

Arizona Branch AALAS Newsletter

Vol. 13 No. 4
October 2000

Arizona Branch of the American Association for Laboratory Animal Science

Arizona Branch Looking for Tucson Home for Site of Installation Event!

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Upcoming Important Dates

- 10/20/00 - General Meeting
Videoconference with Cindy Sardo from the California Biomedical Research Association speaking on Public Outreach
- 10/20/00 - Award nomination forms due
- 11/24/00 - Board Meeting
- December 2000 - Holiday Event - Installation of New Officers & Branch Awards - TBA

B&K Universal is providing sponsorship not only for the upcoming fall general meeting but also the purchase of a set of the most recent AALAS certification training manuals (ALAT, LAT, and LATg)! Needless to say we are extremely grateful for this generous sponsorship, and hope this is the beginning of many sponsorships to improve the services the branch can offer to members. If you know of any other vendors that might be interested in sponsoring a branch activity, please have them contact either Grace Aranda or myself for a list of potential sponsorships.

This brings me to the next topic – the fall general meeting. Cindy Sardo of the California Association for Biomedical Research will be speaking on “How to Communicate to Others about Working with Research Animals, and How to Dispel the Myths Surrounding Animal Research.” The meeting is scheduled for Friday, October 20, at 11 AM. We sent out flyers at the beginning of the month for the various locations. This is a topic that everyone who works with research animals should attend since we all serve as liaisons for animal research to the public. I know I am frequently asked about my career by new acquaintances and that often leads to a discussion about animals in research. My guess is that most of you encounter similar situations.

Presidents Message

These indeed are exciting times for AZ AALAS! After the initiation of the videoconference capabilities for our branch general meetings and the changing of the symposium to a bi-annual event, your board was faced with a situation of increased expenses and decreased revenues. Definitely not a position we were happy about. Sooooooo, we came up with the idea to offer our vendors the opportunity to sponsor branch events to help correct this situation. We are very happy to announce that our first sponsor in this new initiative is B&K Universal courtesy of Mr. Albert Nutbrown.

Arizona Branch AALAS Newsletter Arizona Branch AALAS

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Here's your chance to learn how to explain to others what animal research is about in a way that is easy for them to understand. Again, this meeting is being sponsored by B&K Universal with additional support from UA University Animal Care and the Southwest Association for Education in Biomedical Research, so please plan to attend the meeting to help show our appreciation for these sponsorships! Refreshments will be provided!

I also mentioned the training manual set being purchased with the B&K Universal sponsorship. These will be purchased at the upcoming National AALAS meeting in San Diego, and shortly thereafter will be available for loan to technicians preparing for a certification examination. Your board is working out the details on how the loan system will operate, but likely there will be a deposit required and a time limitation on the loan to ensure access of these manuals to all members for years to come. If you are interested in borrowing a manual please contact one of the board members.

Finally, the December Meeting is coming up, and that means it's time for nominations for board positions and for the annual Technician and Member of the Year Awards. I have certainly enjoyed serving as a member of the board to try to improve the operation and services of our branch, and encourage any member who is interested to submit a nomination for yourself or someone you think would be interested. All nominees will be contacted before they are put on the ballot to make sure they want to run for the board (kind of sounds like a Taco Bell commercial ;-). The nomination forms for board members/officers were mailed at the beginning of the month with the general meeting notice.

If you were not aware of this, the Technician and Member of the Year Awards are accompanied by an honorarium (see the Top Ten Reasons to be an Arizona AALAS member within this newsletter!). We are also looking for someone to host the December Meeting on December 1, 2, 8, or 9, so if you are interested please let one of the current board members know. As always, if there is anything I can do for you as branch president, please do not hesitate to contact me at (520) 621-1564 or besselsd@u.arizona.edu

Congress Moves to Upset USDA Settlement on Rats, Mice, and Birds

A House-Senate Conference Committee on Oct. 3 added language to the FY 2001 agricultural appropriations bill to prohibit the USDA from changing the regulatory definition of animal under the Animal Welfare Act regulations. The amendment was approved without debate. The Congressional action came just days after the USDA and the Alternatives Research and Development Foundation (ARDF) settled ARDF's lawsuit seeking to force USDA to include rats, mice and birds in the regulatory definition of animal under the Animal Welfare Act regulations. The agreement calls for the USDA to grant ARDF's earlier petition to issue a rulemaking to amend the definition and "to initiate and complete" a rulemaking on changing the definition. A federal court on Friday ruled that it had no authority to stop the settlement and dismissed efforts to block it.

If enacted, the Hill action would prohibit the department from proceeding with the rulemaking. The amendment bars the USDA from spending any federal funds to "issue a notice of proposed rulemaking, to promulgate a proposed rule, or to otherwise change or modify the

definition of 'animal' in existing regulations pursuant to the Animal Welfare Act."

The conference concluded its deliberations on Thursday evening, with final House and Senate consideration scheduled for the next day or so.

AAMC issued the following statement on Friday on the action of the conference committee: "Thanks to the leadership of Sen. Thad Cochran (R-Miss.) and his colleagues, the misguided settlement between the U.S. Department of Agriculture (USDA) and the Alternatives Research & Development Foundation (ARDF), which would have expanded the Animal Welfare Act's definition of animal to include rats, mice, and birds, will not become a reality. Sen. Cochran's amendment to the agriculture appropriations bill successfully overturned last week's USDA agreement with animal rights groups. While Sen. Cochran's fix is only for a year, the legislative remedy eases the immediate pressure and furor within the research community and allows for the identification of a long-term solution that is satisfactory to all parties.

"The USDA settlement was a severe blow to the hopes of patients and their families who look to medical research as their only chance for relief from the ravages of disease. Millions of dollars and uncountable hours would have been diverted from research to a bureaucratic record-keeping activity that in the long run would have provided no benefit to laboratory animals. Sen. Cochran's actions and the research community's swift response to the USDA settlement will allow for continued scientific advancement that ultimately benefits patients and their families."

AAMC and others in the research community vigorously opposed the settlement talks and urged the USDA

to actively oppose the ARDF litigation. Following disclosure of the settlement, AAMC President Jordan Cohen, M.D., issued a s t a t e m e n t <<http://www.aamc.org/newsroom/speeches/usda.htm>> expressing the association's disappointment and promised that, "The AAMC will continue working on behalf of researchers and patients to ensure that vital resources intended to find cures and treatments for human disease are not frittered away on senseless and duplicative bureaucratic hoops that are driven by ideology and not reality."

AAMC sent a letter of thanks (available on the web at <<http://www.aamc.org/research/cochran.htm>>) to Senator Thad Cochran for his successful initiative on this matter. We strongly urge that you and your colleagues consider sending Senator Cochran a note of thanks as well. This issue is likely to return and Senator Cochran's long-term support is essential.

(Extracted from COMPMED listserv 10/6/00)

Harlan Hospitality Suite at the 2000 National AALAS Meeting

Harlan will host a hospitality suite at the National AALAS Meeting in San Diego, California. This year's Harlan Hospitality Suite is being planned for November 5 through November 7. On Sunday, November 5, immediately after the AALAS Opening Reception, the suite will be open from 8:00 p.m. to 1:00 a.m., in the Bayside Pavilion of the San Diego Marriott Hotel and Marina. The suite will be open on Monday, November 6, from 6:00 p.m. to 1:00 a.m. After the President's Reception, Tuesday, November 9, the suite will be open

from 8:30 p.m. to 1:00 a.m.

Harlan is also proud to sponsor the AALAS Foundation Reception again this year on Wednesday, November 8, in San Diego Ballroom C of the San Diego Marriott Hotel and Marina from 6:00 p.m. to 7:00 p.m.

We wish to extend an invitation to each National AALAS Meeting attendee to visit the Harlan Hospitality Suite. Harlan thanks all the attendees for the welcome reception the hospitality suites have received in past years. We hope you will plan to attend the Harlan Hospitality Suite at the 2000 National AALAS Meeting.

Harlan Shuttle XI to Provide Complimentary Transit

All attendees flying into the San Diego International Airport to attend the 2000 National AALAS Meeting in San Diego, California, will once again be greeted by helpful Harlan personnel for transportation to their hotel near the San Diego Convention Center. For the eleventh year, Harlan, will offer complimentary hotel transportation service.

Harlan personnel will be stationed at the terminals at the San Diego International Airport, on Saturday, November 4, and Sunday, November 5, from 9 a.m. to 9 p.m. Harlan hosts and hostesses will guide you toward the Harlan Shuttle registration tables, assist you with your luggage, and then escort you to the nearest Harlan Shuttle van. If your flight arrives outside of the time frames above, please call Dede in the Harlan Marketing Department at (317) 353-8810, extension 242 and we will try to make personal arrangements for you.

We appreciate the support you have given the Harlan Shuttle over the years and are pleased to offer this service again. We look forward to seeing you in San Diego!

June BOT Meeting Summary

The AALAS Board of Trustees met June 2nd and 3rd in Memphis. Here is a summary of the meeting. There were a few issues that generated much discussion, and we'll elaborate on those ones. If you'd like information on other resolutions or agenda items, please call or e-mail: tlawson@dlam.medsch.ucla.edu phone:310-825-3178 Cindy Pekow: cpekow@u.washington.edu phone:206-764-2448. Tim Martin (alternate trustee and he wasn't at the BOT meeting so don't give him a hard time, but do keep him informed) T3Martin@chw.edu or by phone 602-406-4003

AALAS is in decent financial shape with assets of \$4 million. There was an audit which found us tidy and legal but suggested that we revise the investment policy to add a specified amount plus percentage of any year end profit to a reserve fund. This Action Resolution was approved.

Action Resolution: If dues revenue falls to less than 20% of total revenue, then automatically the AALAS executive board will meet to decide if we need an action resolution to increase dues. The rationale is that healthy organizations such as ours have at least 20% of their income from dues. This year we are at 22%. This is NOT an automatic dues increase, just a means to be certain dues are looked at if dues revenue drops. Approved.

Action Resolution: Approved that Charlotte, North Carolina will be the site of the national meeting in the year 2007.

Two organizations were approved as Affiliate organizations: The American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) and the Mexican Association for Laboratory Animal Science (AMCAL).

The listserv IACUC-FORUM was approved, hosted by AALAS. This

provides a forum for IACUC members to have a "safe harbor" to discuss topics of interest related to IACUC issues. The idea is much like COMPMED, only specific to IACUC topics. Institutional members of AALAS will be provided with up to 10 slots on the listserv. Many IACUC members are not AALAS members, and this service may broaden our appeal. The listserv would provide links to IACUC training information and related sites. The archives would be searchable.

Action Resolution: [This is one that provoked LOTS of discussion]. Dr. Dick Simmonds (president elect) proposed a "virtual university". This would be a web-based set of educational resources available to AALAS members (for an annual subscription fee). In addition to having lab animal science specific training available, the site would include a number of already available resources, such as computer program training, safety training--basically over 600 courses. The server for this site would be Thoughtware Technologies, a company in Memphis, close to the national AALAS office. Thoughtware provides the on-line learning for FedEx (with over 125,000 employees) and designs/-produces/manages online learning programs for the employees and sales staff of a number of medical products companies. They appear to be a stable company with good server support, and the demonstration they gave the BOT of their products, and of a prototype web-site for the AALAS on-line learning, was quite impressive. AALAS has an ambitious time-line for getting this project going. There would be a new committee appointed charged with managing the courses, evaluations, and marketing of this venture. The AALAS Executive Committee was very concerned that AALAS get in to

on-line learning now, before some other company stole the show and usurped our area of expertise. They firmly believe we can make this a revenue neutral program, and estimate that the enrollment cost would be about \$275 per person. They note that this is a good deal, as compared to what it costs to enroll a person in a one-day seminar that deals with only one topic. Here are the concerns that Cindy and Tim L. and others raised about this venture: 1. We do not have any courses ready nor is there a specific plan for what AALAS specific courses would be produced. Given the unexpected lag time in getting other projects to our members in the time projected,(for example the training manuals, CD-ROMs, Spanish translations) we are dubious that there will be enough lab animal science specific courses at a level beyond the introductory level (for example, training for IACUC members) ready soon enough to entice people to join. The response: AALAS has had discussions with Nicole Duffee, DVM (winner of last year's Collins Award for advancing education in lab animal science, driving force behind LAWTE) who is willing to devote 2 days per week (in a paid position) to producing course content for the on-line learning. Nicole has a good track record in this area. 2. This project was not initiated by the Professional Development and Coordinating Committee, but instead came thru the Executive Committee. We (the BOT members) were not given time to present the idea to our districts and gain feedback. The response: The chair of the PDCC believes it is a good project, and the Executive Committee felt that time is of the essence in getting this going before we are usurped. 3. The time line is too ambitious (have the prototype ready for showcasing in San Diego in November) and there is not sufficient national office staff to devote to this project. The response:

most of the programming work is contracted to Thoughtware, and since the training manual project and member job survey is just about completed, there will be sufficient staff resources. 4. The working title of the project was "Virtual University". We felt this was over-reaching what we could offer. The word "university" implies accreditation, credentialed faculty, conferring degrees or college credit.

The response: There was agreement to change the name to something less broad, most likely "on-line learning". There are hopes (but nothing arranged) to have links to credentialed institutions that do offer lab animal science degree programs. The outcome: this program was approved. Both Cindy and Tim voted against approval. However, since the BOT voted to go ahead, we will both work to see that the on-line learning venture will be a useful program. There is an initial investment of \$135,000 for the first year projected. Volunteers are needed to serve on the committee that will oversee this program, so please step forward if you're interested in helping!

Action Resolution: the title of Certified Manager Animal Resources (CMAR) would be given for successful candidates in the management certification program. (Approved). The criteria to sit for the management certification program would be a BS degree plus 5 years of lab animal specific experience plus 3 years of lab animal management experience. For the first year after the start of the examination availability, candidates without a BS could apply for the exam IF they have 15 years of lab animal experience with 5 years of this as lab animal management experience. These criteria were approved, with the note that the management certification is NOT intended to be looked on as an extension of LATG, that the

certification should have a high standard so that it can be a factor in job eligibility or promotion and so that it would be attractive to members including veterinarians. Note: we were not given a date when this program will be available.

Other (less contentious) items approved:

- Contract with professional item writers to produce questions for the AALAS exams (ALAT, LAT, LATG, and CMAR) Note that questions are still reviewed by the appropriate AALAS committee.
- BOT mail balloting procedures were approved (for BOT members to conduct business by e-mail when necessary)
- Add the Advisory Council to the list of types of AALAS committees
- Drop the word Advisory from the Editorial Board(s) for CT and Comp Med
- Change the name of the Exhibitor Advisory Committee to Exhibitor Advisory Council
- Change the ad hoc Committee on International Relations to the International Relations Advisory Council
- Approve the position papers on "Health Care for Genetically Altered Animals" and "Improving the Scientific Basis for Regulation of Animal Care and Use".
- Separate the role of committee chair and editor of Tech Talk
- Translate Tech Talk into Spanish
- Rename the Young Investigator Award as the Pravin N. Bhatt Young Investigator Award
- Approve the list of national committee chairs: Awards Selection: Tim Martin or Jim Boardman (if TM moves onto the BOT if a current BOT member moves into another office); Committee on Technician Affairs: Dawn Conover;

Communications Committee Brian Gordon; CompMed Editorial: Steve Barthold; Contemporary Topics Editorial: Steve Pomeroy; Educational Resources: Bruce Kennedy; ILAM: Casey Kilcullen-Steiner; Nominations: DeWayne Walker; Policy and Procedures Coordinating: Linda Zehler; Professional Development Coordinating: Mark Suckow or JoEllen Sherow (if M Suckow elected to office); Tech Talk: Gail Heidbrink, editor Amy Ingraham

- Committee Chair terms will end at the end of the National meeting, instead of at the Joint Meeting in July

Cynthia Pekow, DVM, Call me at (206) 764-2448 or by e-mail at cpekow@u.washington.edu

SwAEBR Corner

Be sure to check out our website:
www.ahsc.arizona.edu/uac/swaeb.html

Speakers Board

SwAEBR, disseminates information to improve the public's understanding of how responsible research has led to significantly improved health care for man and his animal companions.

Education of the general public, our young people and their teachers is of vital importance to the future of science and biomedical research. At all levels of society, the facts concerning the process of medical discovery must be instilled. Without exposure to the truth concerning research, many of our next generation will be deceived into believing that biomedical research is unnecessary.

For more information, call Grace Aranda at: (520)621-3931 you can e-mail: garanda@u.arizona.edu

Top 10 Reasons Why You Should Be a Member of Az AALAS!

10) Great way to meet others in the state with interests in laboratory animal science (good people to know when you have questions or need help!)

9) Access to new AALAS training manuals for ALAT, LAT, and LATg certification exams (coming soon!)

8) Free food and fun at the annual summer fun event

7) Reduced registration fee for spring symposium

6) Spring and fall general meetings now accessible in Flagstaff, Phoenix, and Tucson by videoconference

5) Great Christmas party (watch out for those jello shots!)

4) Quarterly newsletter keeps you abreast of hot topics and the latest branch news

3) Fall general meeting will feature nationally recognized speaker

2) Registration and airfare to District 8 AALAS meeting for technician and member of the

year awardees,

and the #1 reason why you should be an AZAALAS Member

1) All this for only \$5 a year!

So, why not let your friends in on something you already know... how great it is to be a member of the Arizona Branch of AALAS!

And Your Nominees Are...

Below is the information provided by your nominees for office. Please read through the information and vote. Remember you may fax your ballot to (520)621-3355. Be sure to get your ballots in by **11/29/00** in order for it to be counted

Nominated for President-Elect

Paula Johnson: Assistant Veterinary Specialist University Animal Care, University of Arizona

I have a DVM from Colorado State University and an MS from the University of Arizona. I have been a member of Arizona AALAS for approx. 9 years, and a member of National AALAS for the past 4 years. I have attended meetings and functions at both the local, regional, and national level and have made 2 poster presentations at the National AALAS meetings. My current position involves some independent research, animal care responsibilities at the UA and the Southern Arizona VAMC, and Executive Director of SwAEBR. I serve on the SciEnTeK-12 Board of Directors, a group which funds and directs the Southern Arizona

Regional Science and Engineering Fair (SARSEF), of which I also volunteer many hours each spring. I am also a member of the Scientific Review Committee for the International Science and Engineering Fair, which is held every May. I would be pleased to serve as an officer of such a fine organization as AALAS, and would do my best to support its mission.

Roger Van Andel: University Veterinarian; Director, Research Annex; Northern Arizona University

I obtained a DVM from Colorado State University in 1987. After performing an large animal internship, I practiced in Idaho and Oregon until 1992. In 1992, I entered a residency in Laboratory Animal Medicine and Pathology at the University of Missouri, where I obtained a Ph.D. in 1997. I became board certified in Laboratory Animal Medicine in 1997. Prior to coming to Northern Arizona University in May of 2000, I was director of Comparative Medicine and Pathology at Legacy Research, Portland, OR from 1997-2000. I served as president of Oregon AALAS in 1999, during which time we hosted the District 8 AALAS Conference. In addition to managing activities in the NAU vivarium, I provide consultation for private companies and I am establishing a research program to investigate the role of bacteria in atherosclerosis.

Nominated for Secretary

Grace Aranda: Certification Coordinator, University of Arizona, University Animal Care

I have worked for University Animal Care in since 1984. I have been a member of Arizona AALAS and National AALAS since 1986 and have held various offices including

Secretary/Treasurer for Arizona AALAS and moderator of the AALAS Meeting Calendar. I have become involved with other organizations like the Laboratory Animal Welfare Training Exchange and locally with various committees on campus here at the University of Arizona. I have enjoyed being a part of how this organization has grown and changed over the years both as a member and as a part of the board and I hope to continue to be a part of this ongoing process.

April Wagner: Research Specialist, University of Arizona

I received my Bachelor of Science in General Biology with a triple minor in Chemistry, Physics, and Math from the University of Arizona. I have worked in the University Animal Care Department for 41/2 years beginning as a Research Technician and have been promoted to a Research Specialist. My work involves diagnostic assay development for the viruses and bacteria that infect laboratory animals. I am a certified ALAT and served as Secretary/Treasurer in Arizona AALAS during 1998-99. I have been a member of Arizona and National AALAS since 1996 and CFAAR since 1999. I received the AALAS Member of the Year award in 1998. I have attended and presented at local and district meetings and have assisted in several publications.

Nominated for Treasurer

Christy Barber: Animal Technician Senior, University of Arizona, Animal Care

I have worked with all kinds of animals since I can remember. I currently show my Irish Wolfhounds when time and money allow. I have been with Animal Care for 2.5 years,

and would like to become more involved in AALAS.

Miguel Diaz: Animal Technologist, University of Arizona, University Animal Care

I have a BS degree in Biology from the University of Arizona. I have been a member of national AALAS as well as Arizona AALAS since 1995. My current job with Animal Care deals mostly with animal procurement which includes driving duties to pick up and distribute animals as well as animal ordering from animal vendors. This involves the occasional price quoting of animal purchasing for investigators writing up grants or just needing price information. I also have husbandry duties. I enjoy going to all of the AALAS general meetings and try to participate in any other gatherings AALAS has. I have been a member of several committees at Animal Care including the Staff Advisory Committee. Outside of work, I enjoy spending time with my son and participating in softball and soccer leagues and hiking.

Nominated for Southern Board Representative

Casey Kilcullen-Steiner: Manager, University Animal Care, University of Arizona, Tucson, Arizona

I have been with the Animal Care Department since September of 1979 and Manager since 1988. I have a double Master's degree in Agricultural Biochemistry and Nutrition and a B.S. degree in Animal Health Science from the University of Arizona. I have been a National AALAS member since 1986 and currently I am Chair of the ILAM (Institute for Laboratory Animal Management). I was a founding

member of the Arizona Branch of AALAS in 1985. I have been a member of the Laboratory Animal Management Association (LAMA) since 1987 and currently Chair the LAMA Foundation. I have made many animal management related presentations of both papers and posters at local, national and international meetings. Prior to working at the University I worked at the Reid Park Zoo in Tucson, AZ and the Humane Society in Tempe, AZ. In my free time, I groom and show pure bred dogs professionally. I belong to three Irish Wolfhound breed dog clubs and two local all breed dog clubs. I am the show chair of one of the local dog clubs as well as coordinate an intensive two day handling and educational seminar of for the same club.

Leigh Kleinert: Research Specialist Sr., Biomedical Engineering Program, University of Arizona

I am a certified Veterinary Technician. I taught at the University of Pennsylvania Veterinary School in Surgery for 10 years. I also worked in small animal practices and the Humane Society as a Vet Tech. Due to lack of pay in the Veterinary field I decided to use my surgical and animal knowledge in research. I have worked in vascular and cardiovascular research for the last 14 years. I am the lab manager for the Biomedical Engineering Program with Stuart Williams, Ph.D. Along with my full time position at UA I am a full time mom of a teenage (oh help me) girl and a 9 year old boy. I seem to be doing much better in 4th and 8th grade then I did when I was younger, but it is a lot of work. In my free time I am a 4H dog Project leader and my daughter and I show our dogs in AKC shows. I have been a member of AZ AALAS for 10 years and a National member for 14 years. I have served as the TBR and

Southern Representative in the past and hope to serve again.

Andi Mitchell: Husbandry Purchasing Program Coordinator, University of Arizona Animal Care (UAC) Department

I have a B.S. degree in Agriculture from the University of Arizona and have worked for UAC since before graduation. I have been a local AALAS member for approximately 10 years. I currently coordinate all in and outbound lab animal shipments for the University of Arizona, as well as the purchase of all daily operating supplies for the Husbandry Section. I have been involved in purchasing for the department for the past eight years. Prior to that, I was a Lab Animal Technician Sr. working in the barrier facility. I have attended several local AALAS conferences and have been a presenter at two national AALAS meetings. Most of my free time is spent gardening and taking hikes with my kids.

Bob Perrill: Research Specialist Sr., Arizona Research Labs, University of Arizona

My Bachelors of Science degree, with a major in biology and minor in

Make sure you have a voice in how your Arizona Branch is being run. Be sure to return your ballot by 11/29/00 in order for your vote to be counted. You may fax your ballot to (520)621-3355 .

chemistry, has served me well. From veterinary surgery in the Air Force to 2 years of veterinary surgery in animal care at the U of A. From 15 years at the Desert Museum and 8 years more as an independent biological consultant working with endangered species throughout the southwest to 3 years of husbandry here in animal care. I have taken all the IACUC Training Classes, Radiation Safety, Laboratory Safety, and Biosafety Cabinet Classes. I have been a member of AALAS since joining animal care in 1993 and passed the Laboratory Animal Technician and Laboratory Animal Technologist exams in 1995. I am currently a Research Specialist Sr. working for Arizona Research Labs helping to develop a vaccine for Valley Fever. I am a member of the Audubon Society and the Arizona-Sonora Desert Museum.

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!

Allentown Caging & Equipment

Ron Orta
(800)762-2243

Alternative Design Mfct

Eddie Loyd
(800)320-2459

Andersons/Bed-O'Cobs

Ted Weaver
(800)537-3370

A. K. Roseberry & Associates

Ardis Roseberry
(408)773-1952

B & K Universal
Albert Nutbrown

(510)490-3036

Braintree Scientific

Ruth Benvie
(718)843-2202

Canbrands International Ltd

Patti Oakes
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Charles River Laboratories

Marcia Murphy
(800)837-3717

Diane Vallejos
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Edstrom Industries

Skeeter Georgeson
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Robb Kydd
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Harlan Sprague Dawley

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Midwest Research Swine

Dave Theis
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Nuaire, Inc.

Scott Christensen
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Pharmacial Research Labs

Paul Chavez
(800)243-5350

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Lynn Freese
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S & S Farms

Tom Salyer
(760)782-9170

Rees Scientific Corp.

Elizabeth Matt
(949)595-4470

Shepherd Specialty Paper

David Kelly
(616)324-3017

Simonsen Laboratories Inc.

Ardis K. Roseberry
(408)847-2002

Taconic

Sam Phelan
(888)822-6642

Thoren Caging Systems, Inc

Sally Thomas
(570)455-5041

Topaz Technologies

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(512)249-8080

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thinking about placing
your ad in the 2001
Buyer's Guide.**

**For more information
call Grace at
(520)621-3931
or e-mail her at:
garanda@u.arizona.edu**