



# NCAB NEWSLETTER

Volume 46 / Mar.—April 2006 / Number 2



## President's Message

On February 2<sup>nd</sup>, Puxatony Phil saw his shadow and we were destined for another six weeks of winter. This wise ground hog's prediction was soon to be realized on the second weekend in February with the season's first decent snowfall to hit the area.

Your NCAB Council also has some predictions for you this coming year. Interesting speakers and pleasant locations for monthly meetings continue to evolve. A successful first meeting was held at MedImmune in Gaithersburg, MD, with speaker, Dr. Laura Richman on "Elephants on the Brink: Novel Herpesviruses a Threat to Survival". The trend continued with the February meeting held at the USUHS in Bethesda, MD where Mr. Gary Wells discussed the management topic of vivarium automation. The March and April meetings promise continuing diversity as we are privileged to have Ms. Jackie Calnan of Americans for Medical Progress as our March speaker followed in April with a scientific session on influenza by Dr. Kant Subbarao of the NIH/NIAID. Later in the year, November 17<sup>th</sup> to be exact, we will join in revelry at the Medieval Times dinner theater in Hanover, Maryland for our annual banquet.

The Seminar Committee is focused on September at Turf Valley in Ellicott City Maryland for the 32<sup>nd</sup> Annual NCAB/AALAS Seminar entitled "Water, Water, Everywhere". All Seminar Committee positions have been filled including Program Co-Chairs, Dr. Kathy Nepote of the University of Maryland and Dr. Lisa Portnoy of the NIH Clinical Center. Mr. Ed Czarra and Ms. Roxanne Fox are quickly organizing what looks to be another great seminar.

Continued on page 2



President's Message Continued

As previously predicted, the Education Committee unveiled the trial membership offer for enrollment for a limited number of NCAB members in the AALAS Lab Animal Science Learning Library. The level of interest shown in this on line training program will determine the future of this endeavor. Not only does this on-line training program contain courses for successful AALAS accreditation, it continues to expand and grow with such courses as the recently added "Communicating with the Non-Native English Speaker" and "Time Management and Goal Setting".

NCAB will be represented at the Sally Ride Festival to be held at George Mason University on May 7<sup>th</sup>. Sally Ride Science™ was founded to support the large numbers of girls and young women who are or might become interested in math, science, and technology. The festivals create an experience to empower, engage, and encourage young women of all ages to pursue a future in the science.

Awards will flourish as more NCAB members are recognized for their positive contributions in the past and present. The NCAB Council is currently considering several new awards and possible monetary changes in a few existing awards.

The news of all these great events is now broadcast far and wide by our new Publicity Committee along with our established on-line newsletter and the ever informative [www.ncabaalas.org](http://www.ncabaalas.org) website. Information is constantly being posted to the website so be sure to check in and check out the latest information available.

If all of this sounds good to you, maybe you're interested in putting your name in the hat for the 2007 President Elect or the 2007/2008 Treasurer. Ms. Lisa Secrest is gathering names of interested individuals together for a ballot later this year. Information regarding qualifications and how to apply for these positions can be found in this newsletter.

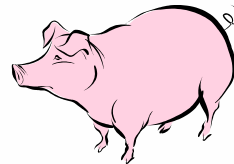
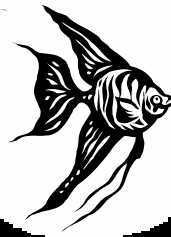
Yours truly,

Doreen



National Capital Area Branch  
of the American Association of  
Laboratory Animal Science  
Presents

Protecting  
Your Investment in Research  
Ms. Jacquie Calnan, President  
Americans for Medical Progress



**When**

March 9, 2006

5:30 Social Hour

6:30 Business Meeting



**Where**

American Red Cross

**Driving Direction**

- Go North on I-270, travel about 3.5 miles past the I-270 Split
- Take exit 8 (Shady Grove)
- Stay in the right lane, and take a sharp right onto REDLAND BLVD
- Proceed to the sixth light, past MD 355/Rockville Pike/Frederick Road and turn Right after the metro.
- You are now on CRABBS BRANCH WAY
- The Holland Lab is at 15601 Crabbs Branch Way (about 1 mile) on your left.

**NCAB AALAS is pleased to announce our membership  
in the  
AALAS Learning Library (ALL)**

On a first come, first serve basis, 150 NCAB members will be granted access to the ALL. You must be a registered NCAB member at the time of enrollment.

**This is a one year trial membership.**

**The Mission of the AALAS Learning Library:**

The AALAS Learning Library provides training that is essential for technicians, veterinarians, managers, IACUC members, and investigators working with animals in a research or education setting.

Emphasizing the appropriate handling, care, and use of animals, the courses are designed to help you study for AALAS certification, meet training mandates of regulatory agencies, and improve your knowledge in technical areas.

**Courses offered:**

[Technician Certification Preparation](#)  
[Animal Care & Husbandry](#)  
[Animal Use Methodologies](#)  
[Occupational Health & Safety](#)

[Regulatory and IACUC Compliance Management](#)  
[Training](#)  
[Animal Health, Disease, & Medicine](#)

\*\*\*\*\*

**Registration**

Name: \_\_\_\_\_ Job Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

e-mail address: \_\_\_\_\_

**Send to:**

**Cindy Horner**  
BioReliance, invitrogen bioservices  
14920 Broschart Road  
Rockville, MD 20850  
Fax: 301.738 .2362  
Email: [cindy.horner@invitrogen.com](mailto:cindy.horner@invitrogen.com)

Questions??? Call Cindy Horner at 301.610.2608

Reach for the Stars!



Sally Ride  
Science



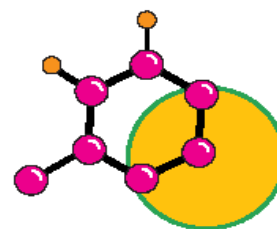
# Sally Ride Science Festival

at George Mason University  
for 5th - 8th Grade Girls

featuring  
**Kathy Thornton**, world-famous astronaut

Advance registration required, \$18

- Street Fair: music, food and exhibits
- Hands-on science activities
- Bring your friends, all are welcome



Sign up today!

[www.SallyRideFestivals.com](http://www.SallyRideFestivals.com)

1.800.561.5161



B&E SYSTEMS

MITRE

MAY 7, 2006 11:00 am - 4:15 pm GEORGE MASON UNIVERSITY, FAIRFAX CAMPUS

Dear Science Enthusiasts,

Would you like to meet Kathryn Thornton, a veteran of four space flights, and spend a day learning about science and engineering in a fun environment?

Designed for girls in 5th-8th Grade (although boys are welcome too) and featuring special workshops for educators, Sally Ride Science Festivals bring together hundreds of girls for a festive day of science and socializing.

The festival is being held on Sunday, May 7, 2006 at George Mason University, Fairfax Campus, VA and will feature:

- An inspiring talk given by Kathryn Thornton
- Workshops for girls, given by local veterinarians, astronomers, microbiologists and engineers
- Workshops for parents and teachers on ways to support girls' interests in science and math
- A street fair with hands-on activities, booths staffed by local science and engineering interests, food and music.

Full information on the festival, including how to register, is here:

<http://www.sallyridefestivals.com/06gmu0507/index.shtml>

We hope that you will be willing to forward this email to grade 5-8 teachers, and friends and family in nearby regions, to let them know about this exciting opportunity for girls, parents and teachers. We'd be happy to mail you flyers and posters too.

If you are an educator, you will receive a certificate for 4 hours of professional development.

If you have any questions about the festival, please contact us.

We hope you'll sign up!

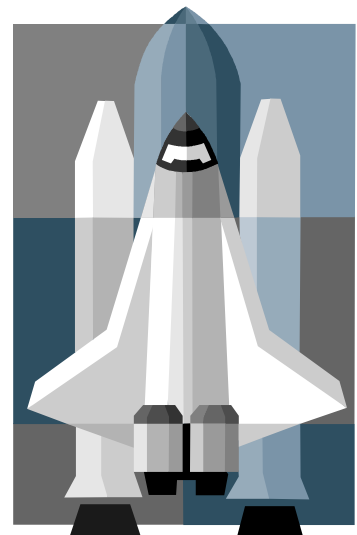
Thank you,

Sally Ride Science

800-561-5161

858-638-1432

[www.sallyridescience.com](http://www.sallyridescience.com)





## Science Mentors Needed!

Do you know about the **Sally Ride Program**? Sally Ride, former astronaut, founded Sally Ride Science in 2001 to empower girls to explore the world of science ~ from astrobiology to zoology by creating innovative, high quality programs and publications for girls and their parents, teachers and future employers. Their goal is to increase the number of girls who are technically literate and who have the foundation they need to go on in science, math or engineering. The Sally Ride Science Festival will be held in the greater Washington DC area on May 7<sup>th</sup> at George Mason University. NCAB AALAS will have a booth at the Fair this year from 9:30 am to 2:30 pm. If you would like to participate at the Fair, please contact Eileen Morgan at 301-

451-0384 or at [morgane@od.nih.gov](mailto:morgane@od.nih.gov).

To learn more take a look at the Sally Ride website at the following URL:

[www.sallyridescience.com](http://www.sallyridescience.com)

## 2006 NCAB AALAS Council

<b>President</b>	Doreen Bartlett	<b>Newsletter</b>	Julia Drake
<b>President Elect</b>	Doug Powell	<b>Program</b>	Mark Willis
<b>Past President</b>	Lisa Secrest	<b>Public Relations</b>	Eileen Morgan
<b>Secretary</b>	Erica McFarland	<b>Publicity</b>	Deb Lust
<b>Treasurer</b>	Scott Green	<b>Seminar</b>	Ed Czarra Roxanne Fox
<b>Awards</b>	Randy Elkins	<b>Technician Branch Representative</b>	Ted Plemmons
<b>Education</b>	Cindy Horner John Chick	<b>Trustees</b>	Donna Goldsteen Kelly Cole
<b>Individual Membership</b>	Chris McNickle	<b>Workshops</b>	Ted Plemmons Chris Hart
<b>Institutional Membership</b>	Frank Lynch	<b>AdHoc Committee</b>	Mark Smith Frank Lynch Betty Fatzie Laura Mistretta Curtis Black
<b>Management Information Systems</b>	Chris Hart		



***A laboratory animals best friend is a healthy, caring Animal Technician!***

Lab Products, Inc. is pleased to announce the  
**3<sup>rd</sup> Annual Lab Products Animal Technician  
Award Program.**

This program is intended to reward a deserving animal care technician from each of the 8 AALAS Districts and Canada with the opportunity to attend their first National AALAS Meeting. One award recipient will be selected yearly from each of the 8 AALAS Districts and Canada. The award will be limited to animal care personnel, with at least one year of laboratory animal care experience, that have never attended a National AALAS Meeting. The recipients of the Lab Products Animal Technician Award will each receive an award recognition plaque; airfare, hotel and registration for the National AALAS Meeting; one year membership to National AALAS and \$250 to cover incidentals while attending the AALAS Meeting. For more information write Lab Products, Inc., P.O. Box 639, Seaford, DE 19973, or see the award description and nomination information on CompMed or Techlink.

**Award Benefits:** Participation, recognition, public speaking, and decision making.

**This award will:**

Allow a deserving animal care worker from each of the 8 AALAS Districts and Canada to attend a National AALAS Meeting for the first time.

Publicly recognize the recipient at a social function of the AALAS membership.

Encourage the recipient to speak at a Branch Meeting on their experiences at AALAS, thereby allowing them to gain experience in public speaking and to promote the AALAS experience to other technicians.

The recipient will serve as a member of the Lab Products Animal Technician Award Selection Committee for the next year. This will allow them the experience and involvement in a decision making process that will affect their peers.

*Continued on next page*

*3<sup>rd</sup> Annual Lab Products Animal Technician Award continued*

**Award Selection Committee:**

Nominees for this year's awardees will be submitted to Lab Products, Inc. An Award Selection Committee will then consider all nominations and select one nominee from each of the 8 AALAS Districts and Canada to receive the award. The 2005 Award recipients will form the Award Selection Committee for selection of the 2006 Award Recipients.

**Award Selection Criteria:**

Nominee must have a minimum of 1 year work experience in a laboratory animal facility. Nominee must be a working supervisor, animal care worker or animal health technician. (Managers, Assistant Directors, etc. are not eligible). The nominee must be someone that actually performs hands on animal care work or works in the cage wash area. The nominee must be someone that would not be eligible for travel funds (from the University, Institution or Company) to attend a National AALAS meeting. This award is intended to provide deserving animal care technicians with the opportunity to attend their first National AALAS Meeting. Therefore, only nominees that have never attended a National AALAS Meeting will be eligible.

**Nomination Process:** (Nominations must be RECEIVED BY June 15, 2006)

Nominations are to be submitted by letter, detailing the Technicians' work history, accomplishments, community involvement, and describing how this travel award will benefit the technician and their facility. AALAS/CALAS Branch membership, and involvement in branch AALAS/CALAS activities, will be considered in the award selection. Supporting letters are encouraged and will be considered, but are not required.

**Send nominations to:**

Attn: Awards Selection Committee  
Lab Products, Inc.  
P.O. Box 639,  
Seaford, DE 19973  
Ph. 800-526-0469  
Fax 302-628-4309

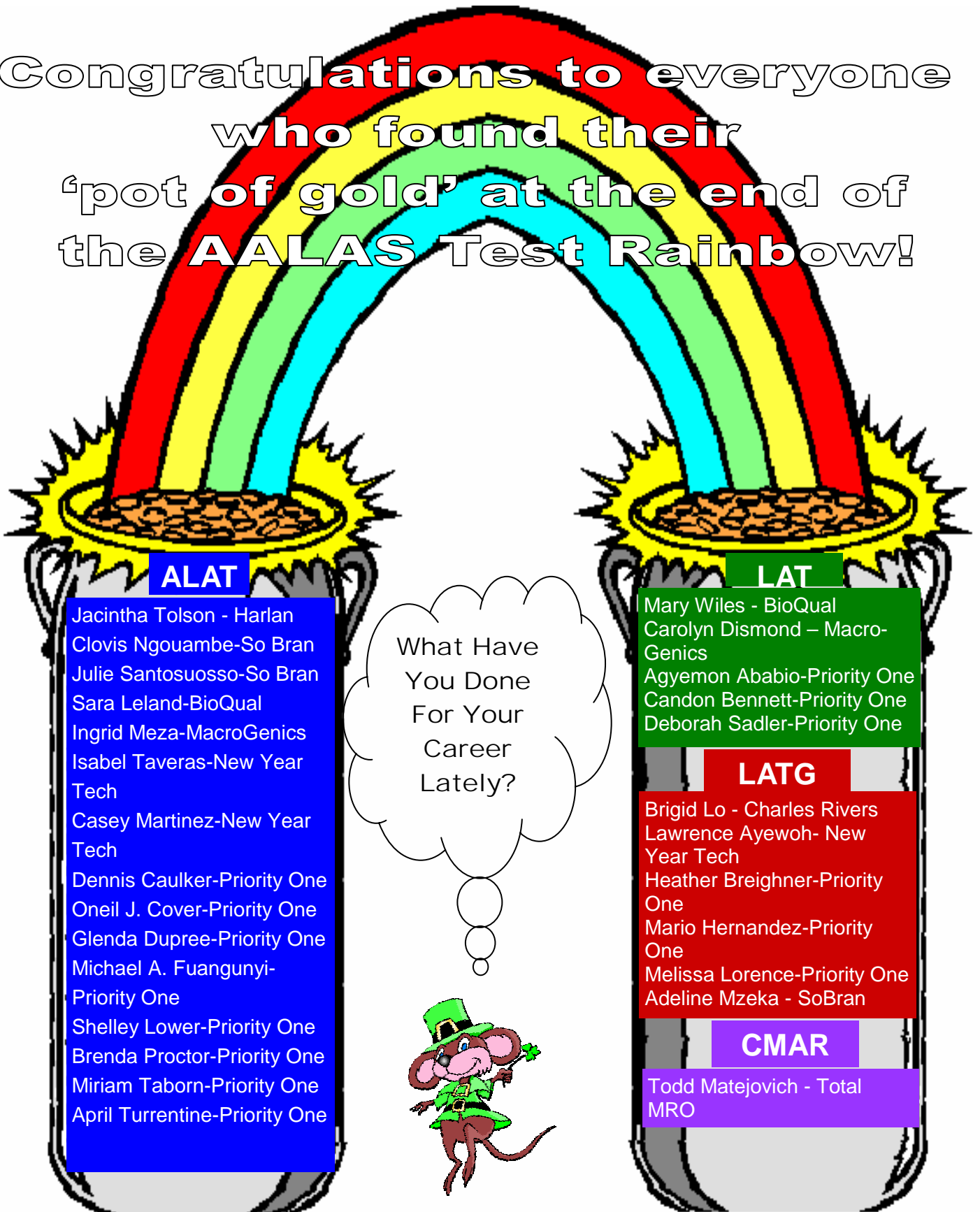
Award recipients will be notified by August 1, 2006.

**Award Recipient Requirements:**

After attending the National AALAS Meeting, the award recipients must present a paper at their next annual Branch or District AALAS meeting on how the AALAS Meeting experience affected them. Award recipient agrees to attend the Lab Products, Inc., Tuesday night social during the National AALAS Meeting for a formal award presentation. Award recipient agrees to be a judge for the selection of the next years award recipients.

**NOMINATIONS MUST BE RECEIVED BY JUNE 15, 2006**

Congratulations to everyone  
who found their  
'pot of gold' at the end of  
the **AALAS Test Rainbow!**





**PRESENTING  
THE 20TH ANNIVERSARY  
CHARLES RIVER SHORT COURSE**

**June 12-15, 2006**

After 20 years, we have a good idea of what you like:

- Multiple Tracks
- On-line Registration
- Camp ACLAM
- AAVSB CECs
- Social Outings

In addition to these mainstays, new lectures as well as a new location for the Short Course are what's in store for 2006! The course will be held at the Marriott Hotel in Newton, MA, June 12-15.

Please visit [www.criver.com/shortcourse2006](http://www.criver.com/shortcourse2006) for a full preliminary agenda & registration form.

Contact: *Lisa Antolick*  
*[lisa.antolick@crl.com](mailto:lisa.antolick@crl.com)*  
*978.658.6000 ext. 1217*



**CHARLES RIVER**  
LABORATORIES  
[www.criver.com](http://www.criver.com)



# NCAB AWARDS

NCAB AALAS is proud to announce the addition of two new awards—The **NCAB Recruitment Award** and the **NCAB Outstanding Clinical Veterinarian Award**. These two new awards will join NCAB AALAS's existing awards, the **Durbin Award**, the **Pierson Award** and **AALAS Exam Scholarship Awards**.

## **NCAB AALAS Membership Recruitment Award**

### **Award Criteria**

A plaque will be presented annually to an NCAB AALAS member who recruits the most new members during the calendar year.

## **NCAB AALAS Exam Scholarship Award**

### **Award Criteria**( Application on a following page)

Awardees will receive funds to pay for an AALAS exam either ALAT, LAT, or LATG at the National AALAS member rate.

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## **Outstanding Clinical Veterinarian Award**

### **Award Description**

This award is intended for Clinical or Facility Laboratory Animal Veterinarians. The award specifically excludes directors of animal programs. The nominee must currently be practicing clinical laboratory animal medicine/surgery for at least 75% of his/her professional time with participation in activities including: clinical medicine involving laboratory animal species, animal resource management, technician/investigator teaching and training, consultation on laboratory animal medicine topics, formal teaching and research, and participation in organized laboratory animal medicine. The nominee will have sustained superior clinical performance, achieved recognition for a single accomplishment or contribution, or provided exemplary service to the Branch. All nominees must be members of NCABAALAS. Individuals may only be nominated by their supervisory veterinarian, or in the case of Branch service, by a member of the NCABAALAS Council. Letters of support may be from the facility of employment or other animal facilities. Each nominee must have been employed as a clinician at his/her institution for a minimum of one year. The criteria on the following page are recommended to assist individuals preparing nominating or supporting letters.



NCAB AALAS Awards continued

## NCAB AALAS Outstanding Clinical Veterinarian Award

### Award Criteria

I. Experience in laboratory animal medicine/science:

- A. Years in field
- B. Knowledge of lab animal medicine
- C. Clinical skills (diagnostic, therapeutic, etc.)
- D. Surgical skills

II. Educational Background:

- A. Undergraduate degree/s
- B. Internship
- C. Residency
- D. Postgraduate degree
- E. Board certification
- F. Continuing education

III. Participation in organized laboratory animal medicine/science (NCAB AALAS, National AALAS, ACLAM, etc.):

- A. Years of membership
- B. Committee participation.
- C. Offices held
- D. Presentations
- E. Participated to enhance laboratory animal medicine and science meetings.
- F. Membership/participation in other veterinary and scientific associations ( years of service, positions held, special activities/awards)

IV. Teaching/Training:

- A. Participation in additional learning or information programs for others (career days, touring groups through facility, etc.)
- B. Teaching and participation in training programs at the facilities (veterinarians, technicians, investigators, etc.)
- C. Involvement in public education/outreach to promote the truth about laboratory animal research

V. Contributions and/or accomplishments in the laboratory animal field:

- A. Publications
- B. Contributions to improved standards of laboratory animal care
- C. Contributions to improved quality of animals used in research
- D. Development of special techniques

VI. Recognition by peers:

- A. Recognized and respected as a leader/expert in the field; advice is sought; well-liked and other positive character traits.
- B. Awards and honors; has been previously recognized for outstanding accomplishments in the field.

VII. Miscellaneous. *Use this to address any topics not covered above.*



*NCAB AALAS Awards continued*

## **NCAB AALAS Durbin Award**

### **Award Description**

The technician selected for the Annual NCAB Durbin Award shall be a person whose primary responsibility is the feeding, handling and care of animals.

### **Award Criteria** (Application on following page)

One or more should be used in selecting the nominee:

1. Daily contact with animals of one or more species in the form of handling, feeding, watering and changing bedding.
2. Demonstrated positive attitude toward the welfare of animals.
3. Demonstrated performance in completing animal care related duties, at or above the expected level of performance for the facility.
4. Pursuit of knowledge in the field of animal care should be present.
5. Innovative approaches to animal care problems should be cited.
6. Supervisory responsibility and formal degrees are not important considerations.
7. All other considerations being equal, candidates having current membership in the NCAB/AALAS or National AALAS will be selected.

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## **NCAB AALAS Pierson Award**

### **Award Description**

The technician selected for the Annual Pierson Award shall be a person whose duties and responsibilities include daily contact with animals in the conduct of technical or supervisory duties.

### **Award Criteria** (Application on following page)

One or more should be used in selecting the nominee:

1. Daily contact with laboratory animals of one or more species in the performance of technical duties such as specimen collection, necropsies, surgical manipulations or operating diagnostic equipment.
2. Scope of direct working supervision over personnel responsible for the care and feeding and general welfare of animals.
3. Demonstrated attitude, performance level and innovative approach toward the betterment of animal care.
4. Demonstrated pursuit of knowledge of animal husbandry through academic training, animal care course work or certification in the field of animal husbandry (examples: Bachelor or AA degrees, AALAS Certification, Veterinary Assistance Training).
5. All other considerations being equal candidates having current membership in the NCAB/AALAS or National AALAS will be selected.



# Durbin and Pierson Award Application

## **APPLICATIONS AND ENDORSEMENTS MUST BE TYPED**

I. **Please Indicate:** Date submitted: \_\_\_\_\_ Durbin Award \_\_\_\_\_  
Pierson Award \_\_\_\_\_

II. **Personal Data:**

Please accept the nomination of: \_\_\_\_\_

Title: \_\_\_\_\_

Current Employer: \_\_\_\_\_ Years: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone (work): \_\_\_\_\_

III. **Certification Data:**

AALAS (Highest Level Achieved): Level: \_\_\_\_\_ Date: \_\_\_\_\_

Other (Explain): Level: \_\_\_\_\_ Date: \_\_\_\_\_

Other Educational Information: \_\_\_\_\_

\_\_\_\_\_

IV. **Professional Participation:**

NCAB/AALAS Member: \_\_\_\_\_ Years: \_\_\_\_\_ National AALAS Member: \_\_\_\_\_ Years: \_\_\_\_\_

Other Organizations: \_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

Awards Received: \_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

Publications/Presentations: \_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

V. **Employment Data:**

Responsibilities at current employment, animal species experience (additional sheets may be added if necessary):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

VI. **Previous Employment:**

Employer, date of employment, job title, animal species experience (additional sheets may be added if necessary):

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VII. **Recommendations:** Supervisor and/or Head of Department

Please address items from the Suggested NCAB "Guidelines". Recommendations should be limited to 200 words or less. Please refer to candidate as he or she in the body of the endorsement. (additional sheets may be used if necessary)

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VIII. **Endorsements:** Lab Animal Related

Attach only two letters of recommendation from supervisor, department head, or other endorsements. Please address items from the Suggested NCAB "Guidelines". Recommendations should be limited to 200 words or less. Please refer to candidate as he or she in the body of the endorsement. (additional sheets may be used if necessary)

SUBMIT APPLICATION FORM AND ENDORSEMENTS TO NCAB/AALAS  
AWARDS COMMITTEE:

Randy Elkins, D.V.M., DACLAM  
Associate Director for Laboratory Animal Resources and  
Animal Program Director  
Division of Intramural Research  
National Institute of Allergy and Infectious Diseases  
14 Medlars Drive MSC5530  
Building 14B South, Room 226  
Bethesda, Maryland 20892  
301-496-0560 (voice)  
301-480-7373 (fax)  
relkins@nih.gov (email)

**Closing date for application submission:  
June 30, 2006**



# AALAS CERTIFICATION EXAM SCHOLARSHIP APPLICATION

## I. Personal Data:

Name: \_\_\_\_\_ Date Submitted: \_\_\_\_\_  
Address: \_\_\_\_\_  
Title: \_\_\_\_\_ Current Employer: \_\_\_\_\_  
Work Address: \_\_\_\_\_  
Telephone: Work: \_\_\_\_\_ Home: \_\_\_\_\_

## II. Scholarship Application Level: \_\_\_\_\_ ALAT \_\_\_\_\_ LAT \_\_\_\_\_ LATG \_\_\_\_\_

First time to take the exam at this level? Yes \_\_\_\_\_ No \_\_\_\_\_

Present AALAS Certification Level: \_\_\_\_\_ Certification Date: \_\_\_\_\_

**NOTE: Amount of the award will be that of the certification exam level to be taken at the National AALAS Member Rate.**

## III. Educational Data: (include highest level completed)

Grammar School (check) \_\_\_\_\_ High School (circle) 1 2 3 4

College (circle) 1 2 3 4 Graduate School

College Attended: \_\_\_\_\_

Degree(s) Achieved: \_\_\_\_\_ Major: \_\_\_\_\_

Vocational School: \_\_\_\_\_ Subject: \_\_\_\_\_

Other educational information: \_\_\_\_\_

Certification Training Courses/Workshops: \_\_\_\_\_

Title: \_\_\_\_\_ Date Attended: \_\_\_\_\_

Instructor: \_\_\_\_\_

Location: \_\_\_\_\_

## IV. Professional Participation: NCAB Membership (one year) Mandatory

NCAB/AALAS Member: \_\_\_\_\_ Years: \_\_\_\_\_ National AALAS Member: \_\_\_\_\_ Years: \_\_\_\_\_

Other Organizations: \_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

Awards Received: \_\_\_\_\_ Year: \_\_\_\_\_

Meeting Attendance: \_\_\_\_\_ Years: \_\_\_\_\_

AALAS Committee Participation: \_\_\_\_\_ Years: \_\_\_\_\_

Publications/Presentations: \_\_\_\_\_ Years: \_\_\_\_\_

\_\_\_\_\_ Years: \_\_\_\_\_

## V. Employment Data:

Responsibilities at current employment, animal species experience (additional sheets may be added if necessary):

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VI. **Previous Employment:**

Employer, date of employment, job title, animal species experience (additional sheets may be added if necessary):

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VII. **Describe briefly why you feel you should be a recipient of this NCAB/AALAS Certification Exam Scholarship:**

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VIII. **Endorsements:** Lab Animal Related

Attach two letters of recommendation from supervisor, department head, or others. Please refer to candidate as he or she in the body of the endorsement.

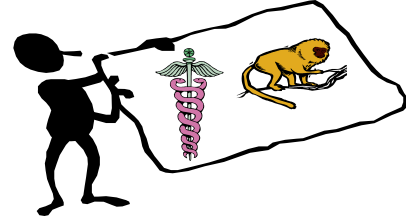
PLEASE SUBMIT COMPLETE APPLICATION FORM WITH TWO ENDORSEMENTS TO  
NCAB/AALAS AWARDS COMMITTEE:

Randy Elkins, D.V.M., DACLAM  
Associate Director for Laboratory Animal Resources and  
Animal Program Director  
Division of Intramural Research  
National Institute of Allergy and Infectious Diseases  
14 Medlars Drive MSC5530  
Building 14B South, Room 226  
Bethesda, Maryland 20892  
301-496-0560 (voice)  
301-480-7373 (fax)  
relkins@nih.gov (email)

**Closing date for application submission:  
June 30, 2006**

## NCAB / AALAS 2006 Poster Session

It is that time again; time to start thinking about your submission for the 32nd annual NCAB / AALAS 2006 Seminar poster session being held at the Turf Valley Conference Center on September 13-14.



This is a great opportunity for all of you: Technicians, Veterinarians, or Scientists to share your ideas, techniques, or research projects with your fellow NCAB/AALAS members. Presentations may be based on scientific research or other relevant subjects such as: husbandry, facility management, safety, techniques etc.

Prizes and ribbons will be awarded.

More detailed information will be in the next NCAB/AALAS newsletter and posted on the website, <http://www.ncabaalas.org/>. By the way, Continuing Education Units (CEUs) are awarded for poster presentations.

If you are interested in submitting a poster, please contact either Daisy Reasinger or Doreen Reasinger as shown below.

**Daisy Reasinger**  
Charles River

**Phone:**  
**Cell: 301-213-3779**  
**E-mail: [Daizyr111@aol.com](mailto:Daizyr111@aol.com)**

**Doreen Reasinger**  
**Advanced Bioscience Laboratory**  
**1330 Piccard Drive**  
**Rockville, MD 20850**

**Phone: 240-631-2414 ext 219**  
**Fax: 240-631-0931**  
**E-mail: [Doreen.Reasinger@ablinc.com](mailto:Doreen.Reasinger@ablinc.com)**

## Announcements

### Lab Products

We are pleased to announce that Robert Graves, who had been our Sales Executive in the Texas area of the country has been promoted to the position of National Sales Manager and has moved to Maryland to become the Lab Products Sales Executive for the Washington, D.C., Va., and Maryland area. Robert's office is located in Rockville and he can be reached at 301-468-0250.

Marc Willis, who had the local Sales Executive position previously has also been promoted. Marc is now Vice President, General Manager, Hydropac/Lab Products and will be located at our manufacturing facility in the Aberdeen, Maryland area. Marc can be reached at 240-620-5356.



Facility Design

NCAB/AALAS

Water Quality

32nd. Annual Seminar

And more

September 13-14, 2006

And more

Turf Valley - Ellicott City, MD

“Water, Water, Everywhere”

Disaster Planning

Animal Drinking Water



# Feature Article

## How can I rescue a valuable transgenic, knockout, or knockin line when I only have one male available and he is not productive?

The first step determining whether or not the male is physically mating the females. This is easily accomplished by checking for the presence of vaginal plugs the morning after being housed with synchronized or superovulated females, previously primed using a standard exogenous hormone regimen (5 IU eCG and 5 IU hCG given 46- to 48 hours apart). Assuming that the male is not ill, this procedure should be repeated weekly for 2 or 3 weeks, ideally allowing sufficient time to confirm or negate a pregnancy.

If no pregnancies are obtained it is quite possible that he is mating, but not fertilizing the females, in which case the use of Assisted Reproductive Techniques (ART) should be considered. Most of these procedures require that the male be sacrificed, so one should be prepared to cryopreserve excess sperm at the time of collection. If the male is physically healthy, he can be anesthetized and sperm can be collected from only one epididymis.

Some of the assisted techniques used with mice include *in vitro* fertilization (IVF), assisted IVF and intracytoplasmic sperm injection (ICSI). All procedures require the use of freshly collected oocytes, so donors must be prepared prior to processing the male.

A computerized sperm analyzer can be used to help accurately determine the concentration, motility, progressive movement and morphology of the sperm sample. Once this data is collected, a decision can be made as to which procedure should be used to help generate offspring.

If the sperm sample meets a certain minimum criteria, *in vitro* fertilization (IVF) can be used to generate high quality embryos to be transferred into pseudopregnant recipient females. Since the sperm from some males can fertilize hundreds of oocytes, a large number of offspring can potentially be generated in a short amount of time. It also has the added benefit of rederiving the line so that the pups are born free of opportunistic pathogens. Although IVF is a viable option for many strains of mice, certain strains (such as various substrains of the 129 and BALB/c) do not respond well. In these cases, compromising the zona pellucida or outer covering of the oocyte with the use of chemical agents or a laser may be necessary to further assist the sperm in entering the oocytes.

If the sperm sample fails to meet the minimum requirements for IVF or assisted-IVF, the use of intracytoplasmic sperm injection (ICSI) may be an option. ICSI is the process by which a single sperm cell is mechanically inserted into a mature oocyte in order to induce fertilization. This procedure requires a microinjector and the use of motile sperm is not required. Since only the head of the sperm cell is injected, ICSI is oftentimes used to rescue lines from recently deceased males, cryopreserved sperm, or samples with virtually no motility.

Charles River Laboratories uses all of the processes above to assist customers with their genetically-altered animal needs. Charles River has produced thousands of animals using ART and continues to develop and refine the techniques.



March Comes In Like  
a Lion and Goes  
Out Like a Lamb.



## Conferences

**May 22-23, 2006**

The Humane Care and Use  
of  
Agricultural Animals in Ani-  
mals  
St. Louis MO

**December 4-5, 2006**

Addressing Current  
Animal Research and IA-  
CUC Issues  
San Antonio TX

IACUC-Advanced

**April 27, 2006**

IACUC-Advanced  
Davis CA

**September 12, 2006**

IACUC-Advanced  
Ithaca NY

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info@scaw.com  
www.scaw.com

*...promoting best practices in animal research and testing"*

# Career Opportunities

Priority One Services is seeking

ANIMAL HEALTH TECHNICIAN II to work one of our laboratory animal facilities at the National Institutes of Health in Bethesda, Maryland. Candidate must be certified at the LATG level or have a 91T, a LVT or a degree in veterinary medicine. Must have 4 years experience in a laboratory animal facility. Experience should be related to the species housed in Building 49 at NIH (rodents rabbits, dogs, cats and non-human primates). Applicant must demonstrate a working knowledge of veterinary technology. Formal education shall include a minimum of a high school diploma or GED equivalent and a working knowledge of computers and associated software. JOB ID: AHT-49

LABORATORY ANIMAL TECHNICIAN to work at various animal laboratory facilities in the Bethesda/Baltimore/Poolesville Maryland areas. Must have a high school diploma or equivalent, AALAS certification and 3 years experience in a laboratory animal facility. Must have experience in technical procedures; multi-species and specialty areas preferred, barrier and data management. Must be willing to travel. JOB ID: CORP

Any candidate applying to an animal related position must have the ability to work with and around animals, and/or the ability to control any animal or latex related allergies with medication. If medication is needed, POS will require a physician's note indicating that you are able to perform essential job functions, which include working with and around animals safely. The ability to lift 50 pounds and the disclosure of household pets may be required for certain positions.

## Company Information

Headquartered in Virginia, Priority One Services provides facility management and veterinary technical support needs to federal agencies, academic institutions, and private industries. We offer competitive salaries and excellent benefits including tuition reimbursement to all of our employees.

All candidates must have the ability to read, speak, and understand English. All candidates should mail, fax, and/or email cover letters and resumes to:

PRIORITY ONE SERVICES, INC. Attn: Recruiter 6600 Fleet Drive Alexandria, VA 22310 Fax: 703-971-5440 [recruiter@priorityoneservices.com](mailto:recruiter@priorityoneservices.com) EOE, Drug Free Workplace



# NCAB/AALAS MEMBERSHIP APPLICATION

MEMBERSHIP INCLUDES SUBSCRIPTION TO NCAB NEWSLETTER, DISCOUNTS FOR WORKSHOPS, NCAB ANNUAL SEMINAR, MONTHLY MEETING SOCIALS, ETC.

MEMBERSHIP DUES are \$15.00 per year (make check payable to NCAB/AALAS)

**MAIL TO:**  
Christine McNickle  
NCAB Membership  
PO Box 464  
Myersville, MD 21773

**PLEASE PRINT CLEARLY! THIS INFORMATION IS USED FOR ALL MAILINGS AND DIRECTORY LISTING!!**

\_\_\_\_\_  
(First Name)                      (Initial)                      (Last Name)                      (Degree)

Company Name: \_\_\_\_\_

Position: \_\_\_\_\_

Preferred Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Work Telephone Number: (    ) \_\_\_\_\_ Fax: (    ) \_\_\_\_\_

E-mail: \_\_\_\_\_

Specialty Certification:    LATG            LAT            ALAT            OTHER: \_\_\_\_\_

I hereby apply for membership in the National Capital Area Branch/American Association for Laboratory Animal Science and enclose \$15.00 as my annual dues for one year (January 1 through December 31) which includes a subscription to the NCAB/AALAS Newsletter.

Method of Payment:  
Personal Check # \_\_\_\_\_ Company Check# \_\_\_\_\_

VISA/MC # \_\_\_\_\_ Expiration Date (Month/Year) \_\_\_\_\_

Signature of Applicant \_\_\_\_\_ Date: \_\_\_\_\_

Name of Person who recruited you to Join \_\_\_\_\_

# Newsletter Submission Deadlines for 2006

## Issue

May/June

July/August

September/October

November/December

## Deadline

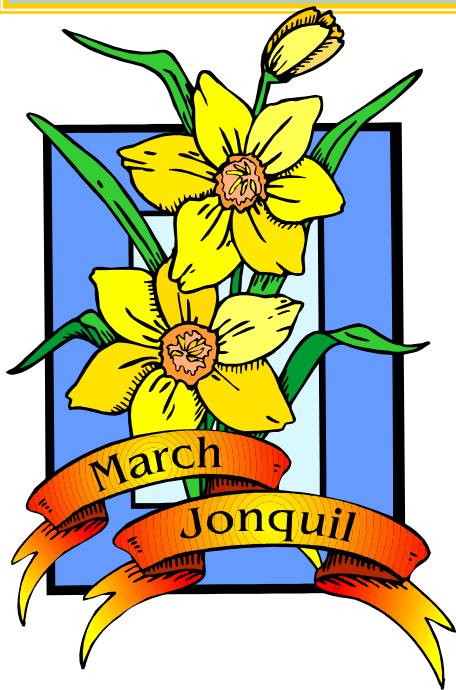
April 15th

June 15th

August 15th

October 15th

Please submit information for the newsletter to  
Julia Drake at e-mail [drakej@nei.nih.gov](mailto:drakej@nei.nih.gov)  
or at phone 301-402-0408



National Capital Area Branch  
American Association for  
Laboratory Animal Science

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NCAB Membership  
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Myersville, MD 21773

