



# Arizona Branch AALAS Newsletter

Vol. 17 No.3  
July 2004

Arizona Branch of the American Association for Laboratory Animal Science

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

## District Wildlife Biologist Josh Taiz to Speak at Summer Fun Event Up on Mt Lemmon

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### Presidents Welcome Message

Dear Members:

Well, it is summer time again and most of us are beginning to feel the heat! So, due to the majority of the votes accrued from the membership, we are planning a trip to Mount Lemmon to cool off! We are currently looking into speakers who could talk to us about The Effect of Forest Fires on Wildlife. Lunch will be served at the Mount Lemmon Café including their famous pie!

We are planning this for July and we will let you know as soon as we have a date set for the event. We are also still planning the fall teleconference with Dr. Kathy Smiler on Dealing with Animal Loss in Research Setting.

There is also exciting news regarding our charity raffle that we run once a year. We have designated two new charities in northern and central Arizona to receive part of the raffle proceeds – Northland Hospice in Northern Arizona and Arizona Special Olympics in Central Arizona. If you would like more info on these charities, please see the AZ AALAS website at: <http://www.azaalas.org/>.

Once again I would like to thank you for your support of AZ AALAS and if you have any questions or comments or if you are interested in volunteering, please contact me. Thanks! April Wagner - (520)626-0490 or ([awagner@u.arizona.edu](mailto:awagner@u.arizona.edu))

### Upcoming Meeting Dates

7/24/04 - Summer Fun Event - Mt  
Lemmon Lunch with Speaker  
Fall Video Conference - TBA  
12/4/04 - Holiday Installation  
Event - Tucson

### Summer Fun Event is Set - Join Us 7/24/04 for Lunch & Speaker on Mt Lemmon

Joshua Taiz, a Tucson native, is the District Wildlife Biologist in the Santa Catalina Ranger District located at Sabino Canyon. He graduated from the UofA in Ecology and Evolutionary Biology. He was a biological consultant for seven years, surveying for and working with rare plants, spotted owls and other birds, and various mammals including the Mount Graham Red Squirrel. He has been with the Forest Service for ten years during which he has continued to work with owls, and with range and timber lands. Josh is imminently qualified to talk about the Aspen Fire and its effects on the Catalina Mountains, the forest in general, and wildlife in particular. To register see the form in this newsletter or check out the website [www.azaalas.org](http://www.azaalas.org) **Registration must be received by 7/20/04.** Questions? Email [azaalas@ahsc.arizona.edu](mailto:azaalas@ahsc.arizona.edu)

### Arizona Branch AALAS Newsletter

Arizona Branch AALAS

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### Member Profile

Introducing our new Member Profile Section! 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. Interested in being profiled, let us know.

#### **Sandra Schenone**, Supervising Animal Technologist - ASU Animal Care

Sandra was born July 26 in Northern California. She has a BA in Anthropology from California State University Sacramento and moved to Arizona in 1998. She began working for ASU on July 1998. Before that she worked in exotic rehabilitation and entertainment with domestic & exotic animals at the Sacramento Zoo (3 yrs), the Primate Foundation of AZ (3 yrs), and the Las Vegas Zoo (1 yr). Growing up she wanted to teach and train horses, though she ended up in this field because as she learned more, her interests changed. Sandra has been an Arizona Branch and National AALAS member for 5 years. She is a AALAS certificated RLATg. She is most interested in humane care and enrichment and has a dog, two cats, a snake, and 4 chickens. She likes gardening and camping, and would encourage others to further their careers through continuing education.

### Past Meeting Minutes

#### **Minutes of the March Board Meeting**

Meeting began at 12:07 p.m. The meeting was held in the conference room of the Central Animal Facility at the University of Arizona in Tucson. The conference call was activated and will remain open in case the others call in late.

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 January board meeting. Minutes were approved as written.

Secretary Grace Aranda gave a financial update for Treasurer Christy Barber who had a family emergency. There is currently \$6,172 in our various accounts. This does not include some \$825 in outstanding items including: Tech cash award and the Childlife Raffle Donation. There may be some other miscellaneous deposits and checks that I am not aware of but

we will get an update from Christy when she returns.

Grace announced that we currently have 103 paid members and distributed rosters to the board. Board members were encouraged to review the list for local discrepancies and contact any that might join or provide contact information to Grace by the first week in April so she may contact them.

Grace distributed a list of advertisers in last years Buyers Guide. She reported that 5 companies have responded to this year's renewal notice including 1 new one. The due date for renewal is the end of April and a reminder has gone out via email. Grace will mail out paper reminders to all vendors in early April. The board is encouraged to review the list of companies to see that those they deal with regularly are included. If your companies arent listed let Grace know and provide contact information by the first week in April so she may contact them.

Grace reported that we distributed posters, tech week pins, Certificates of Appreciation, and

calendar stickers to all institutions who requested them for National Tech Week on Feb 1-8th. The Tucson region had their event on the 4<sup>th</sup> from 12-1 with cake and soda. We will get an update on events from ASU, BNI and WL Gore from our board representatives and include them in the next newsletter.

Plans for the Spring Video Conference are still in the works. Tim was to contact Kathy Smiler about presenting a talk on Dealing with Animal Loss which had been suggested by folks from Mayo Clinic Scottsdale. This was seen as a good way to get them involved with AZAALAS again. We expect to hear from Tim of possible dates soon and will coordinate with Biomedical Communications for available video conference dates.

Grace and Dr Rand researched the choices for this year's summer fun event. Suggestions of Mt Lemmon picnic, a trip to Kartchner Caverns or Kitt Peak Observatory were made at the last meeting. From the distributed report the Kartchner Cavern options are pretty expensive per person. Mt Lemmon is a cheaper option but would

### ODE TO MY LAB TECH

Although my life might not be long  
(My future looks quite bleak)  
I'm grateful for the care you give me  
Every day and every week

You clean my cage and feed me  
And make sure I have water, too  
You sweep and mop the floor  
You even clean up my poo

You trim my beak, my teeth & nails,  
My whiskers, hooves or hair  
Misting, hose or dust baths  
All show me that you care

You give me toys and extra treats  
You let me watch TV  
Sometimes (when I'm very good?)  
You bring a mate for me!

You're mindful of the protocol  
And make sure I'm treated well  
If you see that I'm abused  
The IACUC you'll tell

And so to you, dear Lab Tech  
I give thanks and proclaim:  
"If not for you and all you do  
My life could be in vain"

C. Benton, February 2004

probably require fees for going up the mountain and someone willing to reserve a spot early if reservations aren't possible. Grace

has looked into getting a speaker from Fish and Wildlife or the Forestry Service on the effects of last year's fires on wildlife. A speaker is possible depending on availability and the fire season. Kitt Peak is a possibility and a less expensive option as well. It was suggested that we can look into pricing and possibility of a private tour. April stated that there are

picnic areas close for potlucking as well.

Grace reported that we need information to include in the next newsletter. TBR Jane Criswell will be doing a TBR corner. Southern Board Representative Bob Perrill asked about our status on the member profile. Grace reported that she didn't receive any suggestion on changes to the profile form. Board members are asked to review the form and send Grace your suggested changes. If anyone sees something, they think should be included in a newsletter please submit it to Grace.

At the last meeting it was suggested that the annual raffle might benefit regional charities. The membership was notified twice via listserve to contact their regional reps with their suggested charities. Board reps were to compile background and provide information to Grace for distribution to the board, but not all information was received. Board members will submit material to Grace by the first week in April for distribution and the decision will be made at the May board meeting.

Grace mentioned that we have received material from AALAS Foundation on animal cards, donation ideas in memory of loved ones and stickers promoting animal research. The animal cards have already been listed on our website under tech week items and Grace can include it on a separate page if needed. We will have the letter scanned and include it in the newsletter.

The meeting was adjourned at 12:55 p.m.

### Dog Genome May Benefit Human Health

A new genetic analysis of man's best friend could help scientists

explain why a border collie has knack for herding or why poodles sport a curly coat. In the May 21, 2004, issue of Science, researchers at Fred Hutchinson Cancer Research Center report the first extensive genetic comparison of domestic dog breeds.

The study, led by Drs. Elaine Ostrander, Leonid Kruglyak and graduate student Heidi Parker, revealed distinct DNA blueprints for each of the 85 varieties of purebreds that were analyzed as well as similarities between certain breeds. The researchers expect that understanding these genetic relationships will help them uncover the genes responsible for the physical features and behaviors unique to each breed as well as the diseases to which they are commonly susceptible, such as cancer, deafness, blindness, heart disease and hip dysplasia.

The findings also have generated excitement among those who study human diseases. Because at least half of the more than 300 inherited canine disorders resemble specific diseases of man.

The dog is a geneticist's dream because each pure breed represents a group of genetically similar animals that have descended from only a few ancestors.

Because most breeds were developed within the last 300 years -- considered a very short period of time by evolutionary biologists -- scientists expect that each distinctive trait has arisen from a small number of genes.

To identify the genes for a particular characteristic or disease in man, scientists often focus on human groups known to share a common ancestry. Only a small number of isolated human populations, such as Icelanders, whose members descend from a small group of founders, are available for study. This has

hampered the identification of genes for many human diseases.

"There are more than 400 breeds of dog, and each is an isolated breeding population," Ostrander said. "What that means is that each dog breed is like a little Iceland -- an isolated population that allows us to simplify a complicated genetic problem.

"Although there may be just as many genes for a given disease in dogs as there are in humans, being able to search for them in a single breed allows us to find the genes responsible for that disease much more easily."

Parker examined 96 different microsatellites in 414 purebred dogs representing 85 breeds. She then worked with Kruglyak, an expert in the application of state-of-the-art statistical methods to large genetic studies, to evaluate the relationships among breeds. Microsatellite "signatures" for each breed were distinct enough that they could be used to categorize 99 percent of the individual dogs into their correct breeds.

Based on the genotyping analysis, the researchers were able to sort the breeds into four genetically similar groups.

One of the four clusters represents an ancient group of animals with Asian and African origins that possess a wide diversity of traits. This group includes breeds such as the Alaskan Malamute and Siberian Husky and shows the closest relationship to the wolf.

The other three other groups contain Mastiff-like breeds that share common physical characteristics; Shetland and Belgian sheepdogs, Collies and other dogs with herding behaviors; and dogs with hunting-associated behaviors.

"We're now looking at narrowing down similar regions of DNA to identify single genes that

contribute to particular traits," Ostrander said. "There are hundreds of diseases out there, and many of them have counterparts in humans."

The Ostrander lab is studying genetics of cancer, blindness, and soon will begin a study of obsessive-compulsive disease. "What is so great about this study to date is that it's been a real community effort," Ostrander said. "We could not have done the work without the involvement of pet owners, breeders and community leaders who support the work we're doing to improve both canine and human health. This is just the way science is supposed to be done." - Biocompare's online Life Science Newsletter

### **FBI Warns Biotech Industry of Animal Extremists**

By Clive Cookson

The US pharmaceuticals and biotechnology industry is at risk from an increasingly violent animal extremist movement, the Federal Bureau of Investigation has warned. The FBI regards ecological and animal rights extremists as the country's leading domestic terror threat.

Philip Celestini, the special agent supervising FBI operations against animal and ecological extremists, told BIO, the largest US biotech conference, that most of the companies represented there were on a list of 1,100 potential corporate targets circulating among activists. "The FBI was a little slow to respond to the threat," said Mr Celestini. "But as we noted the escalation in violent tactics, we had no choice but to divert resources from other pressing matters. We now have agents in San Francisco and 35 FBI field offices nationwide addressing animal terrorism."

Mr Celestini appealed to his audience to face up to the threat.

"The biotechnology and pharmaceutical industries have not raised this as a strategic issue," he said. "There is a certain amount of denial going on but until the issue is addressed it will not go away."

One biotech company that has faced up publicly to animal terrorism is Chiron, which is suffering a sustained campaign of intimidation, including a double pipe-bomb attack on its headquarters in Emeryville, near San Francisco.

Linda Short, vice-president for corporate resources, told the conference that senior executives had debated whether to accede to the extremists' demands that Chiron pledge never to use the services of Huntingdon Life Sciences, the British animal testing company that is a prime target for activists worldwide. "We decided that caving in on this issue would not make the problem go away," said Ms Short. "So we are going to stick it out."

Ms Short said about 30 Chiron employees worldwide - some senior, some quite junior - seemed to have been singled out almost at random for systematic harassment. "No one has resigned because of this intimidation, though SHAC [Stop Huntingdon Animal Cruelty] would like to claim that one or two did," she added.

Mr Celestini said US animal extremists use "what we call the European strategy because it was used first on the continent of Europe and quickly spread to the UK and then the US". This involves secondary and tertiary targeting of companies that have business or financial relationships with the primary target, with the aim of ending those links. "If SHAC achieved its goals and Huntingdon Life Sciences shut down tomorrow, the extremists would shift their campaign to new companies and their research facilities and a new range of tertiary targets," Mr Celestini said. "These are dedicated

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### TBR Corner

Just a reminder that the Purina Mills Laboratory Animal Technician Award nominations are due August 1.

There are AALAS books available to study for the ALAT and LAT tests from the Arizona branch. You need to be a member of the local branch to borrow them. I have study guides available and some old notes and tests too from previous test takers.

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people who devote their lives to absolute cessation of animal research worldwide."

Some members of the audience looked shaken. During the questions after the presentations one executive went up to the microphone and said: "I don't even want to give my name - but this issue is not on my company's radar screen at all." ary Handley, executive vice-president of the National Association for Biomedical Research, who also warned the conference of violent animal activism, said: "I wish we were exaggerating about these things, but we are not."

(Financial Times.com, 6/10/04)

### AALAS Announces 55th Annual National Meeting in Tampa

AALAS will hold its 55<sup>th</sup> annual National Meeting October 17-21 in Tampa, FL. The AALAS National Meeting is the largest gathering in the world of professionals associated with the production, care, and use of laboratory animals. More than 4,000 veterinarians, PhDs, animal technicians, and others in the field are expected to attend, as well as

more than 250 commercial exhibitors. The five-day event features more than 200 workshops, lectures, poster sessions, and exhibits. The program will cover hot topics in the industry including the latest concepts in animal facility design and operations, novel approaches to implementing animal welfare enhancements, addressing new challenges in occupational health and safety, evolving regulatory standards and strategies, technologies for the development of new animal models, and emerging opportunities in biodefense and biomedical research. This year's keynote speaker is Dr. Kevin Fitzgerald, star of Animal Planet's "Emergency Vets." Please check [www.aalas.org](http://www.aalas.org) for the latest news on the program, as well as for registration and other necessary forms. The registration, workshop, and housing forms will all be available mid-July.

### FBR Announces Winners of The 2003-2004 Michael E. DeBakey Journalism Awards

The Foundation for Biomedical Research (FBR) today announced the winners of the **2003-2004 Michael E. DeBakey Journalism Awards**. This prestigious journalism prize program was established in 2001 to bring American journalists and scientists together to inspire exceptional, outstanding, and ongoing news coverage of biomedical research that involves laboratory animals.

This year, the DeBakey Awards are proudly cosponsored by the Paralyzed Veterans of America (PVA) through its two foundations, the PVA Research Foundation and the PVA Education Foundation.

The recipients of the Third Annual DeBakey Awards are:

Print (Large Market): **Susan Paynter**, columnist for the **Seattle Post-Intelligencer**, for "This Line of

Work Shouldn't Be a Dirty Little Secret," an insightful and revealing article about the contributions of animal research to human medicine, the dedication of those who pursue it, and the abuse to which they are routinely subjected by activists who equate the value of a human life to that of a lab rat.

Print (Small Market): **Larry Gierer**, reporter for the **Columbus Ledger-Enquirer** (Columbus, Ga.) for "Putting Athletes in Motion," a thoroughly informative exposé on a remarkable and sophisticated sports medicine program for animals at Auburn University dedicated to diagnosing and treating the joints of horses, dogs, and other animals, in order to ensure they live longer, healthier, and more productive lives.

Internet: **Andy Dworkin**, reporter for **The Oregonian/OregonLive.com** for "Strokes Can Ready Brain for Big One," an outstanding report on complex, groundbreaking research with mice and rats that points to a possible stroke-protection mechanism, a previously unknown genetic link between humans and hibernating animals, and a promising potential for protecting the human brain during cardiac bypass surgery.

Television: **Amy Clancy**, reporter and news anchor for **KIRO-TV** (Seattle, Wash.) for "Woman Saved by Animal Testing Speaks Out," a moving and educational profile of a woman whose life was saved by a successful kidney transplant and her quest to promote public understanding and appreciation for the vital role of lab animals in medical research and discovery.

The awards, which for each winner include a cash prize of \$3,000 and a heart-shaped trophy — crafted by Canadian glass artist Robert Held — will be presented personally by Dr. DeBakey, May 27 at the Mayflower Hotel in Washington, D.C.

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Dr. DeBakey, the chancellor emeritus of Baylor College of Medicine, is world renowned for his contributions as a premier heart surgeon, medical inventor, scholar, teacher, and international medical statesman. Affectionately referred to as "The King of Hearts," the father of modern cardiovascular surgery is the recipient of 57 honorary degrees and the Presidential Medal of Freedom with Distinction. Dr. DeBakey is this country's most honored physician. He is the recipient of the prestigious Lasker Award for Research, the National Medal of Science, the Eleanor Roosevelt Humanities Award, the AMA Distinguished Service Award, and the United Nation's Lifetime Achievement Award, among others. He has been named "A Living Legend" by the Library of Congress and has been inducted into the Health Care Hall of Fame. Last year, NASA recognized him with the Commercial Invention of the Year Award for his work on the DeBakey Ventricular Assist Device, which is based – in part – on space shuttle technology. In addition, in 2003, Dr. DeBakey received the Gold Hippocrates International Award, which is presented each year to ten leading physicians in the world in recognition of their exceptional humanity, modesty, intelligence, and knowledge. On May 19, Dr. DeBakey was nominated for the Congressional Gold Medal, Congress' highest civilian honor.

*FBR is the nation's oldest and largest organization devoted to promoting public understanding, respect, and support for the humane and responsible use of animals in medical and scientific research. For more information on FBR, please visit its Web site at [www.fbresearch.org](http://www.fbresearch.org).*

## LIVING PROOF PROJECT SENIORS

You have a special story to share. In your lifetime, you have benefited from incredible medical advances. You are Living Proof that medical research touches us all.

The Living Proof project would like to hear how advances in medical science have changed your life. Share your story on-line: [www.Living-Proof.us](http://www.Living-Proof.us) Or write to Living Proof at PO Box 360, Milwaukee, WI 53201-0360

Living Proof is a national public awareness campaign designed to build understanding of and support for medical research nationwide. The project is directed by States United for Biomedical Research - a national coalition representing over 500 research institutions, medical schools, hospitals, voluntary health associations and businesses - and is supported by the National Institutes of Health.

There is no cost to participate and no one will ever contact you to donate, purchase or otherwise engage in any financial transaction as a result of your participation. States United for Biomedical Research and the Living Proof project are not-for-profit educational organizations.

### What is SwAEBR?

The Southwest Association for Education in Biomedical Research (SwAEBR) has been formed with the specific mission of developing and implementing a strong proactive campaign to educate school children, as well as the general public, in the vital role biomedical research plays in their everyday lives. SwAEBR disseminates information necessary to improve the public's understanding of how responsible and humane animal research has led to significantly improved health care for man and

his animal companions.

**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.

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

**For more information go to  
[www.swaebr.org](http://www.swaebr.org) or  
or call (520)621-3931**

## Summer Fun Event - Lunch and Speaker at the Mt Lemmon Café (see [www.azaalas.org](http://www.azaalas.org) for map)

Joshua Taiz, a Tucson native, is the District Wildlife Biologist in the Santa Catalina Ranger District located at Sabino Canyon. He graduated from the UofA in Ecology and Evolutionary Biology. He was a biological consultant for seven years, surveying for and working with rare plants, spotted owls and other birds, and various mammals including the Mount Graham Red Squirrel. He has been with the Forest Service for ten years during which he has continued to work with owls, and with range and timber lands. Josh is imminently qualified to talk about the Aspen Fire and its affects on the Catalina Mountains, the forest in general, and wildlife in particular.

A drive to Mt. Lemmon along Sky Island Scenic Byway offers breathtaking vistas, incredible rock formations, and cool temperatures. The route has biological diversity similar to a drive from Mexico to Canada in a short 25 miles, beginning in the Sonoran desert and climbing through grassland, oak woodland, ponderosa pine forest, and mixed conifer forest. The mountain offers year-round recreation; the lower elevations being most popular in the winter, and high elevations most popular in the summer. Wildlife abounds, and visitors frequently see squirrels, deer, and a variety of birds. The village of Summerhaven offers lodging, dining, and shops. Mt. Lemmon Ski Valley offers wintertime skiing and a scenic sky ride the remainder of the year. The route begins at an elevation of 3,000 ft. The top of Mt. Lemmon is 9,157 ft. **Heads Up** - There is construction going on so I am told you should allow extra time for delays and there are no gas stations on the mountain so fill up before making the climb

### Mt Lemmon Lunch Registration Form

#### Meals consist of hearty half sandwich and soup or salad with dessert and drink

Each order needs to be entered separately so that they will be ready for you when you get to the café. Fill in or check the • for your choices.

**First Order:** Name \_\_\_\_\_ • Member or • Nonmember

Sandwich choices are: served on • 7 grain or • buttermilk or • homemade rye or • kaiser  
dressed with • mayo, • lettuce, • tomato

- smokehouse sampler - smoked turkey, ham, bacon with Gruyere cheese
- smoked turkey - smoked turkey with Gruyere cheese
- Garden club - Gruyere cheese and fresh vegetables such as cucumber, avocado, zucchini, red bell pepper
- BLT - smoked bacon, leaf lettuce and sliced tomato
- pastrami
- rubeen

with • Salad or Soup: • gazpacho or • Viennese cherry or • hot chili

Drinks w/ free refills - • iced tea or • lemonade or • iced coffee

Dessert choices - • cheesecake or • hot fudge sundae or Pie: or • blueberry or • cherry or • blackberry or  
• boysenberry or • raspberry or • coconut creme or • lemon creme or  
• belgian chocolate pecan or • rhubarb strawberry or • peach or • apricot or • key lime or • chocolate creme

**Second Order:** Name \_\_\_\_\_ • Member or • Nonmember

Sandwich choices are: served on • 7 grain or • buttermilk or • homemade rye or • kaiser  
dressed with • mayo, • lettuce, • tomato

- smokehouse sampler - smoked turkey, ham, bacon with Gruyere cheese
- smoked turkey - smoked turkey with Gruyere cheese
- Garden club - Gruyere cheese and fresh vegetables such as cucumber, avocado, zucchini, red bell pepper
- BLT - smoked bacon, leaf lettuce and sliced tomato
- pastrami
- rubeen

with • Salad or Soup: • gazpacho or • Viennese cherry or • hot chili

Drinks w/ free refills - • iced tea or • lemonade or • iced coffee

Dessert choices - • cheesecake or • hot fudge sundae or Pie: or • blueberry or • cherry or • blackberry or  
• boysenberry or • raspberry or • coconut creme or • lemon creme or  
• belgian chocolate pecan or • rhubarb strawberry or • peach or • apricot or • key lime or • chocolate creme

**Third Order:** Name \_\_\_\_\_ • Member or • Nonmember

Sandwich choices are: served on • 7 grain or • buttermilk or • homemade rye or • kaiser

dressed with • mayo, • lettuce, • tomato

- smokehouse sampler - smoked turkey, ham, bacon with Gruyere cheese
- smoked turkey - smoked turkey with Gruyere cheese
- Garden club - Gruyere cheese and fresh vegetables such as cucumber, avocado, zucchini, red bell pepper
- BLT - smoked bacon, leaf lettuce and sliced tomato
- pastrami
- rubeen

with • Salad or Soup: • gazpacho or • Viennese cherry or • hot chili

Drinks w/ free refills - • iced tea or • lemonade or • iced coffee

Dessert choices - • cheesecake or • hot fudge sundae or Pie: or • blueberry or • cherry or • blackberry or

- boysenberry or • raspberry or • coconut creme or • lemon creme or
- belgian chocolate pecan or • rhubarb strawberry or • peach or • apricot or • key lime or • chocolate creme

**Fourth Order:** Name \_\_\_\_\_ • Member or • Nonmember

Sandwich choices are: served on • 7 grain or • buttermilk or • homemade rye or • kaiser

dressed with • mayo, • lettuce, • tomato

- smokehouse sampler - smoked turkey, ham, bacon with Gruyere cheese
- smoked turkey - smoked turkey with Gruyere cheese
- Garden club - Gruyere cheese and fresh vegetables such as cucumber, avocado, zucchini, red bell pepper
- BLT - smoked bacon, leaf lettuce and sliced tomato
- pastrami
- rubeen

with • Salad or Soup: • gazpacho or • Viennese cherry or • hot chili

Drinks w/ free refills - • iced tea or • lemonade or • iced coffee

Dessert choices - • cheesecake or • hot fudge sundae or Pie: or • blueberry or • cherry or • blackberry or

- boysenberry or • raspberry or • coconut creme or • lemon creme or
- belgian chocolate pecan or • rhubarb strawberry or • peach or • apricot or • key lime or • chocolate creme

NAME: \_\_\_\_\_

AFFILIATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

Email: \_\_\_\_\_

**Total price \$** \_\_\_\_\_

**Please make check payable to Arizona Branch AALAS and return by 7/20/04 to:  
Arizona AALAS, University of Arizona, P.O. Box 210101, Tucson, AZ 85721-0101**

**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

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