



NCAB NEWSLETTER

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Number 1

President's Message

I hope each of you had a wonderful holiday season and are ready for another great year with NCAB AALAS. I would like to first of all thank Doreen Bartlett for her stellar leadership as our 2006 President. I would also like to thank last year's council for their dedication and hard work. Since our inception in 1961, NCAB AALAS has grown into a major organization, promoting improvements in the humane care and use of research animals. Last year's efforts certainly kept with this fine tradition.

For 2007, co-chairs for Program, Robert Graves and Roxanne Fox, will be setting up speakers for our monthly meetings. While they will be looking at some alternate sites, they have selected something different for the January meeting. They have planned a "Meet and Greet" at That's Amore in Rockville. More details are forthcoming.

Larry Shelton will chair the Seminar committee this year. He is off and running in developing some great ideas for our annual seminar which once again will be held at Turf Valley in Ellicott City.

Eileen Morgan is returning as Public Relations Chair. She is planning several outings including possibly a seminar sponsored by the D.C. State Office for Career and Technology Education to expose high school students to the sciences. Volunteers will be needed to man the booth.

Cindy Horner and John Chick, our Education co-chairs are looking at LAT, LATG, and CMAR courses and hopefully opening the AALAS Learning Library for wider participation.

Randy Elkins is also returning as Award's chair. He will be overseeing several awards this year including for the first time, a vendor of the year and recruitment award. He is also hoping to smooth the way for government employees to accept awards.

Continued on page 2

President's message cont.

Election results for 2007 President Elect, Secretary and Treasurer are in. Respective winners are Scott Green, Todd Matejovich and Ed Czarra. Congratulations to all and I look forward to working with our new slate of officers.

To emphasize employees as an essential piece of the research team, International Laboratory Animal Technician Week will be held January 29 through February 2, 2007. Free or inexpensive items to give to your team members are available through National AALAS at AALAS.org.

For this year's registration drive, we hope that each of you will take advantage of the convenience of registering on line. More information will be out soon.

I hope each of you plan to make NCAB AALAS a part of your monthly agenda.

Doug



Your 2007 NCAB AALAS Council

President	Doug Powell	Newsletter	Julia Drake
President Elect	Scott Green	Program	Robert Graves Roxanne Fox
Past President	Doreen Bartlett	Public Relations	Eileen Morgan
Secretary	Todd Matejovich	Publicity	Deb Lust Shannon Stutler David Mallon
Treasurer	Ed Czarra	Technical Branch Rep.	
Awards	Randy Elkins	Workshops	Chris Hart Mike Junio
Education	Cindy Horner John Chick	Trustee	Kelly Cole Donna Goldsteen
Individual Membership	Chris McNickle Katy Benhard	Seminar	Larry Shelton
Institutional Membership	Frank Lynch Guerra Benberry	Ad Hoc	Mark Smith Betty Fatzie Curtis Black
Management Information Systems	Chris Hart		





Please join us for a "Meet & Greet"
1st NCAB Meeting of the New Year

January 11, 2007—5:30-7:30pm

That's Amore

15201 Shady Grove Road in Rockville, MD

240-268-0682

Drawings will be held for great prizes!

AALAS Foundation

Donation and Auction

Totals From National Meeting 2006

Below is the listing of the totals for the Foundation's fundraising efforts during the 2006 National Meeting:

Booth donations: \$10,040 (218 individuals and 1 corporate)

Auction Total: \$9132- Live \$4001 (22 participants)

Silent \$5131 (71 participants)

77 contributors donated 160 items to the auction

NCAB Donated Items

1) Maryland basket of goodies \$80.00

2) Noah soft (fabric) kid's book \$30.00

3) Animal soft (fabric) kid's book \$26.00

4) Pair of monkey pillowcases \$18.00

Total - \$154.00

Steris 5K Run Registration Fees donated: \$540

Total: \$19,712.00

2 new five-year individual pledges: One for \$500 and one for \$1500

Thank you to all who contributed!!



AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE

9190 Crestwyn Hills Drive Memphis, TN 38125
phone 901-754-8620 • fax 901-753-0046



2006 National Meeting Webinars Available

Webinars made from the following presentations are now available to AALAS members on the AALAS web site through March 30, 2007.

Stress-Induced Alopecia in Primates: Prevalence, Quantitative Assessment, and Action Plans

Clinically Relevant Problems of Nonhuman Primates

From Concept to Reality: Solutions for Real-Life Issues in Biocontainment Training

Access these at <http://www.aalas.org/webinars.asp>

New AALAS Grants Now Available

One-year grants of up to \$25,000 are available to current AALAS members. The AALAS Grants for Laboratory Animal Science (GLAS) aims to enhance scientific knowledge in laboratory animal science through research and to promote collaborative efforts by the AALAS membership within the broader scientific community. The grant submission deadline is February 1, 2007. Download the grant application form and program information from the AALAS website: <http://www.aalas.org/glas>

WHERE CAN YOU GET 1029.1 YEARS
OF KNOWLEDGE & EXPERIENCE IN JUST 4 DAYS?



ANSWER: AT THE SHORT COURSE,
WHICH COMBINES CHARLES RIVER'S
60 YEARS OF EXPERIENCE IN LAB
ANIMAL SCIENCE WITH AN AVERAGE
OF 15 YEARS OF KNOWLEDGE FROM
EACH OF THE 50+ SPEAKERS.

CHARLES RIVER LABORATORIES ANNUAL SHORT COURSE

JUNE 18-21, 2007

This spectacular event offers:

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

The course will be held at the Marriott Hotel
in Newton, MA. For a full preliminary agenda
and registration form, please visit

www.criver.com/shortcourse2007.

Contact: Lisa Antolick
lisa.antolick@crl.com
978-658-6000 ext. 1217


CHARLES RIVER
LABORATORIES



LAWTE (Laboratory Animal Welfare Training Exchange) is pleased to announce the new Founder's Award to recognize an outstanding educator/trainer in the field of laboratory animal science and/or regulatory compliance.

The award will be presented during the Business Meeting of the August 9-10, 2007 REPLAY LAWTE Conference being held in Boston. The award will consist of monetary award, honorary life membership in LAWTE, waived 2007 REPLAY LAWTE Conference Registration Fees and more.

The nomination criteria includes the requirement for the nominee to be a current LAWTE member for a minimum of one year and be engaged in training/education programs in laboratory animal science and/or regulatory compliance. The nominee should not have been a recipient of the AALAS' George Collins Award within the past six years.

The nomination process involves the nominator providing the nominee's educational and professional background, along with a statement pertaining to his/her exceptional qualifications for the award. The nominator should provide his/her contact information in the nomination package. Maximum qualification's statement length is 10,000 words. A minimum of two letters of support to a maximum of ten letters of support with a maximum length of 5,000 words per letter should be included in the nomination package.

Incomplete nominations will not be considered.

Nomination packages should be mailed to: LAWTE, c/o Grace Aranda, University of Arizona, P.O. Box 210101, Tucson, AZ 85721-0101.

The complete nomination package must be submitted by May 8, 2007 (approximately, 90 days prior to the REPLAY LAWTE Conference).

By June 8, 2007, the Awards Selection Committee will notify the selected winner's nominator. This will allow the nominator time to invite the award winner, family and friends to the award's ceremony. For U.S. Citizens, the social security number of the award winner needs to be provided to the LAWTE Treasurer. All decisions by the Awards Selection Committee are final.

For more information on the 2007 REPLAY LAWTE Conference, please go to the LAWTE Website (www.lawte.org).

For more information on the new LAWTE Founder's Award, please contact Kim Edgar at KimberlyEdgar@aol.com, Kimberly.Edgar@Dartmouth.edu or #603-646-1351.

THE 2007 TURNKEY AWARDS

Help *Animal Lab News* Recognize the Best of the Best!

Send in your nominations for the [2007 TurnKey Awards](#)! Select from one of the following categories:

- **the Facility of the Year Award**, which recognizes outstanding achievements in the design/build of a new or renovated laboratory animal facility, and/or
- **the Facility Leader of the Year Award**, which recognizes laboratory animal professionals who exhibit outstanding leadership and promote the highest standards in the care and use of laboratory animals

How to Enter:

Anyone is eligible to make a nomination. *Animal Lab News* subscribers, vendors, public relations representatives, or clients can all nominate facilities or facility leaders. (There is a USD \$ 85 fee per nomination for Facility of the Year; no fee for Facility Leader of the Year.) All nomination forms must be postmarked by the end of the day (midnight EST) on December 15, 2006.

Don't miss out on your chance to participate! Download the **2007 TurnKey Awards** nomination form at <http://www.animallab.com/turnkey/awards/TKNom.pdf> and tell us who *you* think this year's winners should be!

More About the 2007 TurnKey Awards:

The **2007 TurnKey Awards**, sponsored by [Animal Lab News](#) recognize excellence in the design, building, and management of laboratory animal facilities. An independent panel of industry experts will review all nominations and select finalists and winners. The winning facility and facility leader will be announced in the March 2007 issue of *Animal Lab News*. Winners will also be acknowledged at the [2007 TurnKey Conference](#) (April 10-11, 2007; Boston, MA).

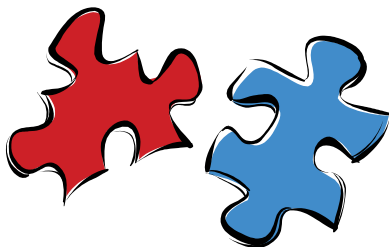
For additional information, visit www.animallab.com/turnkey/awards.

**International Laboratory
Animal Technician
Week**

January 28 - February 3, 2007

**"You Are an 'Essential'
Piece of the Research Team!"**

**You can find lots of great ideas
for celebrating Tech Week in
your facilities at
www.aalas.org
Make plans now to celebrate!**





Searching High and Low

National AALAS is looking for nominations for the position of District 3 Trustee. This position would be filled during the summer 2007 election for 2008-2010 terms. Responsibilities for all positions commence at the close of the national meeting in

Charlotte, NC. Candidates must meet the eligibility criteria, submit the appropriate forms, commit to attend the AALAS National Meetings, as well as the Board of Trustees Annual Session on Friday preceding the Sunday opening, and up to two additional BOT Sessions during each year of their term.

Trustees and Alternate Trustees

- A. **Nominating Petitions - No later than April 13, 2007**, submit to the AALAS office nominating petitions for the positions of trustee or alternate trustee. To be added to the ballot, candidates must meet the eligibility requirements and provide at least 25 valid National AALAS member signatures from within their district.
- B. Requirements for eligibility – **Trustees, Alternate Trustees** (See also Nominating Petition.)
1. AALAS National Membership in good standing for the past five consecutive years.
 2. Have served in Branch leadership and/or on a district, regional or National committee during the past five years.
 3. Make a three-year commitment to leadership. The position of Trustee is a three-year term.
 4. Reside in district of representation as designated by the voting contact address.
- C. Open positions for terms 2008-2010:
- District 1 – Trustee & Alternate Trustee
 - District 2 – Alternate Trustee
 - District 3 – Trustee
 - District 5 – Trustee
 - District 6 – Trustee
 - District 7 – Trustee
 - District 8 – Trustee & Alternate Trustee

Nominating Petitions and the Candidate Criteria forms are available for download from the AALAS website. You must login to access the files. From the left menu, select "Association," then "Leadership." On the left under "Related Links," select "Leadership Nomination Information." On the left under Related Links, select the applicable file to download.

Make a difference-become involved! If you have any questions, contact Jo Ellen Sherow at (740) 593-0664 or Ann Turner at the AALAS national office.

What is a Board of Trustee to AALAS?

The Board of Trustees (BOT) is the legislative body of the organization and it conducts all business of the association. The BOT consists of 2 trustees and an alternate from each of the eight districts. All members of the Board of Trustees are entitled to vote on Action Resolutions and budgetary items. The Board employs the Executive Director of AALAS and performs an annual performance review of her each spring. The Board reviews the Annual Business plan of the organization and develops Goals, Objectives and Tasks each year to be met by the various committees. The Board approves of the annual meeting locations, generally at least 5 years prior to the meeting. The term of office of a trustee is three years.



Besides the National meeting, the BOTs meet for a Winter and Summer meeting that is held over a weekend. The Winter meeting is held in February or March in the city that will host the National meeting that year. In addition to discussing organizational business, the winter meeting allows the BOT to report back to their district regarding the convention center, hotels, restaurants and interesting places to visit. The summer meeting is held in Memphis in late May, June or early July.

Who pays for travel to the BOT meetings?

For the Winter and Summer meetings, air fare, hotel, meals, and parking at the airport are paid for by AALAS.

How much time is needed?

We spend about one hour most weeks – working with our respective committee, reading budget reports, or communicating with the AALAS staff. The month leading up to a meeting, approximately six hours are spent reading committee reports, action resolutions and executive summaries.

What are the advantages of being a BOT?

Being a liaison to various AALAS committees such as Tech Talk, CMAR and ILAM.

Every BOT is assigned to a committee to help them run smoothly and apprise the other BOTs of their progress and future direction.

Meeting great folks from every district and networking with local members and branches

Keeping NCAB informed on what is happening at the National level

Helping AALAS grow as an organization and develop new programs to support its varied membership by determining the direction

Institutional Membership Program

The Institutional Membership Program was started in 1978 as an important resource of support providing the NCAB with the opportunity to continually expand its educational programs. In addition to a number of Technician Scholarship awards given each year, the enthusiasm generated through our Workshop Programs have allowed us to increase the number of workshops, as well as expand the content. In 2006, our educational programs will be offered to an ever increasing audience of laboratory animal scientists, as well as other interested groups as to the benefits of biomedical research and the commitment that all members of AALAS have to humane animal care and use.

NCAB/AALAS would like to thank all of the Research Institutions and Companies who make up the Institutional membership.

For Institutional membership information for 2006, please contact:
 Frank Lynch, flynch@pharmacal.com
 Guerra Benberry, guerra.benberry@covance.com
 Institutional Membership Committee

Member Institution	Year	Member Institution	Year
AAALAC International	1997-2007	CUH2A	2004-2006
Advanced BioScience Laboratories Inc	1999-2006	Eastern Virginia Medical School	1989-2006
Advanced Sterilization Products	2005-2006	Edstrom Industries, Inc.	1981-2006
Air Net Systems Inc.	2006	Elm Hill Breeding Labs	1998-2006
Allentown Caging Equipment Co., Inc.	1979-2006	ENV Services	2006
American Red Cross	1998-2006	E-Z Anesthesia/Euthanex Corp.	2004-2006
Americans For Medical Progress	2001-2006	FDA/CBER	1984-2006
Ancare Corporation	1984-2006	Gene Logic Laboratories, Inc.	2004-2006
Anderson's/Bed-o-Cobs	1992-2006	Georgetown University R.R.F.	1989-2006
Animal Lab News	2004-2006	Getinge USA	1991-2006
Armed Forces Radiobiology Research Institute	1982-2006	Girton	1994-2006
Avalon Pharmaceuticals Inc.	2005-2006	Harlan	1981-2006
Avant Garde Scientific, Inc.	1991-2006	Hilltop Lab Animals Inc.	1983-2006
Ballard Sheet Metal Works Inc.	2006	Johns Hopkins University	1983-2006
Bio Medic Data Systems Inc.	1997-2006	Johns Hopkins University Oncology	1982-2006
Biocon Inc.	1979-2006	Lab Products, Inc.	1978-2006
Bioqual, Inc.	1983-2006	Labrepc, Inc.	2004-2006
BioReliance Invitrogen Bioservices	1979-2006	Lenderking Caging Products	1990-2006
Bio-Serv, Inc.	1994-2006	Liberty Research, Inc.	1981-2006
Britz-Heidbrink	1996-2006	Life Science Products, Inc.	1982-2006
Carter 2 Systems Inc.	2003-2006	Locus Technology, Inc.	2000-2006
Charles River Laboratories, Inc.	1978-2007	Lomir Biomedical Inc.	2001-2006
Clear H2O Company	2006	Louviere, Stratton, Yokel, LLC	1988-2006
Clordisys Solutions Inc.	2006	Lynx Product Group	2002-2006
Coastal Scientific, Inc.	2000-2006	Macrogenics, Inc.	2004-2006
Colonial Medical Supply	2002-2006	Marine Biotech Inc.	1997-2006
Covance Laboratories, Inc.	1978-2006	Marshall BioResources	1996-2006
Covance Research Products	1978-2006	Medimmune, Inc.	1995-2006
		Millbrook Breeding Labs	2005-2007

Institutional Membership Continued

Member Institution	Year	Member Institution	Year
Myrtle's Rabbitry Inc.	1997-2006	Swartz Family Sheep Farm	2005-2006
New Year Tech, Inc.	2003-2006	Synectic Resources Inc.	2002-2006
NIH/Division of Veterinary Resources	1979-2006	Systems Engineering	1989-2006
NIH/National Eye Institute	2003-2006	Taconic Farms, Inc.	1991-2006
NIH/National Institute on Alcohol Abuse and Alcoholism	2004-2006	Techspace Inc.	2004-2006
NIH/National Institute of Allergies and Infectious Diseases	1984-2006	Tecniplast USA	2001-2006
NIH/National Institute of Dental and Craniofacial Research	2004-2006	The Baker Company	2006
NIH/National Institute on Drug Abuse	2001-2006	The McConnell Group Inc.	2003-2006
NIH/NIA Gerontology Research Center	1997-2006	The Scale People, Inc.	1993-2006
NIH/NINDS/AHCS	1996-2006	Thermocare Inc.	1996-2006
NIH/Office of Animal Care and Use	1989-2006	Thoren Caging Systems, Inc.	1989-2006
NIH/Vaccine Research Center	2004-2006	Topaz Technologies, Ltd.	2006
NIH/Warren Grant Magnuson Clinical Center Animal Care Program	2001-2006	Total MRO, LLC	2002-2006
NLS Animal Health	1992-2006	Transportech	2004-2006
Northeastern Products Corp.	1999-2006	Tuttnauer	2000-2006
Nuaire Inc.	2000-2006	U.S. Dept. Of Veterans Affairs Medical Center Animal Research Facility	2004-2007
Pharmaceutical Research Laboratories, Inc.	1978-2006	Uniformed Services University of the Health Sciences	1995-2007
Porter Creek Instruments, LLC	2004-2006	University of Maryland Central Animal Resource Facility	1985-2006
Primate Products, Inc.	1998-2006	University of Maryland Veterinary Resources	1982-2006
Priority One Services	1994-2006	USAMRMC/Animal Care and Use Review Office	2006
Purina Mills LabDiet	1992-2006	VetEquip, Inc.	2000-2006
Quality Lab Products, Inc.	1998-2006	ViraTek Inc.	2006
Quip Laboratories Inc.	1989-2006	West Virginia University Office of Lab Animal Resources	2004-2006
Rees Scientific Corporation	1994-2006	World Courier Inc.	2004-2006
Sanitation Strategies	2007	WRAIR-NMRC	1981-2007
SAIC-NCI Frederick	1983-2006	Zeigler Brothers Inc.	1995-2006
Scientists Center for Animal Welfare	1999-2006		
Schlyer Machine Davison of Audubon Machinery	2006		
Shepherd Specialty Papers, Inc.	1983-2006		
Siemens Buildings Technologies	2006		
SJN Inc.	1995-2006		
SoBran Inc.	2002-2006		
Southern Research Institute	1991-2006		
Spring Valley Laboratories, Inc.	1984-2006		
Steris Corporation	1993-2006		
Suburban Surgical Co. Inc.	1988-2006		
Summit Anesthesia Solutions	2003-2006		





Just LOVE those AALAS Love Notes!!

Congratulations to all of those individuals that passed an AALAS Certification exam!

ALAT

Anne Semon - BioQual
Jamar Williams - Priority One

LAT

Erin Straley—MedImmune

LATG

Greg Wilson—MedImmune

CMAR

Chris Meshida - Priority One
Lisa Secret - Priority One



Mr. Douglas Anderson, formerly President of Lab Products passed away on December 2, 2006. Doug Anderson was an active member of the NCAB/AALAS and a former President. Doug also was the first Allied Trade President and very active in both local and National AALAS.

Doug will be remembered for his warm, gentle manner and his fabulous humor. He treated all of his customers as his friends and made life long relationships. Lab Products and Doug Anderson became synonymous in our industry. Doug retired from Lab Products in 1992 and had recently moved to Florida with his wife Gail.

For those of us that had the opportunity to come into contact with Doug Anderson over the years, we can all say it was a true honor to have been one of his friends.

How can researchers characterize an atherosclerotic rodent model or monitor the balance and motor coordination of rodents in a research environment?

High-resolution ultrasound imaging can be utilized to detect and evaluate the progression of atherosclerotic plaques. These plaques build up deposits on the innermost layer of the arterial walls, ultimately restricting blood flow. Due to the health risks associated with coronary artery disease, and the research community's desire to better understand how this condition progresses, high-resolution ultrasound for rodents has been developed.

Charles River Laboratories uses VisualSonic's Vevo 660 High Resolution *in vivo* Imaging System to perform transthoracic echocardiography, which assesses cardiac function. This system can measure vascular wall motion and thickness, peak blood velocity, and can quantify atherosclerotic plaque development. B-Mode allows the ultrasonographer to capture an image, in this case the aortic arch, and calculate the atherosclerotic plaque by measuring the height, length and surface area of the plaque. Cardiovascular function, wall thickness and chamber dimensions are measured via M-Mode capture. M-Mode capture can also provide detailed resolution for further identification of atherosclerotic plaques. Pulsed Wave Doppler Mode is utilized to quantify blood flow within the ascending aorta and branching arteries.

Ultrasound techniques are performed on live, unconscious animals so that the plaque development can be assessed at specified time points throughout a study. In addition, at the end of the study period, tissue collection and pathological evaluation can be performed to substantiate the findings of the ultrasound.

One method for characterizing the motor coordination and balance of a rodent model is via the rotarod. The rotarod is a round, revolving cylinder that utilizes the "fear of falling" instinct to measure an animal's ability to balance on the rotating rod without falling. The rotarod can be programmed for several protocols including accelerated and constant speed studies. Charles River uses both the San Diego Instruments Rotor-Rod System (mice and rats) and the Ugo Basile Rota-Rod (mice). The model of interest can be screened over several time points for latency to fall from the revolving cylinder. When the animal loses its balance and falls from the cylinder, a lever is depressed and the elapsed time and current speed is recorded. An initial training period is required to obtain accurate, reproducible results. As training progresses, the animal becomes able to maintain its balance longer and at higher velocities. Once a stable performance is achieved, testing will begin.

The rotarod is valuable in characterizing neurodegenerative disorders such as Huntington's disease. Beginning as early as four weeks of age (model dependent), the animals can be screened on a bi-weekly basis to determine the progression of hind limb paralysis. As the disease advances, the animal will be unable to maintain its balance and coordination and will fall from the cylinder earlier in the experiment. This assists the researchers with determining the age of onset of the disease, as well as tracking the progression over a given period of time.

For more information about Charles River Laboratories phenotyping capabilities, please call 1.877.CRIVER.1; askcrl@crl.com.

Career Opportunity

Senior Research Associate-Animal Veterinary Technologist National Cancer Institute

We are seeking a Senior Research Associate in the Molecular Imaging Program, National Cancer Institute, Bethesda, MD, to conduct animal imaging research. The position is on the Bethesda campus of NIH and has many exciting opportunities for personal development. The position is a contract position with SAIC and the web site for further information can be found at: <http://saic.ncifcrf.gov/details.asp?ID=2177>

The Molecular Imaging Program (MIP) is a multidisciplinary scientific team dedicated to the targeted imaging of cancer using magnetic resonance (MRI), optical, and radionuclide (PET, SPECT, gamma scintigraphy) imaging modalities. The position will be responsible for independently performing research and development under the review of a scientist in animal studies involving non-radioactive and radioactive agents. Tasks include successful animal (rodent) anesthesia and injections of imaging and therapy agents into animals (rodents) during imaging studies (MRI, optical, PET, gamma scintigraphy), autopsy studies, biodistribution studies (harvesting organs which have been radiolabeled), and injections of tumor cells into animals. Additional responsibilities are to assure compliance with ACUC guidelines and the humane care of animals, updating/writing animal protocols as needed, interfacing with AALAC inspections of the facility, and acting as the point of contact for the Laboratory Animal Sciences Program (LASP) of the NCI. The incumbent will independently operate imaging systems, will participate in scientific meetings and will assist in the preparation of scientific presentations and manuscripts. New assignments, program goals and objectives are reviewed with the laboratory supervisor and are carried out with little direct supervision. Exercises independent judgment in developing and modifying methods and techniques for solving problems. May be responsible for conducting complete projects of limited scope or portions of larger projects. Unusual matters or procedural problems are resolved in consultation with the senior supervisor.

Requirements:

Possession of a Bachelor's degree from an accredited college/university in a field related to biomedical research or 4 years related experience in lieu of degree. Foreign educated candidates who have completed part or all of their education outside of the United States must have their foreign education evaluated by an SAIC-approved accrediting organization to assure that it has met the equivalency of the qualifications of degree work in the United States. In addition to educational requirement, 7 years related experience in animal research involving anesthesia, injection, and dissection is required.

Desired Skills:

In-vivo imaging experience in MRI, PET, SPECT or gamma scintigraphy is desirable but not necessary.

**For more information about this opportunity contact: Peter Choyke
M.D. pchoyke@nih.gov**

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 2007

Issue

March/April

May/June

July/August

September/October

November/December

Deadline

February 15th

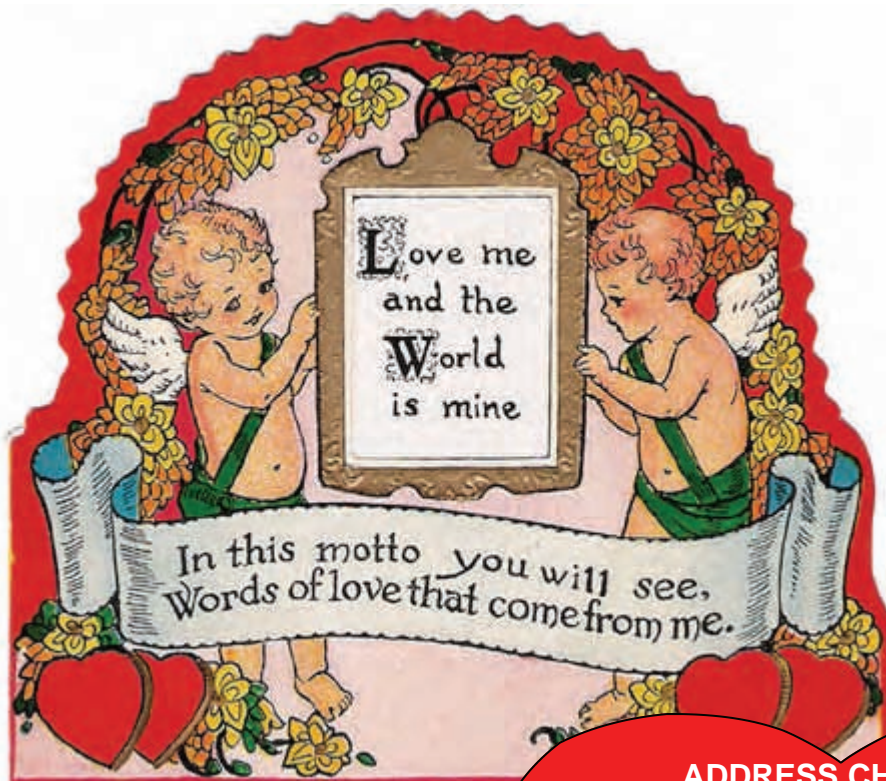
April 15th

June 15th

August 15th

October 15th

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



National Capital Area
Branch
American Association
for
Laboratory Animal
Science

ADDRESS CHANGES
OR FOR
REMOVAL FROM LIST
MAIL TO:

Christine McNickle
NCAB Membership
PO Box 464
Myersville, MD 21773