



Arizona Branch AALAS Newsletter

Vol. 18 No. 1
January 2005

Arizona Branch of the American Association for Laboratory Animal Science

Have you sent in your membership renewal? If not, see form on last page!

2005 will be Full of Events: Starting with Tech Week and Spring Symposium

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Past Presidents Farewell

Dear Members:

It really has been a pleasure serving as your AZAALAS president this year. I learned a lot and got to see another side of the BOD. It truly was a wonderful experience. For any of you that haven't served on the AZAALAS BOD, I would highly recommend trying it out! I would like to thank all of the board members for their time and support. Thanks to them, we had a great year of fun and educational events. I would also like to thank the membership for their participation this year. Events were well attended and we got a lot of feedback. 2005 should be a great year as well with Michael Rand as your president. If you have any questions or comments feel free to contact Michael Rand - (520)626-6705 or (mrand@u.arizona.edu). Thanks for allowing me to serve you this year and if I can be of service, let me know! - April Wagner, Past president

Important Branch Dates

- 1/30-2/5/05 - Intl Tech Week
- 4/22/05 - Spring Symposium in Tucson
- Summer 05 - Summer Fun Event in Phoenix Area

2004 Holiday Installation Event

The Arizona AALAS holiday installation event was held at the home of Dr. Michael Rand on a rainy Dec. 4. Dr. Rand's home was festive and warm to the 22 attendees who braved the rainy Tucson streets. The food was delicious and Dr. Tim Martin provided the entertainment by being the official announcer for the raffle. Dana Jansen was selected as Technician of the Year and Grace Aranda as Member of the Year. The new board members are Dr. Tim Martin, President-elect, Cheryl Johnson, Treasurer and Patsy Coffin as Northern board member. The installation event was a great start to the holiday season.

Arizona Branch AALAS Newsletter Arizona Branch AALAS

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Member Profile

One important aspect of an organization is the opportunity to get to know like minded people. However, we are too often wrapped up in our jobs and seldom have the time to talk with other AzAALAS members. Our membership has a great diversity of backgrounds and special interests. Each issue our regional branch representatives will be submitting member profiles for publication. This will be a way for us to highlight our members and give us a chance to get to know each other better. If you are interested in being profiled, let us know.

Michael Rundell

Mike Rundell has worked in the Animal Care Facility at the Southern Arizona Veterans Administration Health Care System for thirteen years. He has been the only animal care employee for last nine years and has been the Animal Care Supervisor for five years. The Animal Research Facility quietly goes about it's work with constant efforts from Mike. And since he is his only employee, Mike gets four days off each month, whether he needs them or not.

Mike grew up in Iowa with his eight brothers and sisters. From high school, he joined the Marine Corps for three years and received an honorable discharge. He went to work for the railroad, following his childhood dream of becoming a railroad engineer. But a winter of waist deep snow soon changed his mind. He went into construction, moved to Arizona in 1984, and became foreman of a concrete crew on major projects throughout southern Arizona. He was working a construction job at the VA Hospital in 1990, when Jedd Nelson, Administrative Officer of Research and Development at the VA, asked him to apply for the animal care position.

For the past nine years Mike has taken care of all animals , from mice to cattle. He operates the cage washer, the autoclave, and has worked with researchers taking X-rays, running anesthesia, and helping with various procedures. He believes proper care and health of his animals are the most important aspects of his work and he enjoys the personal contact and communication with the veterinarians and researchers. Along with Jedd Nelson, Mike credits Dr. Pat Allen and Dr. Paula Johnson with the most influence on his career.

Mike has been a national AALAS member and an AZ Branch AALAS member for thirteen years. He is on the VA's IACUC committee and participates in quarterly inspections of the animal facility and several laboratories. He is responsible for sprucing up the facility prior to AAALAC accreditation visits. He takes inventory of all research equipment, covers the Research Office phones on occasion, and fulfills many "other duties as assigned." Mike credits his early work experiences for helping with the non-animal parts of the job. He has been employee of the year, employee of the month, and has received numerous contribution awards from the VA system.

Mike has two daughters, a son-in-law, and one grand-daughter living in Tucson. He remembers fondly the time, after bringing his daughters to work, one of them wrote a paper on "Dad's Work." When she read the paper before her class, several students complained about using animals in research and the teacher also questioned her subject matter. But Mike supported his daughter and with his encouragement she stood firm and got a "A" on the paper.

In his spare time, Mike likes to play darts, camp, and hike. He also keeps up with his favorite sports teams - the Minnesota Vikings, Atlanta Braves, Iowa Hawkeyes, and the U of A Wildcats.

Past Meeting Minutes

Minutes of the September 16th Board Meeting

Meeting began at 12:00 p.m. The meeting was held in the conference room of the Central Animal Facility at the University of Arizona in Tucson, Barrow Neurological Institute and W.L. Gore & Associates.

President April Wagner welcomed the board members and thanked everyone for making the time to participate. April asked for approval of the minutes of the July board meeting. Minutes were approved as written.

Treasurer Christy Barber gave the financial update. There is currently \$8,022 in our various accounts. This does not include some \$640 for our printing, postage and office supplies.

Secretary Grace Aranda announced that we currently have 5 new members for a total of 122 paid members and distributed rosters to the board.

Grace distributed the final Buyers Guide sponsor summary. She reported that 30 companies have responded to this year's renewal notice including 5 new ones and a returning 2 from a few years back for a total of \$2130 in Guide sponsorships. Printing cost was

\$340 and postage was \$86 so total revenue came to \$1,663. The board asked how this compared to last year and Grace will find that information and report back for comparison.

April reported the fall video conference on Coping with Animal Loss in the Research Setting was well received with an approximate 29 attending though we did experience some technical difficulties. Northern Board Member Mike Dvorak reported that the 21 in attendance in Flagstaff were disappointed to be unable to make a connection with the video conference and held their own meeting discussing the topic.

Grace reported that our speaker, Dr Rand, has supplied us with his handout and powerpoint presentation which has been loaded on our website. The presentation was video taped and after review will be made available to all member institutions interested in having their own copy. In an attempt to prevent future problems with these connections we will try to make sure they are tested prior to another conference.

April announced that we will be distributing the nomination forms for officers and awards. They will be out by October and due before the end of the month for verification and balloting.

April reported that the date of the Installation/Awards Event will be Saturday, December 4 at President-Elect Michael Rands' home in Tucson. She will see about getting a map made and it will be distributed to all members. The Louise Brooks Memorial Raffle will be held at the event. Tickets have been mailed to all members along with a copy of the sponsor letter so that members can ask their favorite establishments for donations. A copy of their regional raffle poster was included as well. The website has been updated to include 3 regional raffle pages on which each regions donations will be displayed as received.

The next issue of the newsletter is in need of material. Scott Cannon was suggested for the member profile since he was the District 8 Lab Products award winner. Southern board member Bob Perrill will contact Scott with the profile form. Information on the Governors Proclamation of October 21 as Biomedical Research Day should be included. SwAEBR worked to get the proclamation and will get information out to member institutions as it becomes available. The due date for newsletter submissions is Sept 30.

April stated that the branch donation to the AALAS foundation of a basket full of Arizona items has been purchased and mailed off to national.

Grace reported that the Bashas' Thanks-a-Million Program has started again and though the number for the branch remains the same you still need to have your cashier program in the AALAS group number 23406. Grace has posted a webpage on the website with all the necessary information.

Grace reported that we had 30 participate in the summer fun event at the Mt Lemmon Cafe. Everyone found the speaker, Josh Taiz, to be interesting and educational. Although there was some misunderstanding with the menu it was resolved and everyone was pleased with the event.

April announced that we did not have any branch members able to attend the AALAS Leadership Academy this year. Each branch is asked to submit a person or two to attend on the weekend before the national meeting. It is a one and a half day informational workshop on the aalas organization and explains how to get more involved. Due to the extra cost of the early arrival it was suggested the issue be brought up at national as a problem and April will do so at the branch presidents meeting.

Christy mentioned that some members have seen a poster about the benefits of joining AALAS and that some monetary discrepancy listed has caused some morale problems. The poster was put out by a member of the Lab Animal Welfare Training Exchange, LAWTE, not Arizona AALAS, and the numbers listed is a national average rather than definitive state amounts.

National will once again have branch boxes in the vendor area in Tampa. These boxes are to hold branch information or newsletters about the branch for others to pick up. Last year we had a poster of branch activities. Grace will update it and forward it to the board for approval for this year. We will include a copy of the AALAS meeting calendar on the back of the poster. Our branch calendar has been given national notice in two recent publications: Tech Talk and Contemporary Topics. [TBR Jane Criswell suggested we include

TBR Corner

Arizona AALAS has study manuals for the Assistant (ALAT), Technician (LAT) and Technologist (LATG) exams. Become a member today for only \$10.00 and check out a manual to start studying. As your TBR representative I have old tests and study materials to assist you in preparation for the exams. I also have available some Trivial Pursuit questions that will be good to test your knowledge. Please feel free to contact me by e-mail at criswell@u.arizona.edu or call (520-626-0490) if you need help. I would be very happy to assist you. National AALAS has a website to help you also www.aalas.org

copies of our branch brochure in the Arizona branch box.]

The meeting was adjourned at 12:42 p.m.

Minutes of the November 18th Board Meeting

Meeting began at 12:00 p.m. The meeting was held in the conference room of the Central Animal Facility at the University of Arizona in Tucson, Barrow Neurological Institute and Arizona State University.

President April Wagner welcomed the board members and thanked everyone for making the time to participate. April asked for approval of the minutes of the September board meeting. Minutes were approved as written.

As Treasurer Christy Barber has gone off on maternity leave, Secretary Grace Aranda gave the financial update. There is currently \$7,430 in our various accounts. This does not include some \$259 for conference calls, financial software, printing, postage and supplies. Past President Tim Martin suggested that in light of the

Many thanks to those companies who made our 2004 Louise Brooks Memorial Raffle benefitting the Arizona Cancer Center's Child Life Activity Center, Arizona Special Olympics and Northland Hospice a success!

Please show your support for them by thinking of them first when making a purchase!

Arizona Aerospace Foundation
 Arizona Sonora Desert Museum
 Arcadia Ice Arena
 Arizona Theater Co
 Arrowhead Towne Center
 The Bamboo Club
 Bed Bath & Beyond
 Beyond Bread Café
 Blackjack Pizza
 Broadway Palm West Theater
 Brooklyn Pizza Co
 Charles River Labs
 Clarion Hotel Randolph Park

The Deer Farm
 Edstrom
 Eege's
 Enchanted Island Park
 Fiddlesticks
 Funtastiks Fun Park
 Golf N Stuff
 Harlan Teklad
 Hollywood Video
 Holiday Inn Flagstaff
 Homestead Studio Suites
 Magpies Pizza
 Mesa Southwest Museum

Nuaire
 Pizza Hut
 Philabaum Glass Gallery
 Phoenix Art Museum
 Phoenix Zoo
 Ramada Foothills Inn
 Reid Park Zoo
 Residence Inn by Marriott
 ResearchSupply.com
 Sheraton Four Points Hotel
 Stein Mart
 Steris
 WR2

fact that our checking account does not provide interest, we should transfer \$2000 to our money market account. Grace will take care of making the transfer.

Secretary Grace Aranda announced that we currently have 3 new members for a total of 126 paid members and distributed rosters to the board.

April reported that the ballots have been completed, printed and mailed. They are due back by November 30. Grace will send out reminders to the listserve. April and TBR Jane Criswell will do the counting after that time. April will announce the new board at the Installation event on December 4th.

President Elect Michael Rand will be hosting the Installation event on Saturday, December 4th at his home in Tucson. Fliers requesting RSVP with a map were included with the ballot mailing. The branch will once again be purchasing deli trays, salads and sodas for the event. Attendees were asked to bring a dessert. Grace will send out reminders for folks to RSVP for a head count.

April reminded everyone that our next newsletter will be in January. We will announce the

award winners, new board, need a presidents farewell and welcome. Jane has found some articles of interest including the Chinchilla one that ASU had printed in the Tech Talk publication. Any other ideas should be submitted to Grace by January 15.

The Louise Brooks Memorial Raffle will be held at the installation event. Tickets have been mailed to all members along with a copy of the sponsor letter so that members can ask their favorite establishments for donations. Tickets are due by December 2 or can be brought to the event. A copy of the current list of prizes was included on the back of the installation event flier. Grace has continued to update the website as donations have been received though she reports this has slowed down now. Past president Tim Martin has agreed to act as our MC for the raffle and will be using our new raffle drum.

Jane has been reviewing our Certification pages on the web and making updates as necessary. We have not had many requests for training materials but it is suggested that we should update our materials and website with the addition of teachers workbooks and the new

flash cards. We will be offering to be the conduit for prepaid personal certification material purchases at the national member rate to AZAALAS members in good standing as an incentive for branch membership. Regional reps are encouraged to connect members with the TBR for more information. Suggestions for updating the certification web pages should be sent to Grace.

April reported that International Tech Week will be January 30-February 5, 2005. The branch will once again be offering to reimburse each institution for up to \$25 for refreshments. We have collected numbers for tech week pins and Grace will be placing that order with the certification materials at the end of the month. We will be offering to do the Certificates of Appreciation again. Board members are encouraged to get the word out to visit the Tech Week web page for the certificate request form.

The branch is in the process of planning our Spring Symposium for April 2005. As seen in the Board Listserve Grace has been in touch with Dr Sally Walshaw from Canada. Dr Walshaw has been doing a Bereavement and

Sensitivity for Lab Animal Professionals workshop for the Massachusetts Society for Medical Research in the past and is willing to come out to AZ and do a compressed 4 hour version for us as AZAALAS members have shown an interest. She doesn't have a speakers fee but there is the cost of air fare, room, and meals so we are looking to partner with SwAEBR and CBRA for sponsors. Since this has not been offered on the west coast Grace will email the D8 Leadership for some insight on interest of other branch members to attend. Since D8 is in late May we will look to early April for our date. Another possible Keynote or Banquet speaker is the Pet Detective who contacted us to speak for a minimal fee since she has family in the area.

As the conference speaker unit seems to becoming a problem the board agreed we should purchase our own replacement unit. Grace will look into this.

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

Lab Products D8 Technician Travel Award



Lab Products Inc. would like to again congratulate Mr. Scott Cannon-Blachere for being the 1st winner of the Lab Products Technician Travel Award for District 8. Scott was professionally involved with the care and humane treatment of animals for ten years. He came to the University of Arizona, Animal Care Department in the fall of 1999. His initial assignment was in the cage wash area. He promptly learned his new duties and saw ways in which the processes could be made more efficient and safer. By

the year 2000 Scott had been promoted to the level of Animal Care Technician. After working in the animal rooms for only a short time he was given the task of helping to train other employees new to the animal rooms. In May of 2000 Scott moved into a job to help carry out the quality assurance program for the laboratory animal facilities. He monitors all the cage washers, autoclaves, water and environmental systems, pest control programs and rodent sentinel programs.

The Lab Products Technician Award will be offered again this year, one for each district. I would like to encourage every facility to nominate someone. The applications for this year will be ready in the coming months.

Job Analysis Survey

Would you like to tell AALAS about the job you do in the laboratory animal field as an AALAS-certified technician, technologist, or manager? Your input will help AALAS to provide continuing education and professional development services for research personnel like yourself. So here's your chance! In February 2005, AALAS will administer a job analysis survey for the four AALAS certification programs: Assistant Laboratory Animal Technician (ALAT), Laboratory Animal Technician (LAT), Laboratory Animal Technologist (LATG), and Certified Manager of Animal Resources (CMAR). The survey will ask the participants to identify the tasks performed and knowledge required for their job. This survey will provide a wealth of information that will be used to enhance educational resources and certification exams over the next five years.

Planning for this survey started in summer 2004 with Thomson Prometric (formerly the Chauncey Group, Int'l), who will develop, administer, and analyze the survey. Over the fall, 45 AALAS volunteers from various types of facilities all over the country participated in either a conference call or a 2-day meeting to compile the job tasks and knowledge for each

certification level, and this effort has led to the development of the questions used in the survey.

The survey will be distributed to AALAS-certified techs/technologists, supervisors, and managers. Please be ready to respond to this survey when you receive the invitation to participate in early February. If you are a facility director, please make arrangements for your staff to take the online survey perhaps by making a computer available to all staff for a period of time. Facility directors will be contacted by AALAS in January with information about the survey and a request for supporting their staff in taking the survey.

Some of us remember the job analysis survey in 2000 and might wonder what will be different in this survey? Well, what's new is that this will be a Web-based survey as opposed to the pencil-and-paper form mailed out in 2000. This approach will realize a great cost savings for the membership and will offer advantages in a more efficient means of delivering questions geared toward ALATs, LATs, LATGs, and CMARs. The electronic handling of the survey gives another important benefit by allowing all eligible individuals to participate in the survey instead of a limited sample as was the case when paper surveys were mailed out in 2000. Cost savings in postage will also be realized by sending emails to AALAS-certified technicians, technologists, and managers with information on how and when to take the survey online. Anyone without an email address will be sent a letter with the same information.

What happens after the job analysis survey? The AALAS certification and education committees will assimilate the information gleaned from the survey to update each AALAS certification program and corresponding educational resources. This will again involve the efforts of many people—volunteers, and staff.

The job analysis survey will help ensure the continuing quality of the AALAS certification programs.

Please do your part in this important effort and complete the survey!

When can I take the AALAS Job Analysis Survey? The survey will be launched in February 2005. Please look for announcements around that time.

How will I receive information about the survey? By email or by letter (if AALAS does not have your email address). Instructions for taking the survey will also be on the AALAS website and published in the February issue of AALAS in Action.

How will the survey be delivered? The survey will be delivered over the Internet. A web site address will be included in the survey information distributed to all participants.

Who should take this survey? AALAS-certified technicians and technologists, and laboratory animal resource managers/administrators/directors (whether or not CMAR-certified).

The web page on the Job Analysis Survey (JAS) is now available. There is a link on the AALAS home page (at the top).

Registry Now Free Member Benefit, Available to Nonmembers

There is exciting news for all AALAS technicians and technologists due to recent changes in the Technician Certification Registry. On July 18, the AALAS Board of Trustees approved the following changes. The Technician Certification Registry is now a free member benefit; and Nonmembers of AALAS can now participate by including a \$40 nonmember processing fee along with their CEU submission form.

Based on these changes, all individuals who obtain AALAS certification at any level will be automatically entered into the Registry free for a two-year period. At the end of this period, those who wish to maintain their status in the Registry (and the "R" credential) will need to meet the requirements set forth by the AALAS Certification

and Registry Board (CRB). Prior to the Registry expiration date, all participants will receive information from AALAS on how to renew their status in the Registry.

If you wish to join the Registry and are already certified, then just submit a CEU submission form documenting your required CEUs (10 for the ALAT level, 14 for the LAT level, and 24 for the LATG level) from the last two years. If you are not currently an AALAS member, then include the \$40 non-member Registry fee with your CEU submission form. It is as simple as that!

By broadening the participation in the Registry, AALAS hopes to encourage more technicians and technologists to be knowledgeable of the latest advances and techniques in the lab animal field, thus enabling them to perform their duties in the best interest of the animals and the research field. All of those certified at any level with AALAS—members and nonmembers alike—are encouraged to take advantage of this wonderful opportunity to participate in the AALAS Technician Certification Registry Program.

New Study Aid Now Available

AALAS in a Flash, the study aid with short answer and true/false questions in a fun, flash card format, has been released. This aid is designed for review and reinforcement of the material learned from the AALAS training manuals. The questions on one side are based on the *ALAT Training Manual*, and the questions on the other side are based on the *LAT Training Manual* and *LATG Training Manual*. The flash cards are printed on 2-1/2 x 7" sturdy card stock that is bound together with a post to ensure the cards remains intact. The cards can be used by an individual for self-review or in a group of co-workers in several different fun ways such as our version of Tic-Tac-Toe or Mastermind. AALAS in a Flash is only \$15 for AALAS members and \$22 for nonmembers. Order your copy today by clicking on the Bookstore link at www.aalas.org. For

information on AALAS certification, send an e-mail to certification@aalas.org.

(AALAS in Action, 10/04)

Bashas Thanks A Million Program

The Bashas' fundraising program will run from September 13-March 31, 2005. **Arizona AALAS' Group Number is 23406**; SwAEBRs' number is 23408; and SARSEFs' is 23413. We have signed up and will benefit by encouraging our friends and neighbors to link us to their Bashas' Thank You Card. If you signed up last year you do need to re-link your card.

How the program works:

Each group choosing to participate is assigned a 5-digit group identification number. Bashas' customers link the group ID number to their Thank You Card and a portion of every Thank You Card purchase is donated to that group. Bashas' will donate one percent of the total sales linked to each group's ID number, up to a \$2,500 donation. Active charities must earn a minimum of \$2,500 in total sales to earn the 1% donation.

How do I start shopping for a group? Once you have a 5-digit number for a group that you would like to shop for, take it with you to Bashas' the next time you go shopping. You can have it written down on a piece of paper, in a newsletter, etc. The cashier will punch it in and it will be printed on your receipt to confirm you have signed up. It's as easy as that. Every time you shop at Bashas' a portion of your total sales will be donated to the group linked to your Thank You Card.

How many groups can I shop for? You can shop for up to 3 groups during the program. Once you sign up for 3 groups, you cannot delete those groups or add any other groups during the program. If you link more than one group your donation will be equally divide among your chosen groups.

How do I know that I'm shopping for my group if I don't give the number every time I shop? The first time you shop for your group, the group name should show up on your receipt. It will look like an item with a \$0.00 amount. After that one time link, your Thank Your Card purchases are calculated automatically for that group by using Bashas' Thank You Card.

Last year we received a check for \$25 and with your help this year we can get even more. Sign up today!

Announcing the 2003 Essay Contest — Due March 24

The Southwest Association for Education in Biomedical Research (SwAEBR) sponsors an essay contest each year for high school students. Winners in the Tucson and Phoenix metropolitan areas receive a paid summer internship, which could range from 6 to 10 weeks, dependent on student and institution schedules, working in a research lab in one of the following institutions: Arizona State University, Barrow Neurological Institute at St. Joseph's Hospital, Harrington Arthritis Research Center, Mayo Clinic - Scottsdale, Northern Arizona University, Sun Health Research Institute, or The University of Arizona. Winners from other high schools in the state who may be unable to work in the metropolitan areas receive a cash award of \$150.

The purpose of this contest is to help identify and recognize students who can demonstrate superior understanding of the scientific process used in research, the importance of the use of animals in the medical and biological sciences, and who can artfully communicate that understanding in writing. All entries are judged on the basis of scientific accuracy, logic, originality, creativity, command of the English language and an understanding of the scientific process and the importance of use of animals in research.

Essay Winners receive PAID Summer Internships!

It is easy ... just write an essay (750 words or less) on:

"How Has Biomedical Research Using Animals Benefited a Pet, You, or Someone You Know?"

See the web site for more Information & Rules (www.swaebr.org and follow the essay link)

****Deadline: March 21, 2005****

SwAEBR was formed with the specific mission of developing and implementing a program to assist teachers in educating school children. SwAEBR provides educational resources for schools and the general public; regarding the vital role biomedical research plays in our everyday lives. The Association also disseminates information outlining how responsible and humane animal research has led to significantly improved health care for humans as well as their animal companions.

For Essay or Any Other Questions

Contact: swaebr@ahsc.arizona.edu
Ms. Grace Aranda 520-621-3931 or
Dr. Paula Johnson 520-621-3483

Tell me more about SwAEBR

Membership is open to any organization which supports the purposes of SwAEBR, and is involved in at least one of the following endeavors: 1) the conduct of biomedical research, education or testing; 2) the conduct of other scientific research or education, or 3) the promotion of human or animal health. Institutions may be admitted to the Association by a vote of a majority of the board of directors and upon payment of the financial contribution as established by the board of directors. Each member institution is allowed one official representative and one vote.

Friends of SwAEBR:

Individuals may support SwAEBR through honorary membership known as Friends of SwAEBR. Friends are

not required to pay dues or entitled to vote, but may make contributions and do have access to all services and programs sponsored by SwAEBR.

How Can You Help?

Provide financial support - For general support, production of educational resources and sponsorship of the summer research internship program.

- \$25 helps sponsor educational materials for the classroom
- \$50 sponsors a game for a class of students
- \$100 thanks teachers for getting their students involved in the essay contest
- \$250 helps pay for videos to be used by in classrooms
- \$500 sponsors awards for one of the regional science fairs
- \$1200 sponsors a student in the summer internship program

How Will Your Company Benefit?

-Your website will be linked through our actively viewed webpage

- Satisfaction of contributing to the education of promoting an environment in which science and responsible research can flourish.

- Through sponsoring the essay contest winners, your company directly affects the workforce of tomorrow by enhancing their interest in science and technology.

For more information go to www.swaebr.org or call (520)621-3931

ABSTRACT FORM

Arizona AALAS Spring Symposium - April 22, 2005
Tucson, Arizona

Authors: _____

(Circle presenting author)

Institutional Affiliation: _____

Title: _____ Dept: _____

Phone: _____ Fax: _____

Email: _____

Title: 3 lines

Abstract Body:
(Double space)

Audiovisual Requirement:

- LCD Projector
- Powerpoint presentation
- Bringing own laptop
- Overhead projector
- 35 mm slide Two
- VHS monitor display
- _____
- _____
- _____

Time Needed:

15 min _____ or 30 min _____

CHECK THE CATEGORY THAT APPLIES TO YOUR PRESENTATION

- Scientific Technical Clinical What's Your Diagnosis? Management Other _____

Has this study been reviewed and approved by your IACUC? Yes No N/A

Preferred Format Selection: Oral Presentation Poster Session I will not accept an alternate format

Sponsors Page

The AZAALAS would like to thank our vendors who have sponsored the Arizona branch through advertising in the 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
(479)524-4343

Ancare
Mitchell Kanarek
(800)645-6379

Aquatic Habitats
Catherine Kashius
(407)886-7575

BioBubble
Larry Werth
(970)224-4262

Bio Medic Data Systems

Diana Kelsey
(619)470-0856

Bio-Serv
Marie Pinckney
(800)996-9908

Braintree Scientific

Ruth Benvie
(781)843-2202

Charles River Laboratories

Marcia Murphy
(877)274-8371

Edstrom Industries

Skeeter Georgeson
(262)534-5181

Getinge Castle

Frank McFadden
(760)518-9198

Harlan
K.C. Reese
(800)972-4362

Lab Diet
Lynn Freese
(919)598-9998

Lab Equipment Company

Harj Sangha
(800)303-4040

Lenderking Caging

Michael Semenuk
(410)544-8795

Lithgow Lab Services

Robert Drye
(702)413-0832

Lomir Inc
Teresa Price
(877)425-3604

Marshall Farms

Andy Smith
(315)587-2295

Myrtle's Rabbitry Inc.

Rebecca Dodson
(800)424-9511

Nuaire Inc
Chris Conrad
(494)376-8218

Pharmcal Research Labs

Paul Chavez
(800)243-5350

Simonsen Laboratories Inc

Ardis K. Roseberry
(408)847-2002

Steris Corporation

Stacey Betts
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