

# SCAW

“...promoting best practices in animal research and testing”

**Newsletter**

Volume 25 Number 4 Winter 03

*Celebrating 25 years!!!      Celebrating 25 years!!!      Celebrating 25 years!!!      Celebrating 25 years!!!*

## **Celebrating 25 Years!!!**

SCAW, a well established and respected organization for the past 25 years, has become a leader in the field of research animal welfare. We've persevered despite limited resources and “rocky” economical times, largely due to the help of our Board of Trustees and a dedicated staff.

SCAW has organized and sponsored countless conferences, workshops and seminars in those 25 years. As part of our on-going commitment we publish the material from these meetings and offer it to the research community. SCAW has always offered timely information, not only to the scientific community, but to all of those involved in research animal welfare. We look forward to serving the educational needs of the research community for another 25 years!

### *Our Mission*

*The Scientists Center for Animal Welfare (SCAW) is a non-profit educational association of individuals and institutions whose mission is to promote the best practices of humane care, use, and management of animals involved in research, testing and education.*

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# Scientists Center for Animal Welfare

## Mission Statement

The Scientists Center for Animal Welfare (SCAW) is a non-profit educational association of individuals and institutions whose mission is to promote the best practices of humane care, use, and management of animals involved in research, testing or education in laboratory, agricultural, wildlife or other settings.



## Newsletter

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The SCAW Newsletter is published quarterly by the Scientists Center for Animal Welfare.

Submissions to the newsletter are most welcome and need to be in electronic format. Please send to [info@scaw.com](mailto:info@scaw.com)

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Schering-Plough Research Institute

**Joanne Zurlo, PhD**  
Institute for Laboratory Animal Research

# Schedule of Activities for 2004

proposed

## March

*IACUC-Advanced* workshop held in Baltimore, MD on March 5

*IACUC-Advanced* is a program developed by SCAW to train members of Institutional Animal Care and Use Committees (IACUC). The format of the program is such that small groups can discuss specific, complex topics that are relevant to IACUC functions, and focus on advanced training. These workshops are for experienced IACUC members and others who work with laboratory animals. Please visit our website [www.scaw.com](http://www.scaw.com) for more information.

Publication of Spring SCAW newsletter

Society of Toxicology held in Baltimore, MD, March 28-April 1 (exhibit)

## April

*IACUC-Advanced* workshop held in New York, NY on April 15

Experimental Biology held in Washington, DC, April 17-21 (exhibit)

## June

Publication of Summer SCAW newsletter

Tribbranch/AALAS held in Philadelphia, PA, June 6-9 (exhibit)

## September

*IACUC-Advanced* workshop held in Denver, CO on September 17

Publication of Fall SCAW newsletter

NCAB/AALAS held in MD (exhibit)

## October

National AALAS held in Tampa, FL, October 17-24 (exhibit)

## December

SCAW winter conference held in San Antonio, TX, December 6-7

Publication of Winter SCAW newsletter

# Words about SCAW

I started working for SCAW in 1984 as a part-time consultant, but I came intrigued with the rational concept behind SCAW's mission, and here I am today. In 1984 the SCAW office was in the home of Dr. Barbara Orlans, SCAW's founder, and we had about four Institutional Members (IM). Today we have 146 IMs and other events have marked SCAW's progress. Soon after I joined SCAW we moved to an office in downtown Bethesda, hired more staff, other than Dr. Orlans, Kathy Santucci and myself, and started to sponsor educational meetings and publish materials focusing on research animal welfare issues.

Today the Center has an office suite in Greenbelt, Maryland, five employees, and a Board of Trustees who are well-known in their fields and who come from various areas of animal research, testing and teaching. With advice and help from a strong Board, generous donors, and a very competent staff, SCAW has been able to develop new programs, like the IACUC-Advanced workshops. These workshops definitely seem to meet a need in the animal user community. They are co-sponsored with other institutions in different areas of the United States and address complex issues of IACUC (Institutional Animal Care and Use Committee) protocol review and oversight of animal use.

I am proud to have been associated with SCAW for so many years. The goals of the organization, the strength in pursuing worthwhile goals, and the overall integrity of purpose and pursuit of goals has consistently remained high. I look to continuing my association with SCAW and to working towards new and better ways to serve the research animal community.

**Lee Krulisch**

It has been my privilege to be associated with SCAW for nearly all of its 25 years. Over these years I have witnessed an ever growing confidence and respect in SCAW from both the scientific and animal protection communities. SCAW's success is based on the tenet that quality animal care is essential for good science, and on its dedication to promoting best practices in animal research. SCAW's educational programs have accomplished much toward achieving these goals. This has also served to engender public support for essential research that requires the use of animals. There are many successes to celebrate from SCAW's first 25 years. May the next 25 be equally rewarding. Congratulations!

**Bob Whitney**

**W**hen I became a Trustee a new Executive Director had just started and this turned out to be a disaster for he could not raise money. As a result SCAW nearly went bust. Fortunately, we received some wisdom and appointed Lee into that position and she rescued SCAW.

**Bob Smeby**

**I** am honored to say that I have been affiliated with SCAW for 13 years. Ten of those years were spent working in the Maryland office touching all aspects of a small non-profit organization and the last three years have been from the Oregon office telecommuting as a meeting planner. As an employee of SCAW I have seen us grow a tremendous amount in 13 years. Thirteen years ago SCAW was looked at as a “Animal Rights Organization” and through exhibiting at other National Association meetings we are now recognized as a “Animal Welfare Organization”.

Through our conferences, workshops and proceedings we have risen to the forefront in all areas of animal welfare issues, including human animal relationships, performance standards, IACUCs and pain and distress.

I would like to thank Barbara Orland for SCAW’s existence, Lee Krulisch for her guidance and the twenty years she has given to SCAW, past and present Board members and all the people who have supported us for the past 25 years.

**Linda Tockey**

**T**he Canadian Council on Animal Care and in particular Drs Harry Rowsell, Frank Flowers and myself have enjoyed a congenial and cooperative association with SCAW. Both organizations have a common mission and objective of high quality scientific research utilizing the highest standards of animal care and welfare.

We have witnessed the evolution of better animal care and use practices and share with SCAW our knowledge through educational and directives in this accomplishment. I wish SCAW future successes and commend the organization for the achievements in the past twenty five years. Keep up the good work you do make a difference.

**Jim Wong**

**H**aving been an employee of SCAW for the past five years, I realize the importance of research animal welfare and how it effects our everyday existence. I congratulate SCAW on its 25th anniversary.

**Barbara Smith**

The year 1978 was a momentous year for me. I was appointed as the new Director of the Office for Protection from Research Risks. At that time, I had a little experience with human research subjects, but no experience with research involving laboratory animals. I was desperately seeking guidance I could trust. On one hand I was bombarded by certain activists who wanted to put an end to all research involving animals. On the other hand I was threatened by a handful of scientists who claimed that any regulation of research involving animals was likely to destroy progress in the biological sciences. I instinctively knew that both positions were wrong — but I did not know where to turn for clear-headed advice about a middle ground.

In the nick of time, SCAW came to my rescue. Animal scientists, veterinarians, research administrators and leaders of the general public came together to form SCAW. They taught me how to meet my responsibilities in the midst of a fierce public debate.

For the past 25 years, SCAW has provided reliable information and sensible advice to vast numbers of Americans who support both excellent science and humane treatment of animals. Congress, the USDA, and the NIH have all profited from SCAW's generous and competent assistance. SCAW has reduced hostility and promoted rational discourse among all parties to the debate on the appropriate care and use of laboratory animals.

Congratulations to SCAW for twenty five years of excellent service to our nation. AD MULTOS ANNOS!

**Charles McCarthy**

I started in October of 1987 as a temporary to fill in as I needed a couple days a week. I did not have any idea what or who SCAW was. The temporary agency told me it had something to do with animals. I have laughed at myself over the years thinking this temp job might have had me in front of NIH on Wisconsin Avenue carrying a sign as this was almost a weekly happening back then, not knowing the difference between Welfare and Rights.

Back then one computer was shared by all and the individual member renewals were typed on rolodex cards then entered into the computer for the newsletter mailing.

The growth and respect we have received over the years is from the hard work of our dedicated director, board and advisory members. That work has made SCAW what we are today an organization well known and respected as an Animal Welfare organization among the research community. I am so pleased to be able to say I work for SCAW.

**Camille Lochotzki**

**W**hen I emigrated to North America from Scotland in 1989, I was unprepared for the great divide that existed here between animal users and those opposed to animal use. It seemed to me that the scientific community in Europe, and particularly in the U.K., led by the Universities Federation for Animal Welfare, had taken on board the fact that animal welfare issues in lab animals, farm animals and companion animals HAD to be addressed. There seemed to be no-one in North America prepared to accept this. And then I discovered SCAW! I attended SCAW Meetings, I spoke at SCAW Meetings, I was invited to join SCAW's Board and eventually had the honor to serve as Vice-President. I discovered that there ARE enlightened scientists in North America who are interested in carrying out research on animals AND in protecting the welfare of these animals. And this is not just an exclusive club for scientists with way-out views; the movers and shakers in SCAW are GOOD scientists. SCAW is not even exclusive. It is exactly the opposite - trying to include all scientists who work with animals, educating them in the best practices of animal use, and encouraging them to educate others.

SCAW has had a huge influence on animal use in North America in its 25 years of existence. I congratulate SCAW for 25 years of great work and look forward to seeing the results of the next 25 years.

**Ian Duncan**

**I**t's hard to believe that SCAW has been around for 25 years! I'm pleased to have been part of a number of SCAW programs over the years and always came away feeling good about the collegiality that was evident at these gatherings. I also felt that SCAW's essential message - that concern for animal welfare could be combined with rigorous scientific research - was well presented and well received. I hope the next 25 years are as productive and inspiring as the first 25.

**Hank Davis**

**C**an you believe I have not been fired in the almost eight years that I have been at SCAW?!?. Amazed and here's to another 25!

**Anne Chestnut**

**I**am delighted to be associated with SCAW as a member of the Board of Trustees. In the years that I been interacting with SCAW, first in my association with the Johns Hopkins Center for Alternatives to Animals Testing and now as director of ILAR, the organization has made great strides in conveying the scientific community's concern about the welfare of their animal research subjects. Through its publications and conferences, SCAW has succeeded in bringing together multiple constituencies to work toward common goals. I extend my congratulations to SCAW on its 25th anniversary with confidence that it will continue to do its fine work over the next 25.

**Joanne Zurlo**

**S**CAW has been a breath of fresh air through the years, gathering to gether a community of scientists who incorporate a strong emphasis on animal welfare and the human relationship with animals in the laboratory, while also valuing the science. Each of the topics addressed at SCAW meetings over time has come to be mainstream within the scientific community. SCAW has consistently provided the pioneering vision and leadership for considering the importance of animal welfare. Congratulations on reaching the 25th Anniversary, and Thank you!

SCAW has legitimized and provided support for the work of scientists seeking to bridge animal welfare with good science.

**Lynette Hart**

**C**ongratulations to SCAW and its staff on a fantastic 25 years. Animal Care and Use Committees and the protocol review process would not be the same without your excellent educational programs. SCAW's objective, impartial approach to dealing with ethical and moral issues related to the use of animals in Biomedical Research, teaching and education has significantly contributed to improved public confidence in the research process. We owe you a debt of gratitude for your efforts in helping the general public, animal welfare groups and the research community understand the views and concerns of other groups. Congratulations again on your first quarter of a century.

**Tom Darby**

**C**ongratulations to SCAW and to all those who have contributed to its 25 years of successful operation. In 1980 when I was asked to join the Board of Directors and become its Treasurer little did I know that 25 years later the Center would be recognized as one of the Nation's leading Laboratory Animal Science organizations. While it has struggled at times, mostly due to financial constraints, I believe SCAW has remained true to its original purpose, i.e., to provide a forum for addressing the welfare of animals used in research from a scientific perspective rather than from a purely emotional one. I am truly proud to have been a small part of SCAW's success and wish for it at least 25 more years of National leadership in our profession.

**Richard Simmonds**

# SCAW History

meetings, conferences and workshops

**1986**

**The Welfare of Laboratory Animals: Current Issues**

A conference organized by SCAW and co-sponsored with The University of Texas System Cancer Center, MD Anderson Hospital and Tumor Institute  
October 15-17, 1986, Houstonian Hotel and Conference Center, Houston, Texas

**1987**

**Well-being of Laboratory Animals — How to Comply with the New Regulations**

A conference organized by SCAW and co-sponsored with The University of Chicago

June 3-5, 1987, Hyatt Regency Hotel, Chicago, Illinois

**Animal Research and Testing: Humane Frontiers—  
How to Comply with National Policies**

A conference organized by SCAW and co-sponsored with The Rockefeller University

October 8-9, 1987, Rockefeller University, New York, New York

**1988**

**Science and Animals: Addressing Contemporary Issues**

A conference organized by SCAW

June 22-25, 1988, Vista International Hotel, Washington, D.C.

**1989**

**Canine Research Environment**

A conference organized by SCAW

June 22, 1989, Bethesda Ramada, Bethesda, Maryland

**Well-being of Nonhuman Primates in Research**

A conference organized by SCAW

June 23, 1989, Bethesda Ramada, Bethesda, Maryland

**Effective Animal Care and Use Committees**

A conference organized by SCAW

December 7, 1989, Holiday Inn, Research Triangle Park, North Carolina

**Guidelines for the Well-being of Rodents in Research**

A conference organized by SCAW

December 8, 1989, Holiday Inn, Research Triangle Park, North Carolina

**1990**

**Effective Animal Care and Use Committees**

A conference organized by SCAW and co-sponsored with the University of Southern California, Division of Health Affairs

June 1, 1990, Davidson Conference Center, University of Southern California, Los Angeles, California

### **Agricultural Animals in Research**

A conference organized by SCAW

September 6-7, 1990, Ramada Renaissance, Washington, D.C.

### **The Effect of Current Regulations on Laboratory Animal Welfare**

A conference organized by SCAW and co-sponsored with the Johns Hopkins University School of Medicine

October 29, 1990, Tremont Plaza Hotel, Baltimore, Maryland

## **1991**

### **The Care and Use of Amphibians, Reptiles and Fish in Research**

A conference organized by SCAW and co-sponsored with the Louisiana State University School of Veterinary Medicine

April 8-9, 1991, Double Tree Hotel, New Orleans, Louisiana

### **Selected Issues on the Well-being of Animals Used in Research, Testing and Education**

A conference organized by SCAW

June 2, 1991, Adam's Mark Hotel, Philadelphia, Pennsylvania

### **U.S. Regulations and Canadian Guidelines for Research Animal Welfare**

A workshop organized by SCAW

October 20, 1991, Held at The Society of Research Administrators Annual Meeting, Vancouver, Canada

### **Implementation Strategies for Research Animal Well-being: Compliance with Regulations**

A conference organized by SCAW and co-sponsored with Working for Animals used in Research Drugs and Surgery

December 5-6, 1991, Peabody Court Hotel, Baltimore, Maryland

## **1992**

### **Refinement and Reduction in Animal Testing**

A conference organized by SCAW

September 17-18, 1992, Philadelphia Court Hotel, Philadelphia, Pennsylvania

### **The Human/Animal Research Animal Relationship in the Laboratory**

A workshop organized by SCAW

December 3, 1992, Holiday Inn Crowne Plaza, Rockville, Maryland

## **1993**

### **Rodents and Rabbits: Current Research Issues**

A conference organized by SCAW and co-sponsored with Working for Animals used in Research Drugs and Surgery

May 21, 1993, Hotel Washington, Washington, DC

### **The Care and Use of Agricultural Animals in Research and Teaching Institutions**

A seminar organized by SCAW

July 19, 1993, Held at the American Veterinary Medical Association Annual Meeting, Minneapolis, Minnesota

### **Implementation Strategies for Primate Enrichment**

A workshop sponsored by SCAW

August 1993, Held at the American Society of Primatologists Meeting, Sturbridge, Massachusetts

### **The Human/Research Animal Relationship in the Laboratory**

A seminar sponsored by SCAW

November 16, 1993, Held at the American Association for Laboratory Animal Science National Meeting, Nashville, Tennessee

## **1994**

### **Research Animal Anesthesia, Analgesia and Surgery**

A conference organized by SCAW

May 12-13, 1994, Atlanta Hilton and Towers, Atlanta, Georgia

### **Wildlife Mammals as Research Models: In the Laboratory and Field**

A seminar organized by SCAW

July 12, 1994, Held at the American Veterinary Medical Association Annual Meeting, San Francisco, California

### **The Husbandry and Care of Birds in the Laboratory**

A seminar organized by SCAW

October 20, 1994, Held at the American Association for Laboratory Animal Science National Meeting, Pittsburgh, Pennsylvania

### **Current Issues and New Frontiers in Animal Research**

A conference organized by SCAW and co-sponsored with the University of Texas Health Science Center, San Antonio  
December 8-9, 1994, Holiday Inn Riverwalk, San Antonio, Texas

## **1995**

### **The Well-being of Animals in Zoo and Aquarium Sponsored Research**

A conference organized by SCAW and co-sponsored with the American Veterinary Medical Association

May 8-9, 1995, Doubletree Hotel, New Orleans, Louisiana

### **The Care and Use of Fish, Amphibians and Reptiles in Research**

A conference organized by SCAW and co-sponsored with the Canadian Council on Animal Care

September 28-29, 1995, York Hotel, Toronto

### **Animal Behavior and Laboratory Animal Welfare**

A seminar organized by SCAW and co-sponsored with Lab Animal

October 19, 1995, Held at the American Association of Laboratory Animal Science National Meeting, Baltimore, Maryland

## **1996**

### **Animal Welfare and Toxicology/Safety Studies: Current Issues and Trends for the Next Century**

A conference organized by SCAW

June 10-11, 1996, Hyatt Regency Baltimore Hotel, Baltimore, MD

## **Genetic Engineering and Animal Welfare: Preparing for the 21st Century**

A conference organized by SCAW

September 5-6, 1996, Hotel Sofitel, Rosemont, Illinois

## **Institutional Animal Care and Use Committees: Current Issues and Future Growth**

A conference organized by SCAW and co-sponsored with the University of Texas Health Science Center at San Antonio and the Office for Protection from Research Risks, NIH

December 5-6, 1996, San Antonio, Texas

## **1997**

### **The Human/Research Animal Relationship**

A session organized by SCAW held at Tribranch/AALAS

June 2, 1997, Split Rock Resort, Pennsylvania

### **Performance Standards and Animal Welfare: Definition, Application and Assessment-Part I**

A conference organized by SCAW

June 9, 1997, Baltimore, Maryland

### **Advances in Refinement Techniques for Laboratory Animals**

A seminar organized by SCAW and co-sponsored with Working for Animals used in Research, Drugs and Surgery  
November 17, 1997, Held at the American Association for Laboratory Animal Science National Meeting, Anaheim, California

### **Hot Topics about Research Animal Welfare**

A conference organized by SCAW and co-sponsored with the University of Texas Health Science Center, San Antonio

December 11-12, 1997, Camberly Gunter, San Antonio, Texas

## **1998**

### **Development of the Role of Nonaffiliated and Nonscientist Members of Institutional Animal Care and Use Committees**

A conference organized by SCAW and co-sponsored the Office for Protection from Research Risk at NIH, and The NIH Intramural

Research Program

January 16, 1998, Natcher Conference Center, Bethesda, Maryland

### **Performance Standards-Part II**

A conference organized by SCAW

May 6-7, 1998, Holiday Inn Inner Harbor, Baltimore, Maryland

### **New Developments for Best Care of Nonhuman Primates in Research Settings**

A session organized by SCAW and co-sponsored with Working for Animals used in Research Drugs and Surgery  
October 22, 1998, Held at the American Association for Laboratory Animal Science National Meeting, Cincinnati, Ohio

### **IACUC Responsibility for Research Animal Well-being**

A conference organized by SCAW and co-sponsored with the University of Texas Health Science Center, San Antonio and the Office for Protection from Research Risks at NIH

December 7-8, 1998, Holiday Inn Riverwalk, San Antonio, Texas

## **1999**

### **USDA Oversight of Rats, Mice and Birds**

A meeting organized by SCAW and co-sponsored with ILAR  
February 2, 1999, National Academy of Sciences, Washington, DC

### **USDA Oversight of Rats, Mice and Birds**

Co-sponsored session with ILAR, ARENA and PRIM&R  
March 20, 1999, San Diego Paradise Point Resort, San Diego, California

### **Animal Welfare Issues for Experienced IACUC Members**

A conference organized by SCAW and co-sponsored with the National Capital Area Branch/American Association for Laboratory Animal Science

April 14, 1999, University of Maryland-Shady Grove, Gaithersburg, Maryland

### **Toxicology Testing: Issues and Alternatives**

A session organized by SCAW and co-sponsored with Working for Animals used in Research and Drugs and Surgery  
November 9, 1999, Held at the American Association for Laboratory Animal Science National Meeting, Indianapolis, Indiana

### **IACUCs and Animal Well-being: Responsibilities, Relationships and Training**

A conference organized by SCAW and co-sponsored with the University of Texas Health Science Center, San Antonio and the Office for Protection from Research Risks, NIH

December 6-7, 1999, Menger Hotel, San Antonio, Texas

## **2000**

### **Pain, Distress and Stress in Research Animals: Current Standards and IACUC Responsibility**

A conference organized by SCAW

May 18-19, 2000, Holiday Inn, Baltimore Inner Harbor, Baltimore, Maryland

### **Enrichment for Nonhuman Primates: Different Perspectives**

A session organized by SCAW and co-sponsored with Working for Animals used in Research and Drugs and Surgery and American Society of Primatologists

November 6, 2000, Held at the American Association for Laboratory Animal Science National Meeting, San Diego, California

### **IACUCs and Research Animal Well-being**

A conference sponsored by SCAW and The University of Texas Health Science Center-San Antonio

December 4-5, 2000, Menger Hotel, San Antonio, Texas

## **2001**

### **Contemporary Practices for Research Animal Well-being/ IACUC Responsibilities**

A conference sponsored by SCAW

May 17-18, 2001, Holiday Inn, Baltimore Inner Harbor, Baltimore, Maryland

### **Recognition of Pain and Distress by Animal Care Staff**

A session organized by SCAW and co-sponsored with Working for Animals used in Research and Drugs and Surgery  
October 23, 2001, Held at the American Association for Laboratory Animal Science National Meeting, Baltimore, Maryland

### **Advancing IACUC Education and Research Animal Well-being**

A conference sponsored by SCAW, the Office of Laboratory Animal Welfare, NIH and The University of Texas Health Science Center-San Antonio  
December 10-11, 2001, Menger Hotel, San Antonio, Texas

### **2002**

#### **Best Practices for Animal Pain and Distress in Toxicology Studies**

A seminar organized by SCAW  
March 20, 2002, Held at the Society for Toxicology National Meeting  
Opryland Hotel, Nashville, Tennessee

#### **Improving Research Animal Well-being**

A conference organized by SCAW  
May 16-17, 2002, Holiday Inn Hotel, Baltimore, Maryland

#### **IACUC-Advanced Workshop**

A workshop organized by SCAW  
June 2, 2002, Adams Mark Hotel, Philadelphia, Pennsylvania

#### **IACUC-Advanced Workshop**

A workshop organized by SCAW and sponsored by Working for Animals used in Research and Drugs and Surgery, the Scripps Research Institute and the Office of Laboratory Animal Welfare, NIH  
October 11, 2002, Scripps Research Institute, La Jolla, CA

#### **Challenges in Laboratory Animal Research and IACUC-Responsibility**

A conference sponsored by SCAW, the Office of Laboratory Animal Welfare, NIH, The University of Texas Health Science Center-San Antonio and Tulane University  
December 9-10, 2002, Monteleone Hotel, New Orleans, LA

### **2003**

#### **IACUC-Advanced Workshop**

A workshop organized by SCAW and sponsored by Working for Animals used in Research Drugs and Surgery, the University of South Florida and the Office of Laboratory Animal Welfare, NIH  
March 7, 2003, Adams Mark Hotel, Clearwater, FL

#### **IACUC-Advanced Workshop**

A workshop organized by SCAW and sponsored by Working for Animals used in Research Drugs and Surgery, the University of Minnesota and the Office of Laboratory Animal Welfare, NIH  
June 2, 2003, McNamara Alumni Center, Minneapolis, MN

#### **IACUC-Advanced Workshop**

A workshop organized by SCAW and sponsored by Working for Animals used in Research Drugs and Surgery, the Office of Animal Care and Use, NIH and the Office of Laboratory Animal Welfare, NIH  
October 28, 2003, Natcher Conference Center, Bethesda, MD

#### **Balancing Science and Animal Welfare - The Freedom to Succeed (or Fail)**

A conference sponsored by SCAW, the Office of Laboratory Animal Welfare, NIH/DHHS and The University of Texas Health Science Center-San Antonio  
December 8-9, 2003, Menger Hotel, San Antonio, TX

# Contributors

**Institutional members  
who have been very  
supportive of SCAW and  
our endeavors almost  
since the beginning.**

*1983*

Bristol-Myers Squibb Corporation

*1984*

The Ohio State University

*1985*

The Scripps Research  
Institute

Creighton University  
New Jersey Medical School  
University of Medicine  
and Dentistry/Newark Campus

*1986*

AstraZeneca Pharmaceuticals  
University of Missouri/Columbia  
The Procter & Gamble  
Company  
The University of Texas Medical  
Branch at Galveston  
Boston University/  
Charles River Campus  
Boehringer Ingelheim R&D  
University of California/  
San Diego  
Walter Reed Army Institute  
of Research/  
Navy Medical Research Center

**Individual members who  
have been with us for  
many years.**

Francis Velay  
George Kanoti  
Devera Kleinan  
American Society for  
Pharmacology  
Stanley Liehbert  
Robert Russell  
Alan Krulisch

Jeffrey Lee  
Elimina Sewell Foundation  
Rebecca Dresser  
Thomas Butler  
Sigmund Rich  
Christopher Kaiser  
James Taylor

**SCAW wishes to thank  
everyone who has  
supported us  
over the past  
25 years.**

**THANK YOU!!!**

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## **Corporate and Foundation Donors to SCAW**

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Working for Animals used in  
Research, Drugs and Surgery

Panaphil Foundation

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