Avenue Animal Hospital: John S. Clauss, DVM

Veterinary Internal Medicine Clinic

Veterinary Specialty Hospital: Keith P. Richter, DVM

Viking Community Animal Hospital:  
Terry Owen, DVM

## SUSTAINING MEMBERS

Contributions of \$500 to \$999

American Animal Hospital: Brian T. Voynick, DVM

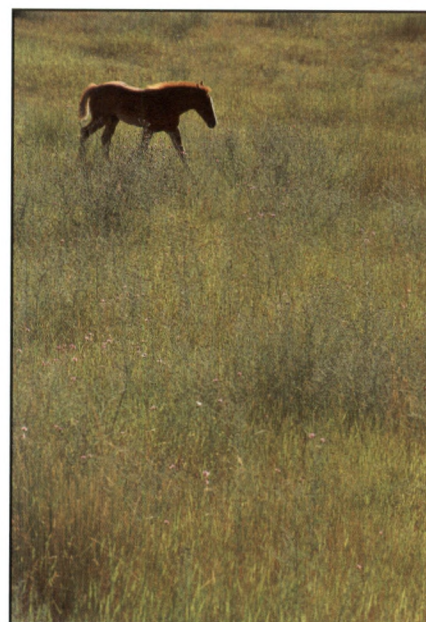
Animal General: Steve C. Feldman, DVM

Baldwin Harbor Animal Hospital:  
Leslie B. Dattner, DVM

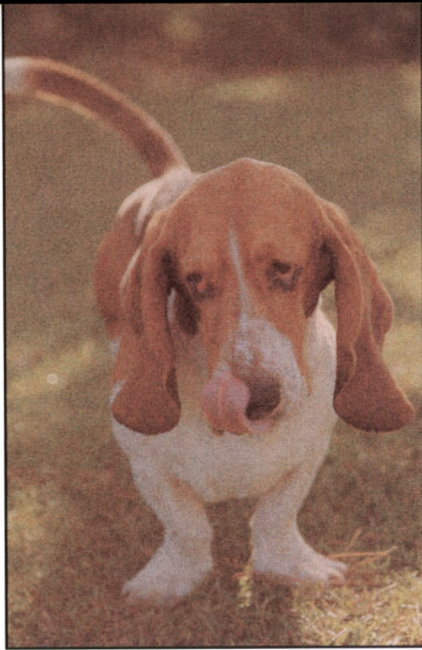
Batavia Animal Hospital: Raymond Pray, DVM

Bond Animal Hospital: Douglas G. Aspros, DVM

Bryan Animal Hospital: Mark Helfat, DVM







Burrstone Animal Hospital: Debra M. Eldredge and Robert C. Thompson, DVM  
 Campus Veterinary Clinic: Charles J. Berger, DVM  
 Cape Ann Veterinary Hospital: Jeffrey B. French and Barbara J. Reid, DVM  
 Central Animal Hospital: Michael Woltz, DVM  
 Centreville Animal Hospital: Fred G. Garrison, DVM  
 Clarkson Veterinary Hospital: Jess Buttery, DVM  
 Companion Animal Clinic: Marilyn J. Thompson, DVM  
 Croton Animal Hospital: Bruce Hoskins, DVM  
 Delmar Veterinary Associates: Laura E. Tenney, DVM  
 Dr. and Mrs. G. Clayton Dudley  
 Eastview Veterinary Clinic  
 Estates Animal Hospital: Barry Eisenkraft, DVM  
 Fairview Veterinary Hospital  
 Farmington Valley Animal Clinic: Donald F. Disque, DVM  
 Georgetown Veterinary Hospital: Stanley J. Truffini, DVM  
 Greenwich Animal Hospital: David Kramer, DVM  
 Harlingen Veterinary Clinic: Christine Newman, DVM  
 Hawthorn Animal Hospital: James M. Jorgenson, DVM  
 Hillsborough Veterinary Hospital: Charles Schwirck, DVM  
 Katonah Veterinary Group: Alan E. Green, DVM  
 Layhill Animal Hospital: Robert A. Adelman, DVM  
 Manheim Pike Veterinary Hospital  
 Manlius Veterinary Hospital: Norman H. Goldstein, DVM  
 Matawan Animal Hospital: Barry N. Kopp, DVM  
 Meadowridge Veterinary Clinic & Animal Services of North Lansing: Eve C. Brown, DVM  
 Milford Animal Hospital: David L. McGee and John W. O'Neil, DVM  
 Milford Animal Hospital: Richard A. Dubensky, DVM  
 Olde Towne Animal Hospital  
 Oneida Animal Hospital  
 Oxford Veterinary Hospital: Reverdy L. Munson, DVM  
 Perinton Veterinary Hospital  
 Port Washington Animal Hospital: Arthur I. Kronfeld, DVM  
 Ridgewood Veterinary Hospital: Dean J. Cerf, DVM  
 Saratoga Veterinary Hospital: Robert Soforelli, DVM  
 Saugerties Animal Hospital: Howard W. Rothstein, DVM  
 Sleepy Hollow Animal Hospital: Brian Green, DVM  
 Smithaven Veterinary Hospital: Clifford N. Conarck, DVM

Somerset Animal Hospital: Danny T. Noble and James L. Thompson, DVM  
 South Towne Veterinary Hospital  
 Springville Animal Hospital: Carl L. Eisenhard, DVM  
 Suffield Veterinary Hospital: Ann L. Huntington, DVM  
 Three Village Veterinary Hospital: John DeVerna, DVM  
 University Animal Hospital: Marc S. Wallach, DVM  
 Valley Cottage Animal Hospital: Russell J. Petro, DVM  
 West Chelsea Veterinary Hospital: Michael E. Farber, DVM  
 Westside Animal Clinic: B. M. Murphy, DVM  
 Winsted Hospital for Animals

## SPONSORS

### Contributions of \$250 to \$499

Animal Care Center: Nancy D. Kay, DVM  
 Animal General  
 Animal Hospital of Kent: Mark I. Feldman, DVM  
 Animal Medical of New City: Howard J. Gittelman, DVM  
 Aqueduct Animal Hospital: Franklin Rapp, DVM  
 Ardda Animal Hospital: James P. Kutrybala, DVM  
 Arlington South Veterinary Hospital: Angela S. Milligan, DVM  
 Arrowhead Veterinary Clinic: John W. Paepflow, DVM  
 Bayview Animal Hospital  
 Berkeley Dog and Cat Hospital: Richard N. Benjamin, DVM  
 Briar Patch Veterinary Hospital: Carolyn A. McMaster, DVM  
 Brockport Animal Hospital: Allen H. Edwards, DVM  
 Brockton Animal Hospital: Ronald Hirschberg, DVM  
 Burlington Veterinary Center: Richard K. Esherrick, DVM  
 Cobleskill Veterinary Clinic: Vernon R. Durie, DVM  
 Companion Animal Hospital  
 Companion Animal Hospital: Earl Mummert and Margaret Mummert, DVM  
 Companion Animal Hospital of Virginia  
 Eagle Veterinary Clinic  
 Eagle Rock Veterinary Hospital: Howard Miller, DVM  
 Easthampton Animal Hospital: James G. Hayden, DVM  
 Easton Animal Hospital: Mitchell Greenberg, VMD  
 Fairfield Veterinary Hospital: Timothy Plunkett, DVM  
 Flower Valley Veterinary Clinic: James J. Burns, DVM  
 Freshwater Veterinary Hospital: Jerold S. Bell, DVM  
 Homer & Tully Animal Clinics: William P. Cadwallader, DVM  
 Hudson Highlands Vet Med Group: John W. Whitefield, DVM  
 Jeffersonville Animal Hospital: R. Schwalb, DVM  
 Lake Country Veterinary Clinic: Wayne T. Beilman, DVM  
 Larchmont Animal Hospital: Mark Helfat, DVM  
 Laurelton Animal Hospital: Kenneth D. Boehm, DVM  
 Linda Jacobson, DVM  
 Linwood Animal Hospital: Carol A. Cookingham, DVM  
 Lyndon Veterinary Clinic: Eric M. Davis, DVM  
 Manchester Veterinary Clinic  
 Manetto Hill Animal Clinic: Neil Weiss, DVM  
 Marsh Hospital for Animals: Mark Milwicki and Kimberly Taggart, DVM  
 Millersport Small Animal: Michael P. Horan, DVM  
 Montrose Health Center: Nolan P. Rubin, DVM

North Shore Veterinary Hospital: Russell W. Fredericks and Richard W. Fredericks, DVM  
 North Windham Animal Hospital: Todd B. Friedland, DVM  
 Northern Tier Veterinary Clinic: Philip C. Saxton, DVM  
 Norwell Veterinary Hospital: Craig T. Morena, DVM  
 Park Ridge Animal Hospital: Donna M. Manderino, DVM  
 Quarry Ridge Animal Hospital: Donna A. Cobelli, DVM  
 Ridge Animal Hospital: David Monti, DVM  
 Rye Harrison Veterinary Hospital  
 Rupert Veterinary Clinic: Jean R. Ceglowski and Eugene C. Ceglowski, DVM  
 Somers Animal Hospital: Seymour J. Schimelman, DVM  
 South Bay Veterinary Group  
 Southwick Animal Hospital: Patricia Kuzmickas, DVM  
 Stone Ridge Veterinary Hospital  
 Suburban Animal Hospital  
 The Animal Hospitable Veterinary Clinic: Teresa Labuszewski, DVM  
 Wrights Corners Animal Care Center  
 Yellow Springs Veterinary Clinic: Michele A. Mc Kenna, DVM

## BENEFACTORS

### Contributions of \$100 to \$249

Alamo Animal Hospital: Steven A. Tischler, DVM  
 Amsterdam Animal Hospital: John A. Contino, DVM  
 Animal Clinic of Mt. Vernon: Alan Meyer, DVM  
 Animal Hospital of Niskayuna: Ronald Scharf, DVM  
 Animal Medical Hospital: Stephen M. Wyler, DVM  
 Aspetuck Animal Hospital: Ferris G. Gorra, DVM  
 Bellerose Animal Hospital: Andrew Karmin, DVM  
 Boulevard Animal Hospital: Joseph Wilder and Christine Schweizer, DVM  
 Briarcliff Manor Animal Hospital: Jeffrey J. Moyer, DVM  
 Bristol County Veterinary Hospital: Amy A. Hurd, DVM  
 Brook Farm Veterinary Center: Donald E. Kanouse, DVM  
 Camp Road Small Animal Clinic: Karen M. Fischer, DVM  
 Caring Hands Animal Hospital  
 Cassidy Animal Care: Sharon Capone, DVM  
 Central Veterinary Hospital: Michael S. Hardaker, DVM  
 Central Virginia Veterinary: Samuel Baum, DVM  
 Ford Veterinary Associates: Walter K. McCarthy, DVM  
 Fountain House Vet Clinic: Alan Tausz, DVM  
 Glen Animal Hospital: Ann Mucera, DVM  
 Glenelg Animal Hospital: Valerie Bornemann, DVM  
 Godspeed Mobile Veterinary: Pamela N. Dumont, DVM  
 Greece Animal Hospital  
 Green Animal Medical Center: Anne Sober, DVM  
 Highland Animal Hospital: Kathryn J. Smith, DVM  
 Hillsborough Veterinary Clinic: Meghan Tayloe and Karen Goss, DVM  
 Home Veterinary Services: Jeanne Baines, VMD  
 Lexington Animal Hospital: Sheryl H. Carls, DVM  
 Medway Animal Hospital: Michael P. Robinson, DVM  
 Meker Veterinary Clinic: Gafur N. Memon, DVM  
 Montgomery Animal Hospital: Lewis Cooper, DVM  
 Monticello Animal Hospital: Larry Mauer, DVM  
 Mt. Lakes Veterinary House Call Service: Kim Slade, DVM



New Haven Central Hospital for Veterinary Medicine  
 Norwalk Veterinary Hospital:  
 Donald W. Harrick, DVM  
 Norwichtown Veterinary Hospital:  
 Amy L. Crockett, DVM  
 Oakdale Veterinary Hospital  
 Oakton - Vienna Veterinary Hospital:  
 Charles W. Blevins, DVM  
 Perring Animal Hospital: Michael D. Treger, DVM  
 Pleasant Valley Animal Hospital:  
 Martha Gearhart, DVM  
 Pleasantville Animal Hospital: Alan B. Schreier, DVM  
 Rotterdam Veterinary Hospital:  
 Michel D. Hardaker, DVM  
 Ruxton Animal Hospital: Michael H. Kaplan, DVM  
 Sierra Veterinary Clinic: Kresimir Luckars, DVM  
 Smyrna Animal Hospital: Ray M. Sammons, DVM  
 Stack Hospital For Pets: William F. Stack, DVM  
 Star Meadow Animal Clinic  
 Sturbridge Veterinary Hospital:  
 Martin I. Maketansky, DVM  
 Sunbury Animal Hospital  
 Susan Spreat, DVM  
 Thornwood Veterinary Hospital:  
 Raymond J. Schuerger, DVM  
 Town and Country Hospital for Pets  
 Trylon Vet Care: Stephen Wyler, DVM  
 Tyngsborough Vet Hospital: Thomas P. Walsh, DVM  
 Underhill Animal Hospital: Daniel Hill, DVM  
 Wantagh Animal Hospital: Glenn A. Anderson, DVM  
 West Parc Veterinary Clinic:  
 Harold M. Zweighaft, DVM  
 West Park Veterinary Services: David Henthorn, DVM  
 Westfield Animal Clinic: Wayne J. Fowles, DVM  
 Windham Veterinary Clinic: Robin Stronk, DVM  
 Woodbury Animal Hospital: Marc A. Franz, DVM

## FRIENDS

A House Call Service: George M. Korin, DVM  
 Animal Care Clinic: Merrill K. Johnson, DVM  
 Bender Animal Hospital: Martin Wolf, DVM  
 Blair Animal Hospital: John W. Wells, DVM  
 Blue Cross Small Animal Clinic:  
 William J. Brown, DVM  
 Carlson Veterinary Clinic: David Carlson, DVM  
 Cathedral Dog and Cat Hospital:  
 Henry Fierman, DVM  
 Cedar Animal Clinic: Don E. Russell, DVM  
 Cherry Ridge Veterinary Clinic  
 Chittenango Animal Hospital:  
 Ghislaine P. Duhamel, DVM  
 Dr. Joy Clemente, DVM  
 Clover Hill Animal Hospital: Ann Ascher, DVM  
 Community Veterinary Hospital:  
 Lester Mandelker, DVM  
 James F. Cone, DVM  
 Coy Animal Hospital: Franklin A. Coy, DVM  
 Croton on Hudson Veterinary Clinic:  
 Cynthia Eldredge, DVM  
 Dansville Animal Hospital: Philip O. Deitsch, DVM  
 Easton Veterinary Clinic: Mark Goldberg, DVM  
 Englewood Animal Hospital: Robert Groskin, DVM  
 Fort Hill Animal Hospital: Henry J. Travis, DVM  
 Freedom Animal Hospital: Margurette Straley, DVM  
 Gallatin Veterinary Hospital: Greg Lovgren, DVM  
 Gearhart Veterinary Hospital:  
 Martha S. Gearhart, DVM  
 Geneva Veterinary Hospital: Priscilla Irwin, DVM.  
 German Flatts Vet Clinic: Nicholas C. Chuff, DVM

Germantown Veterinary Clinic:  
 Mark Olcott and Lucy Olcott, DVM  
 Gerson Animal Hospital: Les Gerson, DVM  
 Martin Gruber, DVM  
 Guilderland Animal Hospital:  
 Michael J. Casler, DVM  
 Hudson Valley Veterinary Hospital:  
 V. J. Martinisi, DVM  
 Huntington Animal Hospital:  
 Jeffrey M. Kramer, DVM  
 Intracoastal Animal Hospital:  
 Gerald Bezner, DVM  
 Keating Animal Hospital:  
 Mary Keating, DVM  
 Lagrange Veterinary Hospital:  
 Marshall H. Breite, DVM  
 Lansingburgh Veterinary Hospital:  
 Franklin W. Rapp, DVM  
 Laurel Park Animal Hospital  
 Manhasset Animal Hospital:  
 Robert L. Henrickson, DVM  
 Middletown Veterinary Hospital:  
 Michael Brothers, DVM  
 Millwood Animal Hospital:  
 Robert A. Mavian, DVM  
 New Milford Animal Hospital:  
 Robert Belden, DVM  
 North Jersey Animal Hospital:  
 Debra D. Morris, DVM  
 Old Lyme Veterinary Hospital  
 Patchogue Animal Hospital:  
 Harvey S. Atlas, DVM  
 Pine Plains Veterinary Associates:  
 Michael J. O'Neill, DVM  
 Ramapo Animal Clinic:  
 David A. Freedman, DVM  
 River Forest Animal Hospital:  
 Ezekiel Thomas, DVM  
 Rivergate Veterinary Clinic:  
 Peter H. Kross, DVM  
 Schulhof Animal Hospital:  
 Curt C. Benyei, DVM  
 Silver Maple Veterinary Clinic:  
 Annemarie Yoder, DVM  
 South Windsor Veterinary Clinic:  
 Carole Werkhoven, DVM  
 St. Francis Animal Clinic:  
 Gafur Memon, DVM  
 The Country Vet:  
 Thomas DeVincentis, DVM  
 Titusville Veterinary Clinic:  
 Jonathan P. Walker, DVM  
 Triboro Animal Hospital:  
 William H. Marienberg, DVM  
 Valley Animal Avian & Exotics:  
 Bonnie Miller, DVM  
 Veterinary House Calls:  
 Raymond Hayes, DVM  
 Veterinary Housecall Service of Rochester:  
 Sue Neno, DVM  
 Village Animal Clinic:  
 Martin De Angelis, DVM  
 West Roxbury Animal Hospital:  
 Leslie S. Hirsch, DVM  
 West Springfield Animal Hospital:  
 Paul Swenson, DVM  
 Westvale Veterinary Hospital



Dr. Harold Zweighaft, DVM '56, and his wife, Dorothy

## Dr. Harold Zweighaft: Paving the Way for a Healthier Future

Harold Zweighaft, DVM '56, recalls listening to the Institute's namesake, James A. Baker, lecture

his veterinary class on his revolutionary research for a distemper vaccine. "The idea of attenuating a live virus which would give good solid immunity with no risk to the dog was a new concept at that time," he says.

The Institute has remained an important resource throughout Zweighaft's career in veterinary medicine. An early research partner, Zweighaft has continued his commitment to the Institute, most recently sponsoring a lecture seat in the Thaw Charitable Trust Lecture Theater. Additionally, Zweighaft is the largest contributor to date to the Institute's Legacy Walk—purchasing 19 bricks (as of May 2003) in honor of his family's lifetime of pets and the pets of close friends and clients.

Zweighaft has been a state and national leader in veterinary medicine as a state representative to the American Veterinary Medical Association's (AVMA) House of Delegates and as a member of the AVMA Executive Board.

Over the years, the prominent veterinarian has received a number of honors for his professional contributions. In 1994 Zweighaft was named recipient of the New York State Veterinary Medical Society's Distinguished Life Service Award; in 2000, he received the Institute's Founders' Award. In 2002, Zweighaft retired from his well-established Upper West Side veterinary practice in Manhattan, though he maintains active friendships with many of his long-time clients.

Known for his personalized and attentive service, Zweighaft established a "big-city" animal care practice with a "small-town" feel during his 40-plus years at West Parc Veterinary Clinic.

A long-time participant in the Institute's Memorial Gift Program, Zweighaft says his clients often would express how much his support meant to them.

"I think they found it reassuring to know their pet's memory was being honored in perpetuity while helping to support research that would benefit future generations of dogs or cats," he says.

Advances in animal health care as a result of research under way at the Institute have proved useful to both Zweighaft's practice and his personal interests as a breeder of Boston Terriers. Two examples he mentions include colostrum absorption in newborn puppies and the use of stress radiograph to detect canine hip dysplasia—findings that Zweighaft learned as a result of work at the Institute.

He says it is the level of outreach to the veterinary community that engendered his loyalty to the Institute and its "core of scientists and good fellows."

"Information and new developments from scientists at the Baker Institute that are unimaginable today will prove invaluable in helping tomorrow's veterinarians better assist their patients and their pets."



# Paving the Way for Research: Contributors to Baker Legacy Walk

In 2002 we offered a special opportunity to our friends to sponsor a brick in the Institute's new Legacy Walk. The response was touching and greatly exceeded our expectations. The names of pets recorded in the walk powerfully reflect the bond between the owner and their beloved animal. Other bricks were inscribed in tribute to a person honoring his or her commitment to animals. When visiting the walk, one is struck by the importance of each brick and the human or animal it honors.

Over 600 bricks were initially sponsored, and we continue to receive additional brick sponsorships each month. As a result, the original stage of the brick walk was completed with the first 422 bricks placed. The next phase is scheduled for completion in 2004 once the new site for the walk extension has been selected. For more information about the walk and how to sponsor a brick, please contact Ms. Laurie Lychalk at 607 256 5604 or via email at [lal16@cornell.edu](mailto:lal16@cornell.edu).

## BAKER INSTITUTE LEGACY WALK DONORS (AS OF 12/31/02)

Mr. David Abbuhl  
Mr. and Mrs. Edwin Adelman  
Ms. Gail Aeschbacher  
Mr. and Mrs. Raymond Ahearn  
Mr. Clayton Alderfer  
American Chesapeake Club Charitable Trust  
Dr. John Andersen  
Mr. P. Scott Anderson  
Dr. Douglas Antczak  
Dr. Judy Appleton and Dr. Donald Schlafer  
Mrs. Barbara Arienti  
Dr. and Mrs. Douglas Aspros  
Ms. Deborah Aviles  
Ms. Elaine Balady  
Mr. Stephen Baldwin  
Mr. and Mrs. Anthony Balzarano  
Mrs. Amelia Banino  
Mr. and Mrs. Sheldon Bank  
Ms. Rosanne Barsamian  
Mr. and Mrs. Robert Barter  
Ms. Donna Baumer  
Mr. William Beach  
Mr. David Behnke and Mr. Paul Doherty  
The Berkebile Family  
Ms. Beverly Bertelsen  
Ms. Sally Beucler  
Mr. John Bird and Ms. Maura Weathers  
The Bischoff Family

Ms. Denise Block and Ms. Anne Metzger  
Ms. Sheree Bodary  
Ms. Rosemary Bond  
Mr. Thomas Boyce  
Mr. and Mrs. Richard Boyer  
Ms. Gaylyn Boyle  
Ms. Kathleen Brady  
Ms. Leslie Branger  
Ms. Margaret Brantley  
Mr. Atherton Bristol  
Mrs. Renee Bromberg  
Dr. Marjory Brooks  
Ms. Judy Bruzzone  
Ms. Barbara Buchta  
R. M. Buckles  
Mr. Michael Buckley  
Ms. Linda Burdick  
Dr. Nancy Burton-Wurster  
Mr. and Mrs. Howard Butnick  
Bob and Noel Cacchio  
Ms. Charlene Cain  
Ms. Susan Canlis  
Mr. and Mrs. Bob Canning  
Mr. James Cannon  
Ms. Calli Carboni  
The Carl Family  
Dr. and Mrs. Leland Carmichael  
Dr. Maria Castiglione  
Kimberly Chagnon

Mr. Donald Chase  
Ms. Doreen Chelstowski  
Ms. Beverly Ann Chick  
Ms. Marie Cirelli  
Ms. Mary Clair  
Mr. and Mrs. Roger Clark  
Ms. Carol Cleary  
Ms. Jacquelyn Clinton  
Dr. Jeffrey Cohen  
Linda Collins  
Ms. Suzanne Connolly  
Mr. and Mrs. Dave Conroy  
Ms. Barbara Consavage  
Mr. and Mrs. Don Cooley  
Ms. Kim Corallo  
Ms. Marie Cornine  
Ms. Sharon Corrigan  
Mrs. Joanne Costa  
The Coulter Family  
Dr. Karmen Couret  
Mr. Stephen Cozzi  
Mr. Nicholas Cretella  
Mr. Duane Crockett and Ms. Trudy Crockett  
Antionette Daab  
Ms. Elizabeth Dalton  
Ms. Joyce Dalton  
Ms. Joan Darcy  
Mr. James Dascoli  
Ms. Helen Davis

Ms. Irene Davison  
Mr. Anthony De Gregorio  
Ms. Jo Ann De Libero  
Ms. Sylvia de Segur



Mr. and Mrs. Gordon DeAngelo  
Ms. Janice Dee  
Mr. and Mrs. Carl Deinhardt  
Mr. and Mrs. Michael DeMarco  
Mr. Adam Derrick  
Ms. Lena Diab  
Ms. Lynne DiCostanzo  
Ms. Sheila Dineen  
Ms. Donna Dingee  
Ms. Theresa Donahue  
Ms. Thalia Dorwick  
Rev. Joseph Driskill  
Ms. Jean Ducoffe



Dr. and Mrs. G. Clayton Dudley  
 Ms. Patty Duni  
 Dr. Ann Dwyer  
 Ms. Rose Eagen  
 Elmira Kennel Club  
 Mr. and Mrs. James Elvidge  
 Mr. and Mrs. Michael Emen  
 Ms. Michelle Eschborn  
 Ms. Betty Imhof (Estate of Doris McGee)  
 Ms. Karen Etchberger  
 Ms. Lisa Feldman  
 Ms. Pam Ferrigno  
 Ms. Deborah Fertig  
 Ms. Janet Fiebert  
 Mr. Ira Fields  
 Mr. James Fogarty  
 Mr. James Foley  
 Mr. and Mrs. Alvin Foster  
 Mr. and Mrs. Lawrence Franze  
 Mr. and Mrs. Ronald Fuydal  
 Ms. Mary Gaetano  
 Mrs. Marion Gaigal  
 Mrs. Patricia Galasso  
 Mr. John Gallagher  
 Ms. Jennifer Gatien and Mr. Cameron Douglas  
 Mr. and Mrs. Jerome Gerl  
 Ms. Carol Gillispie  
 Ms. Brenda Giovanneillo  
 Ms. Ruth Goepfert  
 Mrs. Joan Gold  
 Mr. Spencer Gordon  
 Mr. Richard Gordon  
 Ms. Roberta Gordon  
 Ms. Judith Gorra  
 Mr. John Gorsline  
 Ms. Marlene Gottlieb  
 Ms. Maureen Gould  
 Mr. and Mrs. Ben Graham  
 Dr. and Mrs. Richard Grambow  
 Mr. William Gratz  
 Mr. Daniel Grim  
 Mr. and Mrs. Marc Grodinsky  
 Mrs. Florence Grossman  
 Ms. Judith Hadlock  
 Ms. Mary Haley  
 Ms. Kay Hansen  
 Ms. Maureen Harrison  
 Ms. Nancy Hathaway  
 Mr. Stephen Heard  
 Mr. Fred Held  
 Dr. and Mrs. Mark Helfat  
 Ms. Vicki Herrmann  
 Ms. Joanne Hess  
 Mr. and Mrs. Michael Hesser and Miss Amy Hesser  
 Ms. Beth Hibbard  
 Ms. Pam Hideriotis  
 Mr. Lawrence Higbee  
 Ms. Katherine Hildreth  
 Ms. Janet Hoch  
 Ms. Germaine Hodges  
 Mrs. Bernice Hodgkin



Dr. and Mrs. David Holowka  
 Mr. J. Robert Horan  
 Ms. Karen Horan  
 Dr. Amy Hurd  
 Ms. Brenda Ireland  
 Ms. Teresa Jackson  
 Mr. Ronald Jacobs  
 Mr. and Mrs. Skip James  
 Ms. Anna Jentsch  
 Mr. and Mrs. John Jesser  
 Mr. Terry Johanesen Jr.  
 Mr. Albert Johnson  
 Ms. Gretchen Johnson  
 Mr. and Mrs. Peter Jupp  
 Ms. Nancy Kamel  
 Mr. and Mrs. Jack Kane  
 Ms. Joyce Kaplan  
 Mr. Brian Kaviar  
 Mr. Scott Kearney  
 Mr. and Mrs. Kelly Keech  
 Mr. Brian Kelleher  
 Mr. and Mrs. Christopher Keller  
 Ms. Susan Kerner Hoeg  
 Mr. and Mrs. Richard Kilsheimer  
 Mr. and Mrs. Gerald King  
 Mrs. Darlene Klein  
 Mr. and Mrs. John Konwiser  
 Mr. Saul Korduner  
 Ms. Margaret Kostik  
 Mr. and Mrs. Jules Kroll  
 Ms. Allison Kubik  
 Mr. Dean Lage  
 Ms. Sharon LaPier  
 Ms. Randi Larowitz  
 Mr. and Mrs. Robert Laughlin  
 Ms. Marta Jo Lawrence  
 Dr. Robert Lee  
 Mr. and Mrs. James Leo  
 Mr. Michael Leuthauser  
 Mr. Heath Levine  
 Mr. and Mrs. Robert Linn  
 Mr. and Mrs. Robert Lipper  
 The Lipset Family  
 Ms. Judith Litt  
 Dr. A. Dwight Lopes  
 Mr. James Loveland  
 Mr. Dennis Lubozynski  
 Mrs. Valerie Luther  
 Mrs. Laurie Lychalk  
 Ms. Patricia Lyman  
 Ms. Marjorie Madera  
 Dr. Peter Malnati

Ms. Gloria Manente  
 Mrs. Kimberly Marrese  
 Mr. and Mrs. Paul Marshall  
 Ms. Nancy Maruyama  
 Mastiff Club of America  
 Ms. Georgianna May  
 Mr. and Mrs. John McCoy  
 Ms. Patricia McDermott  
 Ms. Jane McKinnell  
 Ms. Carol McKinzie  
 Mr. Larry McMillin  
 Mr. Thomas McNamara  
 Mrs. Martha Meskutovecz  
 Ms. Joanne Meyerhoff  
 Ms. Jane Miller  
 Mr. Douglas Miller  
 Mr. and Mrs. Matthew Miner  
 Mr. and Mrs. Glenn Mishuck  
 Dr. Grayson Mitchell  
 Mr. Bruce Mitchell  
 Mr. and Mrs. Bruce Mitchell  
 Mr. Joseph Mola  
 Mr. and Mrs. Robert Monaco  
 Mr. and Mrs. Michael Monopoli  
 Dr. Charles Montagna  
 Ms. Lynda Morris and Mr. John Kazmark  
 Mrs. Shirley Moyer  
 Ms. Joan Mszanski  
 The Mullen Family  
 Ms. Irene Murphy  
 Mr. and Mrs. John Neet  
 Mr. and Mrs. Steven Neitz  
 Ms. Ellen Newhouse  
 Mr. and Mrs. Denton Nichols and Ms. Donna Mochi  
 Ms. Diana Niles  
 Mr. and Mrs. Terry Noftall  
 Mr. and Mrs. Nai Phuan Ong  
 Ms. Alida Ostromecki  
 Ms. Nancy Palmer  
 Ms. Juliane Palumbo  
 Mrs. Edith Papastefanou  
 Mr. and Mrs. Alfred Paulsen  
 Mr. and Mrs. Richard Pearl  
 Ms. Joyce Perelman  
 Mr. and Mrs. Robert Perlstein  
 Mr. and Mrs. Rocco Petito  
 Mr. Bruce Phillips  
 Mr. and Mrs. Joseph Pirolo  
 Mrs. Patricia Poggi  
 Dr. Gerald Pogue  
 Dr. and Mrs. Roy Pollock  
 Mr. and Mrs. Richard Polochock  
 Ms. Monica Ponce De Leon  
 Ms. Cynthia Pope  
 Ms. Ethel Posner  
 Ms. Arvilla Powell  
 Ms. Maria Raffa  
 Ms. Jennifer Rautine  
 Ms. Patricia Reese  
 Ms. Orianna Richards  
 Mr. Steven Richman  
 Ms. Wendy Richter

Ms. Allison Riley  
 Ms. Victoria Rininger  
 Mr. and Mrs. Steve Rockefeller  
 Mr. and Mrs. David Rojek  
 Ms. Cheryl Roman  
 Mrs. Barbara Rosen  
 Mr. Harry Rubeck Jr. and Mrs. H. G. Rubeck  
 Dr. Deirdre Ryan  
 Ms. Joanna Samson  
 Ms. Sheila Sanders  
 Mr. and Mrs. Ed Sands  
 Ms. Evelyn Savino  
 Ms. Julie Schaefer  
 Ms. Sara Schaffzin  
 Ms. Leslie Schettino  
 Ms. Anna Scheuer  
 Ms. Pamela Schider  
 Mr. John Schofield  
 Mr. and Mrs. Charles Scott  
 Mrs. Brenda Seal  
 Mr. Felix Sebacious  
 Mr. Haskell Seymour  
 Terry and DeeDee Shaw  
 Mrs. Gladys Sheil  
 Ms. Helen Sheldon  
 Ms. Kay Shipman  
 Ms. Caroline Shook  
 Ms. Linda Sichak  
 Mrs. Debby Simon  
 Dr. Michelle Singer  
 Ms. Cheryl Skennion  
 Ms. Amy Smith  
 Ms. Anne Smith  
 Mr. Carl Smith  
 Dr. Kathryn Smith  
 Ms. Paige Smith  
 Ms. Julia Snyder  
 Ms. Diane Snyder  
 Mr. and Mrs. Russell Solsky  
 Mr. and Mrs. John Spiegel  
 Mr. and Mrs. Frank Stafford  
 Ms. Laurel Stanley  
 Mr. and Mrs. Curtis Steinhour  
 Dr. Matthew Stewart  
 Dr. Tracy Stokol  
 Dr. John Stoner  
 Mr. Benjamin Strouse  
 Ms. Shanna Sullivan  
 Ms. Sandra Suplicki  
 Ms. Mary Surico  
 Ms. Nancy Swanson  
 Mr. and Mrs. Bradley Sweeny  
 Ms. Anne Swift  
 Mr. and Mrs. John Taranto  
 Ms. Rosemary Taylor  
 Mr. Roy Taylor  
 Ms. Martha Teichner  
 Dr. Cesar Tello  
 The Community of the Holy Spirit  
 Ms. Brenda Thieberg  
 Dr. John Thomas  
 Mr. J. Robert Tolchin  
 Ms. Anne Torda

Ms. Lorili Toth  
 Town and Country Hospital for Pets  
 Ms. Donna Trent  
 Dr. Dina Tresnan  
 Dr. and Mrs. Stanley Truffini  
 Mr. and Mrs. Bill Truncali  
 Mr. and Mrs. Thomas Tyrrel  
 Ms. Mary Unkefer  
 Mr. and Mrs. Michael Vairette  
 Mr. Peter Valdada  
 Mr. and Mrs. James Van Cura  
 Mr. and Mrs. Clatus Van Zile  
 Ms. Alena Verderame  
 Mr. William Viens  
 Ms. Patricia Villa  
 Mrs. Maria Wajdo  
 Ms. Sandra Waldman  
 Mr. William Ware  
 Ms. Wendy Weichert  
 Mr. Richard Weir III  
 Mr. and Mrs. John F. Weiss  
 Ms. Lucy Weizenecker  
 Mr. Tim Welch  
 Mr. Barry Werner  
 Ms. Carolyn Whitesides  
 Ms. Pauline Williman  
 Ms. Joan Willson  
 Ms. Patricia Weldon Wilson  
 Dr. and Mrs. Michael Woltz  
 Ms. Sue Woodrow  
 Robbie and Skip Wright  
 Yellow Springs Veterinary Clinic  
 Mr. Eric Young  
 Dr. James Young  
 Dr. William Zitek  
 Dr. Harold Zweighaft



# WHO WE ARE



Baker Institute faculty, staff, and students gather in the new Thaw Charitable Trust Lecture Theater for a group photo, April 2003.

## Administration

**Douglas F. Antczak**, Director and Dorothy Havemeyer McConville Professor of Equine Medicine: BA, Cornell; VMD, University of Pennsylvania; PhD, Cambridge University (UK)

**Joseph E. Bennett**, Facilities Manager: AALAS accreditation

**Amy D. Gush**, Director of Public Affairs: BS, MBA, Virginia Polytechnic Institute and State University

**Jane M. Miller**, Administrative Manager: BS, MPS, Cornell

**Cydney H. Peters**, Director of Communications: BA, New York University

*"A dog wags its tail with its heart."*

—Martin Buxbaum



# Research Units

## Infectious Diseases and Immunology

### Bostwick Laboratory of Molecular Biology

**Colin R. Parrish**, Professor of Virology: BSc, Massey University (New Zealand); PhD, Cornell

**Karsten Huffer**, PhD Candidate: DVM, School of Veterinary Medicine – Hannover (Germany)

**Laura M. Palermo**, PhD Candidate: BS, MS, University of Buenos Aires (Argentina)

**Gail M. Sullivan**, Research Technician: AAS, SUNY Agricultural and Technical College at Canton; BA, SUNY College at New Paltz

**Jennifer A. Val**, PhD Candidate: BS, Binghamton University

**Wendy S. Weichert**, Research Technician: BS, Cornell

### Equine Genetics Center

**Douglas F. Antczak**, Dorothy Havemeyer McConville Professor of Equine Medicine: BA, Cornell; VMD, University of Pennsylvania; PhD, Cambridge University (UK)

**Paige Adams**, PhD Candidate: BS, DVM, Texas A & M University; MS, University of Minnesota

**Donald C. Miller**, Research Technician: Cornell

**Rebecca L. Tallmadge**, PhD Candidate: BS, Cornell

**Bettina K. Wagner**, Visiting Professor: Dr med vet, University of Hannover (Germany)

### Laboratory of Immunology

**Robin G. Bell**, Professor of Immunology: BSc, Australian National University; PhD, John Curtin School of Medical Research (Australia)

**Lincoln S. Adams**, Research Technician: BS, Hobart College; AALAS accreditation

### Laboratory of Virology

**John S. L. Parker**, Assistant Professor of Virology: BVMS, University of Glasgow (Scotland); PhD, Cornell

**Lynne J. Anguish**, Research Support Aide: BS, University of New Hampshire; MS, University of Guelph (Canada)

## Laboratory of Mucosal Immunity

**Judith A. Appleton**, Professor of Immunology: BS, Indiana University; MS, PhD, University of Georgia

**Daniel P. Beiting**, PhD Candidate: BS, Appalachian State University

**Susan K. Bliss**, Research Associate: BA, Lawrence University; DVM, PhD, Cornell

**Lisa P. Daley**, PhD Candidate: BSc, University of the West Indies (Jamaica)

**Michael S. Duffy**, Postdoctoral Fellow: BSc, PhD, University of New Brunswick (Canada)

**Lucille F. Gagliardo**, Research Technician: BS, Southampton College

**Gerardo J. Pineiro**, Postdoctoral Fellow: BS, Cornell; MD, Howard University College of Medicine

**Seana M. Thrasher**, PhD Candidate: BS, DVM, University of Georgia

## Institute Employees Receive Service Awards

In 2002, the following employees at the Baker Institute received service awards in recognition of their continuous employment at Cornell.

### 30 Years

Alma Williams  
Research Technician  
The Albert C. Bostwick Foundation Laboratory

### 25 Years

Joseph Bennett  
Facilities Manager

### 15 Years

Elizabeth Corey  
Research Technician  
The Albert C. Bostwick Foundation Laboratory

Russell Haus  
Maintenance  
Mechanic

### 5 Years

Jennifer Johnson  
Research Technician  
Inherited Eye Disease Studies Unit  
Laurie Lychalk  
Administrative Assistant  
Office of Public Affairs



2002 Service Award Recipients pictured with director Doug Antczak. Back row (l to r): Alma Williams, Russ Haus, Joe Bennett, Laurie Lychalk; Front row (l to r): Liz Corey and Jennifer Johnson



# WHO WE ARE

## Genetics and Development

### The Albert C. Bostwick Foundation Laboratory

**George Lust**, Professor of Physiological Chemistry: BS, University of Massachusetts; PhD, Cornell

**Nancy I. Burton-Wurster**, Senior Research Associate: BA, MS, PhD, New York University

**Kristen M. Clements**, Postdoctoral Associate: BSc, PhD, University of Bristol (UK)

**Elizabeth E. Corey**, Research Technician: BS, University of Vermont

**Virginia M. Scarpino**, Research Technician: BS, Edinboro State College; MA, SUNY College at Geneseo

**Alma J. Williams**, Research Technician: BA, University of Pennsylvania; MS, Cornell; AALAS accreditation

### Inherited Eye Disease Studies Unit

**Gustavo D. Aguirre**, Alfred H. Caspary Professor of Ophthalmology: VMD, PhD, University of Pennsylvania; PhD(hc); Diplomate, American College of Veterinary Ophthalmologists

**Gregory M. Acland**, Senior Research Associate: BVSc, University of Sydney (Australia); Diplomate, American College of Veterinary Ophthalmologists

**Kathleen Aguirre**, Administrative Assistant

**William A. Beltran**, PhD Candidate: DVM, National Veterinary College of Alfort (France); MS, University of Paris (France)

**Celine Casse**, Postdoctoral Associate: BS, University P et M Curie (France); MS, PhD, University R Descartes (France)

**Pam E. DiDia**, Research Technician

**Orly Goldstein**, Research Support Specialist: BS, the Hebrew University (Israel); MS, Tel-Aviv University (Israel)

**Da-Nian Gu**, Research Associate: BS, MS, PhD, Fu Dan University (China)

**Linda S. Hunter**, PhD Candidate: BS, DVM, Cornell



**Jennifer L. Johnson**, Research Technician: BS, Cornell

**Julie A. Jordan**, Research Technician: AS, Tompkins-Cortland Community College

**Anna V. Kukekova**, Research Associate: MS, St. Petersburg State University (Russia); PhD, Institute of Cytology – Russian Academy of Science (Russia)

**John L. McElwee**, Research Technician: BS, Binghamton University

**Brian J. Miller**, Research Support Specialist: BS, Pennsylvania State University

**Jacque L. Nelson**, Research Technician: AS, Jamestown Community College; BS, Cornell

**Susan E. Pearce-Kelling**, Research Support Specialist: BS, MS, Cornell

**Duska J. Sidjanin**, Research Associate: BS, MS, University of Rochester; PhD, Northern Illinois University

**Elijah J. Talamas**, Research Technician: BA, Cornell

**Keith R. Watamura**, Administrative Assistant: BA, University of Minnesota

**Barbara Zangerl**, Research Associate: MVSc, PhD, University of Veterinary Medicine Vienna (Austria)

### Laboratory for the Study of Inherited Canine Reproductive Diseases

**Vicki N. Meyers-Wallen**, Associate Professor of Reproduction: BS, University of Maryland; VMD, PhD, University of Pennsylvania; Diplomate, American College of Theriogenologists

**Kumar S. D. Kothapalli**, Postdoctoral Associate: BSc, MSc, Andhra University (India); PhD, Osmania University (India)

### Laboratory of Reproductive Biology

**Alexander J. Travis**, Assistant Professor of Reproductive Biology: AB, Princeton University; VMD, PhD, University of Pennsylvania

**Leanna J. Natale**, Research Technician: BS, MS, Worcester Polytechnic Institute

**Collin A. Wolff**, Research Technician: BS, Cornell

## Emeritus Faculty

**Max J. G. Appel**, Professor of Virology, Emeritus: Dr med vet, University of Hannover (Germany); PhD, Cornell

**Leland E. Carmichael**, John M. Olin Professor of Virology, Emeritus: AB, DVM, University of California; PhD, Cornell; PhD(hc); Diplomate, American College of Veterinary Microbiologists

**Ben E. Sheffy**, Caspary Professor of Nutrition, Emeritus: BS, MS, PhD, University of Wisconsin



## Administrative Support

**Anita S. Hesser**, Administrative Assistant and Assistant Network Administrator: AS, SUNY Empire State College

**Rita C. Hoffay**, Accounts Assistant: AAS, SUNY College at Cobleskill

**Laurie A. Lychalk**, Administrative Assistant, Public Affairs: AAS, Tompkins Cortland Community College

**Catherine M. Reed**, Assistant to the Director: BS, SUNY College at Cortland

**Dorothy K. Scorelle**, Administrative Assistant: BS, SUNY College at New Paltz

**Susan M. Williams**, Office Receptionist/Administrative Assistant

## Maintenance and Grounds

**David H. Edwards, Jr.**, Maintenance Mechanic

**Russell F. Haus**, Maintenance Mechanic

**Edward H. Thompson, Jr.**, Laboratory Attendant

## Animal Care

**Jackie L. Wright**, Vivarium Supervisor: AAS, SUNY College of Technology at Delhi; BS, Syracuse University; AALAS accreditation

**Kevin T. Draiss**, Animal Technician: AAS, SUNY Agricultural and Technical College at Delhi; BS, Cornell; AALAS accreditation

**Scott C. Hoffay**, Animal Technician: AAS, SUNY College at Cobleskill

**Shannon D. Kellogg**, Animal Technician

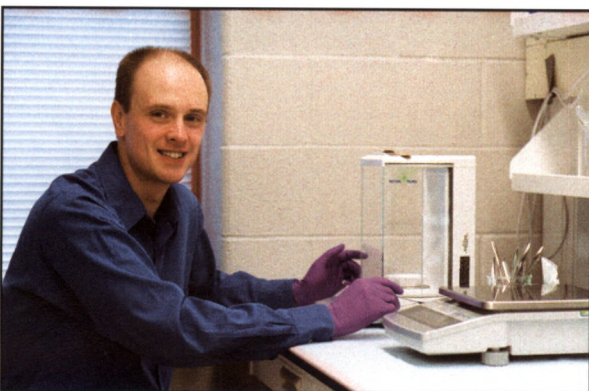
**Julie D. Reynolds**, Animal Technician

**Jonathan R. Wood**, Animal Technician: AAS, Finger Lakes Community College

## Veterinary Students

**Katelyn Romeo** (Meyers-Wallen Laboratory)

**Claudia Sandoval** (Meyers-Wallen Laboratory)



## Undergraduate Students

**Kathleen A. Bonawandt** (Lust/Burton-Wurster Laboratory)

**Cory J. Brown** (Antczak Laboratory–Horse Barn crew)

**Erin L. Goodrich** (Antczak Laboratory–Horse Barn crew)

**Bryn A. Hoffman** (Lust/Burton-Wurster Laboratory)

**Eric L. Miller** (Parrish Laboratory)

**Jessica C. Nehring** (Antczak Laboratory–Horse Barn crew)

**Kim S. Pinkney** (Antczak Laboratory–Horse Barn crew)

**Jonathan Rivnay** (Office of Public Affairs)

**Hilde S. Roman** (Antczak Laboratory–Horse Barn crew)

**Katharina E. Russ** (Antczak Laboratory–Horse Barn crew)

**C. Owen Smith** (Aguirre Laboratory)

**Lauren M. Schulke** (Lust/Burton-Wurster Laboratory)

**Suzanne L. Stachnki** (Antczak Laboratory–Horse Barn crew)

**Jeremy B. Sykes** (Appleton Laboratory)

**Lindsay A. Williams** (Parrish Laboratory)

**Catherine E. Wood** (Antczak Laboratory)

*“The disposition of noble dogs is to be gentle with people they know and the opposite with those they don’t know.... How, then, can the dog be anything other than a lover of learning, since it defines what’s its own and what’s alien.”*

—Plato







Cover photo by Dede Hatch of her dog, Ruby 1990–2003

*“Dogs are our link to paradise. They don’t know evil or jealousy or discontent. To sit with a dog on a hillside on a glorious afternoon is to be back in Eden, where doing nothing was not boring—it was peace.”*

— Milan Kundera, Czech writer, 1929–

Every effort has been made to ensure the accuracy of the information in this report. Please alert us to any discrepancies or omissions by contacting:

Office of Public Affairs  
Baker Institute for Animal Health  
College of Veterinary Medicine  
Cornell University  
Ithaca, New York 14853  
Phone: (607) 256-5604  
E-mail: [la116@cornell.edu](mailto:la116@cornell.edu)



## Credits and Acknowledgments

### Editorial

Cydney H. Peters  
Director of Communications

Amy Gush  
Director of Public Affairs

### Design

Laurie Ray, Communication and Marketing Services

### Photography

Dede Hatch

*Other images provided by:*

Joanne Bicknese  
Melanie Burford for Jana Curcio Photography  
Cornell University Photography  
Charles Harrington  
Fred Marcus Photography  
Denice Markley-Heichel  
Judy Wilpon

### Printing

Cayuga Press

### Acknowledgments

Christine Aquadro (Baker Institute Public Affairs intern)  
Cornell College of Veterinary Medicine, Office of Public Affairs (Jeannie Griffith)  
Cornell News Service (Lissa Harris, Roger Segelken)  
Allie Laban-Baker, The Foundation Fighting Blindness  
Ward Television

### Annual Report 2002,

#### Volume 51

Baker Institute for Animal Health  
College of Veterinary Medicine  
Cornell University  
Ithaca, New York 14853  
Phone: (607) 256-5600  
Fax: (607) 256-5608  
E-mail:  
[baker\\_institute@cornell.edu](mailto:baker_institute@cornell.edu)

To learn more about the Baker Institute, visit us on-line at:  
[bakerinstitute.vet.cornell.edu](http://bakerinstitute.vet.cornell.edu)

Cornell University is an equal opportunity, affirmative-action educator and employer.

Printed on recycled paper

12/03 7M CP MTS10888A





## *He Is Just My Dog*

He is my other eyes that can see above the clouds;  
my other ears that hear above the winds.  
He is the part of me that can reach out into the sea.

He has told me a thousand times over that I am his reason  
for being; by the way he rests against my leg;  
by the way he thumps his tail at my smallest smile;  
by the way he shows his hurt when I leave without taking him.  
(I think it makes him sick with worry when he is not along to care for me.)

When I am wrong, he is delighted to forgive.  
When I am angry, he clowns to make me smile.  
When I am happy, he is joy unbounded.

When I am a fool, he ignores it.  
When I succeed, he brags.  
Without him, I am only another man. With him, I am all-powerful.

He is loyalty itself. He has taught me the meaning of devotion.

With him, I know a secret comfort and a private peace.  
He has brought me understanding where before I was ignorant.

His head on my knee can heal my human hurts.  
His presence by my side is protection against my fears of dark and  
unknown things.

He has promised to wait for me... whenever... wherever—in case I need him.  
And I expect I will—as I always have. He is just my dog.

—From "Tears and Laughter: A Couple of Dozen Dog Stories" by Gene Hill.  
Copyright Gene Hill. All rights reserved.



  
COLLEGE OF  
Veterinary Medicine

BAKER INSTITUTE

---

F O R   A N I M A L   H E A L T H