

Arizona Branch AALAS Newsletter

Vol. 11 No. 4
October 1998

Arizona Branch of the American Association for Laboratory Animal Science

Let Your Voice Be Heard - Turn In Your Ballots by November 20th!

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Arizona Branch AALAS Newsletter
Arizona Branch AALAS

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Presidents Message

Since my last message, two major events sponsored by the Arizona Branch, AALAS have occurred. First, in July, a time of fun and relaxation was enjoyed by all attenders at the Mormon Lake Lodge. A cowboy dinner was served up with live comical and musical entertainment. The Tucson folks sure enjoyed beating the heat for a few days. A special word of thanks goes to Northern Representative Ashley Walton for all her hard work in organizing this event.

Second, the highly successful Annual Symposium was held in August in Tucson. This year's slate of speakers was highly informative and interesting. A special appreciation goes to Technician Branch Representative Leigh Kleinert who had to juggle a schedule that literally changed daily. The presentations highlighted the tremendous knowledge base and expertise we have right here in Arizona! At the banquet, winners of the Member and Technician of the Year Awards were announced. They were April Kern and Jessie Loganbill, respectively. Congratulations, they were much deserved!

The Arizona Branch was well represented (8 attendees) at the National meeting in Cincinnati last month. There were 3 poster

presentations and 4 oral presentations given. In addition, several Arizona Branch members were active in national committees. This year, our contribution to the silent auction to raise money for the AALAS Foundation was a handcrafted porcelain Navajo baby in a wood and rabbit fur papoose. We were able to raise \$85 for this worthwhile cause.

We now look forward to our next event which will be the annual Christmas Social and installation of new officers in December (see notice elsewhere in this newsletter). Please be sure to vote and I hope to see you all there! - Michael Rand, DVM, President, AZ AALAS

Minutes of the Past Meetings

Minutes of the 9/25/98 Board Meeting

The meeting began at 12:10 p.m. The meeting was held in the conference room of the Central Animal Facility at the University of Arizona in Tucson.

President Michael Rand began the meeting with a summary of the Symposium. The first item discussed was a suggestion from Dr. Rand. He brought up the idea of buying a

gift certificate for those who helped out with the Symposium but were unaffiliated. The rest of the board agreed that although Arizona AALAS is very appreciative of the help it received, many people helped out and they should all receive an equal thank you. Technician Branch Representative Leigh Kleinert pointed out that some people may be offended that individuals received more from AALAS as a thank you than others, regardless of how much work they put in. The board agreed to send out certificates to everyone that helped in order to be fair and show our appreciation. Grace asked for lists from the board of people they know who helped, so no one is missed.

Secretary-Treasurer April Kem handed out a sheet containing revenue and expenses for the Symposium. She explained that some figures were slightly off due to not using all of the supplies or awards for this meeting. Leigh suggested deducting these amounts for a more accurate financial description of the Symposium and the board agreed. Leigh also asked why the per diem rates were so high for the animals used in the rodent lab. The board determined that AALAS was charged 'outsider' rates. The board wondered why we were charged this amount if the animals were under Member Dave Besselsen's protocol number. April volunteered to talk to Mary Durham to determine if the amount was correct.

The next item was certification pins. President-Elect Grace Aranda stated that currently Arizona AALAS provides pins for members that pass their AALAS certification exams. Her question to the board was if Arizona AALAS should also purchase Certification Registry pins, for example rLAT pins. The board agreed that registry pins would need to be purchased by the individual and not the branch.

Grace handed out updated Abstract and Award Nomination forms. The Abstract form contained the changes suggested at the last board meeting which were: a place for e-mail addresses and telephone numbers. Leigh added that although the sentence that requests audio-visual needs was in bold, that maybe it could be made a little larger so that it is not missed. The board agreed and Grace volunteered to make this change. The revised Award Nomination forms contained a place for the nominator to write their comments. The board agreed that the form looked great and no further changes were needed. Grace mentioned that letters to the current winners will be sent out along with a letter to their supervisors.

Grace stated that the Silent Auction item has been sent out. The board thanked Dr. Rand and Southern Board Member Pam Morris for purchasing the beautiful papoose for the branch.

The Installation/Christmas Party was discussed. It will be held preferably on the first weekend of December, however, a place to hold it has yet to be determined. Dr. Rand nominated Dave Besselsen's house and volunteered to ask him. Leigh offered to have it at her house if Dr. Besselsen does not agree to the proposal.

The last item on the agenda was the poster for National. The board agreed to send Newsletters with a copy of Grace's calendar. Dr. Rand stated that he has faxed to National confirmation to do the poster.

The board meeting was adjourned at 12:45 p.m.

Technician Tips from *Tech Talk*

EMLA Cream Eases Punctures

Make it easy on the bunny and the technician. Use a topical

local anesthetic before ear bleeds or injections.

For ear vein or artery puncture in rabbits, apply a small quantity (about 1 ml) of EMLA cream to the site 20 to 30 minutes prior to the puncture. EMLA cream (a combination of prilocaine and lidocaine) is an anesthetic that works through intact skin. The rabbit won't feel the needle puncture, and won't jump or flinch, lessening the chance that the rabbit will get hurt, and increasing your chance of success in inserting the needle into the blood vessel. This is especially nice for people just learning artery or venipuncture.

EMLA cream is made by Astra Pharmaceuticals Products, Inc., Westborough, MA 01581. - Cindy Pekow, DVM V.A. Medical Center, Seattle

Drawing Blood Solo From a Dog

It is not uncommon in our facility that we find ourselves having to draw blood without assistance from newly arrived random-source dogs. Here is a tip that I use to carry out the task with a high degree of success.

I tie the dog up short on the weighing scale to limit its movement. I then have the dog sit. If the dog seems nervous I lay my hand on the shoulder of the leg I am going to draw blood from. I then run my hand slowly down the leg with my fingers behind the leg. When my hand is behind the wrist, I apply gentle pressure so that the dog shifts its weight to the other leg and consequently lifts the leg I am touching. I am usually able then to guide the leg into position to draw blood from the cephalic vein. In fact if the dog lifts its leg on its own it will often hold it up for you. I've had great success with even the most nervous dogs, but the key is to go slow and

don't use force. - Robert Burke, ALAT Canine Area Supervisor, Purdue University

Aggression among Male Mice May Be Reduced by Environmental Enrichment

In some mouse strains, male mice tend to be very aggressive for a period of time shortly after cage changing. Aggression levels are highest within the first 15 - 20 minutes after being placed in a clean cage. A number of factors influence aggression in male mice. Most important is familiarity of olfactory cues. Dominant males are more likely to be aggressive to both strange and familiar animals if surrounded by familiar odors. Visual and tactile cues also play a role. The more familiar the surroundings, the more aggressive the dominant males tend to be.

Based on these findings, N. Ambrose, et al, of University of Birmingham in the UK, sought to study the effects of environmental enrichment objects on the levels of aggression among male BALB/c mice. Ambrose used enrichment aid such as wooden blocks, cardboard nesting boxes and cardboard tubes. As part of his study, Ambrose introduced novel aids to clean cages as well as transferring used aids to clean cages. Ambrose recorded the behavior of mice with video cameras for one hour after cage changing. The tapes were analyzed and a time budget analysis was carried out to measure aggressive behavior. The results showed significant differences in behavior when novel environmental aids were added. Aggression levels of mice that were given novel objects were 60 - 70 % lower than levels in mice given no objects. No significant difference was found when mice were given used objects transferred from the dirty cage to the clean cage. These results corroborated previous findings that

familiar olfactory cues are a factor influencing aggression.

Ambrose also tested the mice to see if they would become habituated to the objects. After several weeks of using the same type of objects, he found a reduction of about 45 - 55% in levels of aggression.

Based on Ambrose's findings, levels of aggression among male mice can be reduced by adding environmental enrichment aids. To reap the maximum benefit, object should be new or thoroughly cleaned and sanitized before reusing. It also would be appropriate to rotate the type of objects used to ensure that the mice do not become habituated.

(NRMB Contact, Fall 1997)

Thrive In Your Job, Don't Just Survive

It's not enough just to "survive" on your job. "Surviving is about staying in place and hoping for the best," said Peter LeBrun, career counselor and president of LeBrun Career Consulting in Chicago.

"Thriving is about continually assessing where you are taking steps to improve your job situation or making a change."

"Survivors often hang on too long," said LeBrun. "Sometimes, surviving is the best you can do. But it definitely will catch up with you." And when it does, you may find that you've wasted a lot of time being unhappy.

LeBrun cites the case of a factory worker, age 28, who worked hard and improved his skills. But he still wasn't promoted. "He said he was frustrated because other people were favored over him," said the counselor. "That could be true, but he finally saw it wasn't the whole picture."

The worker ultimately discovered, by asking, that

management didn't consider him a good candidate for promotion because he appeared to be inflexible, abrupt and not a good listener. He's now working to change these perceptions - successfully.

An attorney, age 32, told LeBrun she hated her job. "For the past three years, she's realized she has other options and is looking into them," he said.

"Thrivers" learn new things about themselves and then take action. It's up to you to be in the job that's the best fit" LeBrun emphasized.

To ascertain whether you're "surviving" or "thriving," consider these questions:

Are you passed over for choice jobs or assignments?

•Have you stopped learning new things in your job?

•Do you frequently dread going to work?

If you've answered yes to any of these questions, LeBrun suggests getting career counseling, talking to people in your company whom you respect and examining your needs.

"You don't have to change jobs or careers right away, but even doing these things differently where you are is a good beginning," LeBrun said.

"Take on more responsibilities, define your values, volunteer for new projects, ask for training, take outside courses."

Thriving, he says, "makes you feel more secure in an insecure world and leads to more money and new opportunities."

(AppAALAS News, March 1998)

TBR Corner

Nothing new to report this issue. If you need to contact me for any information I am at (520)626-4707 or e-mail lbk@u.arizona.edu. - Leigh Kleinert, Technician Branch Representative

Nominee Information

DAVID BESSELSN Nominated for President Elect

EXPERIENCE

Chief of Diagnostic, University of Arizona, 1995 to present
NIH Postdoctoral Fellow, Laboratory Animal Medicine, University of Missouri, 1991-1995
Research Associate, Department of Veterinary Pathology, University of Missouri, 1990-1991
Associate Veterinarian, Snyder Animal Hospital, Jacksonville, FL, 1988-1990

EDUCATION

DVM, Veterinary Medicine, University of Missouri-Columbia, 1988
Residency, Laboratory Animal Medicine, University of Missouri-Columbia, 1991-1994
PhD, Pathobiology, University of Missouri-Columbia, 1995

CERTIFICATION

Diplomate, American College of Laboratory Animal Medicine, 1995-present

MEMBERSHIP

Member, American Association for Laboratory Animal Science, 1990-present
Member, Arizona Branch of AALAS, 1996-present
Moderator, Scientific Program, District 8 Meeting, 1996
Judge, Poster Competition, District 8 Meeting, in Tucson, AZ, May 22, 1996
Member, Mid-Missouri Branch of AALAS, 1990-1995
Board of Directors, 1992-1994
Chair, Scientific Program Committee, Midwest Regional AALAS Meeting, 1994
Moderator, Scientific Program, Midwest Regional AALAS Meeting, 1994
Member, American Association for Laboratory Animal Practitioners, 1991-present
Member, American Society for Microbiology, 1996-present
Member, C.L. Davis Foundation for Veterinary & Comparative Pathology, 1991-present

Donald DeYoung Nominated for President-Elect

EXPERIENCE

Veterinary Surgeon; Head Comparative Medicine Section, University Animal Care, University of Arizona, 1979 to present
Associate Professor and Professor, Section of Veterinary Clinical Sciences, College of Veterinary Medicine, Iowa State University, 1972 to 1979
Assistant Professor, Department of Veterinary Clinical Science, School of Veterinary Medicine, University of Missouri, 1971 to 1972
NIH Special Fellow, College of Veterinary Medicine, Colorado State University, 1967 to 1971
U.S. Army St. lieutenant, Biological Support Division, Armed Forces Radiobiological Research Institute, U.S. Army, 1965 to 1967
Associate Veterinarian, McCormick Pet hospital, Grand Rapids Michigan, 1964 to 1965

EDUCATION

PhD, Colorado State University, Fort Collins, Colorado, 1971
DVM, Michigan State University, 1964
B.S., Michigan State University, 1962
Associate of Science, Grand Rapids Junior College, 1959

Donald DeYoung Nominated for President-Elect (continued)

MEMBERSHIPS

American College of Veterinary Surgeons
National AALAS
Arizona Branch of AALAS
Arizona Veterinary Medical Association
Southern Arizona Veterinary Medical Association
Academy of Surgical Research
Mothers Against Drunk Driving

APRIL KERN Nominated for Secretary/Treasurer

EXPERIENCE

Research Technician, University Animal Care, University of Arizona, January 1996 to present
Volunteer, National Pet Week, made a presentation, May 1996
Instructor, UAC ALAT Training, May 1996
Interview Committee, March 1998

EDUCATION

B.S., Biology, University of Arizona, 1991-1995
Deans Honor Roll, 1992
American Sign Language, 1996
UAC Assistant Laboratory Animal Technician sessions

CERTIFICATION

Biosafety Cabinet Class, 1998
IACUC Certification Classes, 1998
ALAT Certified, 1996
Diagnostic lab training
Research lab training
Lab Safety Training, 1998
Blood Borne Pathogens training
Barrier training class

MEMBERSHIP

National AALAS, 1996 to present
Arizona Branch of AALAS, 1996 to present
Secretary/Treasurer, 1998
Lab Instructor, 1998
Fall Symposium, 1998: Accommodations Committee, Awards Committee, Financial Committee, Registration Committee, Vendor/Sponsor Committee

AWARDS

Member of the Year, Arizona AALAS, 1998

Cecilia Tompkins Nominated for Secretary/Treasurer

EXPERIENCE

Animal Technician Senior, University Animal Care, University of Arizona, September 1998-present
Animal Technician, University Animal Care, University of Arizona, November 1997 to September 1998
Time & Motion Researcher, University Animal Care, University of Arizona, July-November 1997

Cecilia Tompkins Nominated for Secretary/Treasurer (continued)

EDUCATION

B.S., Animal Science, University of Arizona

CERTIFICATION

IACUC Certification Classes, 1998

MEMBERSHIP

Arizona AALAS, 1998

Miguel Diaz Nominated for Southern Representative Board Member

No Information Provided

Paula Johnson Nominated for Southern Representative Board Member

EXPERIENCE

Captain, Veterinary Corp, United States Army Reserves, 4211th US Army Hospital, San Diego, CA 1997 to present

Assistant Veterinary Specialist, University Animal Care, University of Arizona, 1996 to present

Investigator, Southwest Environmental Health Science Center, University of Arizona, 1995 to present

Research Assistant Professor, Pediatrics, University of Arizona, 1994 to present

Research instructor, Pediatrics, University of Arizona, 1993 to 1994

Research Specialist Sr, Pediatrics, University of Arizona, 1990 to 1993

EDUCATION

DVM, Veterinary Medicine, Colorado State University, Ft Collins, CO, 1987

MS, Animal Science, University of Arizona, 1992

Bachelors of Science, Animal Health Science, University of Arizona, 1981

CERTIFICATIONS

Western Veterinary Conference, 1995-1998

Southern Arizona Veterinary Medical Assn, 1997-1998

Veterinary Medical Assn Conference

American Type Culture Collection Workshop

MEMBERSHIPS

Arizona Veterinary Medical Association, 1987 to present

Southern Arizona Veterinary Medical Association, 1987 to present

American Association of Laboratory Animal Science, 1990 to present

Arizona Branch of AALAS, 1991 to present

Southern Arizona Camp Fire Council, 1990 to present

Southern Arizona Science & Engineering Fair, 1991 to present

AVMA West States, Las Vegas NV, 1994

AWARDS

Southern Arizona Camp Fire Council

Paula Johnson Nominated for Southern Representative Board Member (Continued)

Charlotte J Farnsworth Award for Outstanding Service Administration, 1993
Award for Outstanding Service, 1994, 1995, 1996
Arizona Branch of AALAS
Fall Symposium, Outstanding Poster Presentation, 1993, 1994

Leigh Kleinert Nominated for Southern Representative Board Member

EXPERIENCE

Research Specialist Sr/Laboratory Manager, Department of Surgery, University of Arizona, 1991 to present
Research Assistant, Department of Surgery, Thomas Jefferson University, Philadelphia, 1989 to 1991
Research Technician, Cardiology Foundation, Lankenau Hospital, Philadelphia, 1988 to 1989

EDUCATION

Associates Degree in Science, Animal Technology, Harcum Junior College, 1977
Bachelors Degree in Biology, University of Cincinnati, 1975

CERTIFICATIONS

Investigator Training, University of Arizona, October 1991
Certified Veterinary Technician, Pennsylvania, 1979

MEMBERSHIPS

National AALAS, 1990 to present
Arizona AALAS, 1992 to present
 Technician Branch Representative, 1995-1998
 District Eight Convention, 1996: Program Committee
 Arizona Symposium, 1998 :Accomodations Committee, Audiovisual Committee, Awards Committee, Financial Committee, Program Committee, Vendor/Sponsor Committee
 Presented paper, 1992 -1998
Academy of Surgical Research, 1992 to present
 Presented paper, Albuquerque, NM, October 1995
National Society for Histotechnology, 1995 to present
Scientist Center for Animal Welfare, 1994 to present

Melvin Marsh Nominated for Southern Representative Board Member

EXPERIENCE

Animal Technician, University Animal Care, University of Arizona, April 1998 to present
Bioscience Research Tech, USDA, APHIS, PPQ, 1996 to 1997

EDUCATION

Bachelor of Science, Microbiology, University of Arizona, 1996

CERTIFICATIONS

IACUC Training
AALAS Rodent Necropsy Lab, 1998

Melvin Marsh Nominated for Southern Representative Board Member (Continued)

EPA Chemical Handler Certification
Laboratory Safety
Radiation Safety

MEMBERSHIP

Arizona Branch AALAS, 1998

Jose Padilla Nominated for Southern Representative Board Member

No Information Provided

Bob Perrill Nominated for Southern Representative Board Member

EXPERIENCE

Research Specialist Sr, Arizona Research Labs, University of Arizona, September 1998 to present
Research Technician, University Animal Care, University of Arizona, 1993 to September 1998
Biological Consultant, 1985 to 1993

EDUCATION

Bachelors of Science, Biology, Westmar College, 1965

CERTIFICATIONS

IACUC classes

MEMBERSHIPS

Arizona Branch AALAS, 1993 to present
Arizona Sonora Desert Museum

Jane Criswell Nominated for Technician Branch Representative

EXPERIENCE

Supervisor, University Animal Care, University of Arizona, February 1978 to present
Laboratory Animal Technologist II, University Animal Care, May 1977 to February 1978
Laboratory Animal Technologist I, University Animal Care, October 1975 to May 1977
Laboratory Animal Technician III, University Animal Care, September 1974 to October 1975
Laboratory Animal Technician I, University Animal Care, September 1972 to September 1974

EDUCATION

Bachelor of Science, Animal Health Science, University of Arizona, 1972

CERTIFICATIONS

Registered Laboratory Animal Technologist, April 1997
IACUC Certification, 1987
AALAS Certified Lab Animal Technologist, April 1975
AALAS Certified Lab Animal Technician, July 1973

Jane Criswell Nominated for Technician Branch Representative (continued)

MEMBERSHIPS

Arizona Branch of AALAS 1985 to present

Past President, Board Member, 1997

President, 1996

Vice-President, 1995

President, 1991

Board member, 1985-1987

Education Committee, 1995, 1996, 1997

District Eight Convention: Chairman, 1987; Financial Committee, 1987, 1996; Transportation Committee, 1987; Moderator, 1996; Program Committee, 1996, presented paper, 1991 to 1994; Moderator, 1991, 1987

Arizona Branch Symposium: Raffle committee, 1993; Sponsor Committee, 1993; Committee, 1992; Financial Committee, 1992; Registration Committee, 1998, 1992, 1991; Program Committee, 1991, Accomodations Committee, 1998

National AALAS member, 1976 to present

Annual Meeting: Poster assistant, 1979; Moderator Assistant, 1988; Learning Resources Assistant, 1997, 1992; Moderator, 1981, 1980; Speaker, 1990, 1981, 1980

Special Regional Examiner for certification exams, 1978 to 1988

University of Arizona Mentoring Program, 1998, 1997

AWARDS

Arizona AALAS, Member of the Year, 1996

Pam Morris Nominated for ~~Board Member~~ TBR

EXPERIENCE

Laboratory Animal Technician Sr, University Animal Care, University of Arizona, 1997 to present

Laboratory Animal Technician, University Animal Care, University of Arizona, 1996 to 1997

Secretary, Institutional Animal Care & Use Committee, Northern Arizona University, Flagstaff, AZ, 1991-1995

Manager, Northern Arizona University, Animal Care Facility, Flagstaff, AZ 1991-1995

EDUCATION

Bacone College, Muskogee, OK

Willamette University, Salem, OR

CERTIFICATION

AALAS Certified Laboratory Animal Technician, 1992

Oregon State Certified Euthanasia Technician, 1983

IACUC Certification Classes

MEMBERSHIP

National AALAS Member, 1992 to present

Arizona AALAS Member, 1992 to present

Board Member, 1997-1998

Arizona Branch Symposium 1998, Program Committee, Foundation Raffle Subcommittee, 1997-1998

Board Member of the Humane Society of Willamette Valley, Corvallis, OR 1983-1987

Kathy Stollberg Nominated for Technician Branch Representative

EXPERIENCE

Animal Health Technologist, University Animal Care, University of Arizona, November 1990 to present

Kathy Stollberg Nominated for Technician Branch Representative (continued)

Animal Health Technician, University Animal Care, University of Arizona, November 1990 to 1997
Laboratory Animal Technician II, University Animal Care, University of Arizona, September 1990 to November 1990
Laboratory Animal Technician I, University Animal Care, University of Arizona, November 1987 to September 1990
Animal Caretaker, University Animal Care, University of Arizona, October 1987 to November 1987

EDUCATION

Veterinary Technician, Pima Medical Institute
University of Arizona, 1987 to present
Pima Community College, 1990 to present

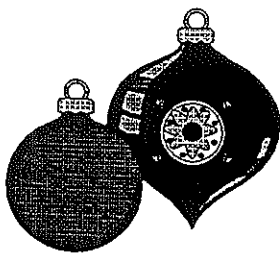
CERTIFICATIONS

Laboratory Animal Technologist, AALAS, 1992
Animal Health Technician, Arizona, 1993
Laboratory Animal Technician AALAS, 1990
Technician Training, 1989
Assistant Technician AALAS, 1988
Veterinary Technician - Pima Medical Institute
Radiation Safety Training
Surgical Research Specialist, 1996

MEMBERSHIP

Arizona Branch of AALAS, 1988 to present
Fall Symposium Committee, 1990, 1991, 1992, 1993, 1995
Secretary/Treasurer, 1993
Technician Branch Representative, 1991
Raffle Committee, 1995, 1996, 1997, 1998

You Are Invited to a Christmas Party



When: Friday, December 4th, 1998
Who: Arizona AALAS Members & their guests
Where: Don & Karen DeYoung's home
575 E. Canyon View Drive, Tucson

The branch will provide food and drinks. We will be installing our new officers so all nominees are encouraged to attend.

R.S.V.P. by 12/2/98 to April (520)626-4622

Arizona Branch of AALAS - 1998 Official Ballot
(Check one person for each office)

President-Elect

_____ David Besselsen

_____ Donald DeYoung

Write in: _____

Secretary/Treasurer

_____ April Kern

Write in: _____

_____ Cecilia Tompkins

Board Member, Southern Representative

_____ Miguel Diaz

_____ Jose Padilla

_____ Paula Johnson

_____ Bob Perrill

_____ Leigh Kleinert

Write in: _____

_____ Mel Marsh

Technician Branch Representative

_____ Jane Criswell

_____ Kath Stollberg-Zagar

_____ Pam Morris

Write in: _____

Please make your selections and return ASAP, ballots must be in by November 20, 1998.

**Fold in half, staple and stamp.
Be sure to get your ballot in by 11/20/98!**

**Arizona AALAS
Elections Committee
University of Arizona
P.O. Box 210101
Tucson, AZ 85721-0101**

Sponsors Page

The Arizona Branch of AALAS would like to thank those vendors who have sponsored the branch through advertising in the Arizona Buyer's Guide. We ask that members patronize their business and show our support of them too!

A. K. Roseberry & Associates
Ardis Roseberry
Phone: (408)773-1952

Allentown Caging & Equipment
Ron Orta
Phone: (800)762-2243

Alternative Design Mfct & Supply, Inc.
Eddie Loyd
Phone: (800)320-2459

Applied Instruments
Shane Sullivan
(619)587-1850

Associated Medical Supply
(800)637-2513

Braintree Scientific Inc.
Kristin Hunt
(781)843-2202

Charles River Laboratories
Deborah Curry
Phone: (800)522-7287

Edstrom Industries
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Phone: (800)558-5913

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K.C. Reese
Phone: (800)793-7287

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Phone: (412)887-8480

LGL Animal Care Products, Inc
Dale Bush
Phone: (409)775-1776

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Phone: (516)627-2454

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Rebecca Dodson
Phone: (800)424-9511

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Phone: (800)328-3352

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Phone: (760)649-9488

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David Kelly
Phone: (800)253-3286

Simonsen Laboratories Inc.
Ardis K. Roseberry
Phone: (408)847-2002

Steris Corporation
Stephen Bob
Phone: (800)444-9009

Suburban Surgical Company
Tim Bartlet
Phone: (800)323-7366

Be sure to look for their ads in the Buyer's Guide!

If want information on our advertising rates in the 1999 Arizona Buyers Guide call Grace at (520)621-1330. Thanks!

1999 ARIZONA BRANCH AALAS MEMBERSHIP APPLICATION

I hereby apply for membership in the Arizona Branch of the American Association for Laboratory Animal Science.

BRANCH DUES (\$5.00) _____ Arizona Branch Newsletter subscription is included

Name _____
Affiliation _____
Address _____
City _____
Phone _____ Fax _____
State _____ Zip _____
Email: _____

Please make check payable to Arizona Branch AALAS and send to: April - Arizona AALAS, University of Arizona, P.O. Box 210101, Tucson, AZ 85721-0101

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University of Arizona
P.O. Box 210101
Tucson, AZ 85721-0101

113010

Address Change Requested

Important Dated Forms Inside