A Message from the President of ACLAM

Dear colleagues:

The Forum this year was one of our most successful, with over 200 Diplomates and additional non-Diplomates and Forum for Life attendees. The program was directed towards solutions for problems most of us encounter, with additional scientific sessions to remind us where we may be headed. Most visuals for the presentations are now on the ACLAM website. Special thanks to the Program Speakers and the Forum Committee—Joe Thulin, Bill White, Mike Kastello, Diana Scorpio, and John Bradfield; and to the Forum for Life Committee. Of course, Mel and Judy Balk provide the essential matrix that binds all together.

There were suggestions that some topics be included again in the next Forum in more depth than was possible this year.

Our Foster Award Winner this year is Patrick Lester; remind yourself to congratulate him.

The Board approved the nominations slate of Vice President: Gary Borkowski and Lucy Senter; Secretary-Treasurer: incumbent Tim Mandrell; and BoD members: Don Casebolt, Stuart Leland, Ann Schiavetta, and Lois Zitzow. Do remember to vote: early and once.

Reports from various committees at the BoD meeting are reminders of the essential value and importance of our committees and their “committed” members. The future composition and charge of the three Examination-related committees was a major and unresolved topic. Follow-on conference calls are planned to be able to present a plan(s) at AALAS to improve the current situation. The composition of the exam itself also requires scrutiny as we have new Blue Books and much new literature since the standards settings exercise was completed. It seems likely that the next exercise will be completed in the next 2-3 years. The “pipeline” for members of the College has been a central issue for a number of years. Until quite recently, we were not training and certifying enough new Diplomates to meet demand and replace retirees. However, it seems likely that the pipeline is full, or nearly so, and the coming challenge will be to better match training programs and trainees with current demand in numbers and training emphasis. Institutional Officials and other supervisors of Diplomates will be asked for information to better target our efforts in training and recruitment.

New federal agency policies and legislation are now progressing to limit costs for participation of federal employees in conferences. Some of the proposals could restrict the participation of our members in professional meetings. Please consider joining an information campaign if asked by our laboratory animal organizations.
When you have constructive ideas or questions on any of the topics above, please email me and I’ll try to answer or will refer to the proper source.

Cliff Roberts
Clifford.roberts@ucsf.edu
President, ACLAM

ACLAM Announcements
2012 Nomination Slate for Election

Vice President
• Gary Borkowski
• Lucy Senter

Secretary/Treasurer
• Tim Mandrell (Incumbent)

Board of Directors
• Don Casebolt
• Stuart Leland
• Ann Schiavetta
• Lois Zitzow

2011 Foster Award Winner

The Foster Award for Academic Excellence is presented to the new Diplomate(s) scoring the highest on the American College of Laboratory Animal Medicine certifying examination in the preceding year. Dr. Patrick Lester, University of Michigan, Ann Arbor, MI had the highest score on the exam given in 2011. The award was presented at the 2012 ACLAM Forum. We congratulate him on this academic achievement.

2011 ACLAM/ASLAP Salary Survey Results

The 2011 ACLAM/ASLAP Salary survey is complete. The purpose of these economic surveys is to assess the total annual professional income of laboratory animal veterinarians working in the United States, reflecting also the details and differences between different types of employment, job specifics and levels of experience and responsibility of professionals working in this field. It is repeated every three years under joint sponsorship of ACLAM and ASLAP. The results of this work have been used for a variety of purposes, including peer-comparisons of salary for recruitment and retention efforts by employers and for indirect indications of market place employment conditions of the laboratory animal veterinary medical specialty.

Overall, the average income from primary employment for laboratory animal veterinarians during the 2011 was $162,336, a rise of 6.1% from previous reporting period. Then the average overall income for 2008 was corrected for inflation to 2011 constant dollars ($159,887) using the U.S. Bureau of Labor Statistics Site, 4 average income rose by 1.5% between 2008 and 2011. Secondary income, principally from professional consulting sources was
reported by 172 respondents, and averaged $17,154 during 2011 (range $400 to $202,960), compared to $19,200 during 2008 (range $50 to $250,000), a drop of 10.7% (14.5% inflation—adjusted) since the last survey. The average hourly rate for secondary income was $270 for ACLAM Diplomates and $148 for non-ACLAM Diplomates. During the period for December 2008 to December 2011, the Consumer Price Index for all urban consumers rose 7.3%.

The entire survey results may be found on the Members Only section of the ACLAM Website.

**NEW ACLAM Blue Books: Nonhuman Primates in Biomedical Research**

*Edited by Christian R. Abee, Keith Mansfield, Suzette Tardif and Timothy Morris*


The newest member of the ACLAM Blue Book series, *Nonhuman Primates in Biomedical Research* was published in April. This comprehensive and up-to-date resource reflects the contributions of two dozen ACLAM Diplomates as well as those of other international primatology experts. In addition, 16 Diplomates served as reviewers. The publication is divided into two volumes, entitled “Biology and Management” and “Diseases” respectively. The initial two chapters describing the history of the use of nonhuman primates in biomedical research and laws, regulations and policies affecting the care and use of these species compare and contrast information from international sources.

*Nonhuman Primates in Biomedical Research* focuses primarily on the most common species used in biomedical research. Of the Old World monkeys, *Macaca, Papio* and *Chlorocebus* are highlighted while the New World species, *Callithrix, Sanguinus, Saimiri* and *Aotis* are addressed in greater detail. The great apes and other species are also discussed as appropriate throughout the text. Extensive information about infectious disease, with emphasis on viral and parasitic agents unique to individual species as well as their zoonotic implication and occupational health considerations is presented. Separate chapters are devoted to nonhuman primate models of tuberculosis, malaria, diabetes/obesity, atherosclerosis, xenotransplantation and nonhuman primate facilitated research into addiction and motor/cognitive function. State-of-the-art information and strategies for enrichment and enhancement of psychological well-being are presented along with a discussion of ethical concerns associated with the use of these species.

This publication is an essential resource for facilities housing nonhuman primates and represents a significant achievement for all of the Diplomates involved in its creation and for the College as a whole.

*Reviewed by Nanette Kleinman*

**Newsletter Policy**

The Newsletter is published 4X per year:
- March: Pre Forum
- June: Pre AVMA
- Sep: Pre AALAS
- Dec: Post AALAS and Pre Pre Forum

[http://www.aclam.org](http://www.aclam.org)
The readers of the ACLAM Newsletter are veterinarians board certified in laboratory animal medicine. If the ad for a veterinary position requiring board certification in this specialty, the Newsletter is an appropriate place to advertise. Ad content should be submitted within the body of a plain text email or as a MS Word attachment and formatted into the following sections:

• Job Title (short position title)
• Applications (how applicants are to apply)
• Position (100-150 word description of the position)
• Requirements (qualifications, etc.)
• Employer Information (additional information about the employer (EEO etc.))

Please also include a contact name and address for billing purposes. You will be billed after the publication date of the Newsletter. The deadline for submission is two weeks prior to the publication date. The ad will be posted on the ACLAM website at http://www.aclam.org/jobs for approximately 90 days within a few days of submission.

The Position segment of each ad will appear in the ACLAM Newsletter referring the reader to the ACLAM website for the full text of the ad.

The cost to place an ad in the NL and post it on the ACLAM Website for 3 months will be $500 for For profit Companies and $250 for non-for profits such as Universities and the Government. There is no charge for posting ads for educational/training positions.

Position announcements will remain on the web for 3 months. If an organization wishes to extend the posting for an additional 3 months, it will be charged a second fee.

The rate for ACLAM mailing labels is:
- $1,000 for profits (a cost of $1.60 per targeted name)
- $500 for Not for Profits (the same as ASLAP’s new rate), a cost of $0.80 per targeted name.

Foundation News

ACLAM Foundation Report

Foundation Mission
The Mission of the Foundation is to award high quality research grants that will increase the body of knowledge in laboratory animal science and medicine.

Grant Review
First I would like to thank all of the reviewers for participating this year. A special level of thanks goes to our full proposal subcommittee chairs, John Hasenau, George Langan, Mark Whary, and Joe Newsome for their leadership. The ACLAM Foundation received 24 full proposals for review. Review of the full proposals was performed by subcommittees during March and April. Based on the subcommittee’s recommendations and final evaluation 4 proposals were selected for funding at the Forum. The 4 proposals recommended for funding are:
1. **John Norton**, Duke University $16,120
   “Physiological effects of vibration in mice and rats”
   This proposal has 5 specific aims examining the effects of construction, chronic vibration, and determination of which vibration frequencies have the greatest impact on rodents.

2. **Chris Janssen**, University of Pittsburgh $5,015
   “Is atipamezole better than yohimbine for reversal of xylazine in male C57BL/6 mice anesthetized with ketamine/xylazine?”
   The investigator will examine the above question in 18 male mice.

3. **David Katz**, Georgia State University $30,000
   “Searching for B virus-specific epitopes using monoclonal antibodies and phage random peptide libraries”
   The investigators hypothesize that counterpart specific epitopes on the B virus isolates from cynomolgus and pigtail macaques can be identified by monoclonal antibodies and epitope mapping.

4. **Gregory Wilkerson**, University of Texas, MD Anderson Cancer Center $25,111
   “Metagenomic evaluation of the enteric bacterial populations in rhesus macaques affected chronic enterocolitis and the effectiveness of fecal bacteriotherapy at resolving clinical manifestations and/or altering the microbiome”
   Enterocolitis is a common morbidity in rhesus macaques. This proposal examines the microbiome of the intestinal tract and proposes fecal bacteriotherapy for treatment of enterocolitis.

Those grants not selected for funding were excellent in quality and we are hopeful with the modifications recommended by the review committee that many of them can be sent in next year for potential funding.

**Forum Fund Raising Update**
The Forum was a great success this year for the Foundation. We held both a silent and live auction as well as a raffle this year. With great efforts given by many we had resounding success raising over $17,000! There are so many accolades to be given and the loudest must go to **Shannon Stutler** and **Jack Kinkler** for their leadership and endless support of the all of the Foundations activities at the Forum. We would also like to thank **Angela King-Herbert** for starting off the raffle for us, **Fran Doepel**, **Doug Cohn** and **Shoreh Miller** for getting the auction booth set up, broken down and moved, **Chris Abee** and **Shannon Stutler** for substantial donations to the silent auction, and the generous donations of resort vacation opportunities for the live auction by **Brian Ermeling**, Shannon and **Jerry Shapiro** of Pharmacal. We would also like to thank our **Golf Sponsors: Techniplast, Purina: Land of Lakes, Allentown, Applied Instruments, Newco Animal Nutrition Specialists, and Purina**. The winning team for the golf outing was **William and Jana Cole** and **Eric Boehm**.

Breakdown of the fundraising was $4800 from the live auction, $2000 from the silent auction, $7200 from the raffle and $3000 from the golf outing. Thank you to everyone who supported the Foundation through purchase of raffle tickets, by bidding in the auctions, or playing golf. The winners of the raffle were:
The grand prize of an Apple I-Pad
Second prize of $400.00 cash
Third prize of $300.00 cash
Fourth prize of $200.00 cash
Fifth prize of $100.00 cash

Won by Shannon Stutler
Won by Tim Mandrell
Won by Mike Kastello
Won by Jim Levin
Won by Dorothy Shalev

Special thanks go to Mike Kastello and Dorothy Shalev for donating their raffle winnings back to the Foundation.

Once again we are very thankful to all of the donors, bidders, volunteers, and congratulations to all of the winners.

If you were unable to attend the Forum please consider making a contribution this month. Your contributions will ensure the Foundation is able to fund as many meritorious grants as possible. If applicable, kindly remember to request any matching donations from your employer. Please send your donation to our Development Officer, Jack Kinkler at:

ACLAM Foundation
20 MacKinnon Place
East Lyme, CT 06333

Should you have any questions regarding donations email Jack at jkinkler@gmail.com.

Forum Poster Session
We had an excellent poster session this year at the Forum. Twenty-six posters were presented, another new record for the Forum. A variety of topics were on display including 12 posters of our Foundation Grant recipients. The total number of presentations made by our Foundation funded investigators is now 126. A big thank you goes out to all of our presenters and to Jeanne Wallace for overseeing the poster session.

Presidents Circle Members
We added 3 new Presidents Circle Members at the Forum. The PCM contributors commit to supporting the Foundation by giving $5000 over a 10 year period. Thank you to our newest members: Kari Koszdin, Jeanne Wallace, and Lois Zitzow. If you would like to join 154 of your colleagues in the PCM we encourage you to make a pledge. Remember the pledge is less than $10/week and will go a long way to continuing the success of the ACLAM Foundation!

If you have any questions about the Foundation or wish to assist with grant review or fund raising please contact me. I am always open to new ideas and especially additional help!

Greg Boivin
Chair & Scientific Director
ACLAM Foundation
**Educational Opportunities**

**Intern in Laboratory Animal Medicine, with Emphasis in Infectious Disease**

*University of Georgia (UGA), Athens, GA*

Salary: Negotiable  
Date Available: July 1, 2012

This is a temporary full-time position for a veterinarian to provide professional support to a growing infectious disease research program. The veterinarian in this position will participate intimately in animal-based research with species ranging from mice to ferrets to horses. Much of this work will be conducted in an ABSL-3 environment or ABSL-2 with ABSL-3 practices. There will be a significant time commitment specifically to a rabies research program. There will be some clinical duties in conventional research animal colonies as well as occasional special projects and research protocol trouble-shooting.

Key Responsibilities:

- Conducting infectious disease research
- Performing clinical rounds in research animal colonies
- Executing special projects, such as writing and reviewing SOPs, pre-review of Animal Use Protocols, participating in IACUC inspections, consulting with researchers on developing research protocols.

For More Information: Dr Leanne Alworth. alworth@uga.edu; 706-542-6084

---

**Open Positions**

**Clinical Veterinarian, Division of Laboratory Animal Resources**

*University of Kentucky, Lexington, UK*

The University of Kentucky’s Division of Laboratory Animal Resources is seeking a well qualified individual to fill the position of Lab Animal Veterinarian Senior. Qualified applicants must have a DVM/VMD degree from an accredited College of Veterinary Medicine and be eligible for Kentucky State Veterinary licensing. Preference will be given to those applicants who have formal training in laboratory animal medicine and ACLAM board certification or eligibility.

The selected candidate will work with the Assistant Directors in providing animal medical care, pathology submissions, maintaining programs in preventive medicine, research support and consultation, IACUC protocol review, animal health surveillance, colony management, and weekend/holiday on-call rotation. He/She will also assist in mentoring veterinary technician trainees and assist the Training coordinator in training of research and DLAR staff in surgical and research techniques.

To apply for this position a UK Employment Application must be submitted at [https://ukjobs.uky.edu](https://ukjobs.uky.edu) by the deadline of 4/20/12. Search for requisition number SM540234 keyword Veterinarian.
Faculty veterinarian, Unit for Laboratory Animal medicine
University of Michigan Medical School, Ann Arbor, MI

The Unit for Laboratory Animal Medicine (ULAM), University of Michigan Medical School (UMMS), has an open faculty position for an academically oriented clinical veterinarian. Duties include coordination of clinical veterinary programs, review of animal use applications, teaching veterinary residents in the clinical training program, and participation in collaborative research efforts with University faculty. The successful candidate must have excellent communication and interpersonal skills.

The current ULAM faculty consists of fifteen members. Together they conduct a vigorous clinical, educational, research and service program that extends campus-wide. Areas of research emphasis within the Unit include host-pathogen interactions (microbial pathogenesis and host response to infection), venous endothelial dysfunction, and clinical laboratory animal medicine and science. Additionally, ULAM has a long history of training veterinary residents in laboratory animal medicine and biomedical research. ULAM has been a training leader in laboratory animal medicine and comparative medical research since 1962, and has trained a significant portion of ACLAM Diplomates.

For additional information email Terry Fracala at fracalat@umich.edu

Research Clinical Veterinarian
Boston University, Boston, MA

Position Description: Provides clinical oversight/support research animal care and use in bio-containments, with concentration on rodents and non-human primates. Responsibilities include providing diagnostic and clinical care for a variety of species, technical guidance and technique training to researchers and NEIDL staff. Provide general assistance in support of biomedical research for the Boston University Laboratory Animal Science Program. Assist IACUC in ensuring that research activities are in compliance with federal, state and local regulatory policies, laws and regulations that are relevant to animal care and welfare. Provide oversight of conditioning of animals in a conventional environment for assignment in the bio-containment facility. Provide guidance and direction to all Animal Core Staff in all animal health related situations.

Applications: All applicants should complete an online application (www.bu.edu/hr/jobs).

Director of Comparative Medicine/Attending Veterinarian
Scott & White Healthcare, Temple, TX

Scott & White Healthcare, (www.sw.org), is a nationally recognized physician led, non-profit academic health system, and is the primary clinical teaching facility at Texas A&M Health Science Center College of Medicine.

The Director/Attending Veterinarian will be responsible for clinical medicine and surgery within the animal facilities, animal health monitoring, animal colony management, animal model and project design, personnel, budget, facility and resource management, teaching and education, protocol development and research design, public speaking, and writing.
The successful candidate will work collaboratively with the Chairmen of the IACUCs at S&W, TAMHSC-COM and CTVHCS (all of which the Director is a member), the three Institutional Biosafety Committees (all of which the Director is a member), the Directors of Occupational Health, the Temple Campus Principal Investigators Committee, Shared Resources and other staff. This leader will be expected to actively support the institution’s mission and participate in long range strategic planning.

Please contact Amy Clifford at TowerHunter Executive Search at 602-652-8615. You may email your CV to Amy at aclifford@towerhunter.com.

**Associate Director - Office of Animal Resources, Req. # 60644**

*The University of Iowa, Iowa City, IA*

The University of Iowa Office of the Vice President for Research seeks a highly motivated professional to support and collaborate with the Director to plan and direct the administrative and operational activities of the Office of Animal Resources. Responsible for the clinical veterinary care of research animals; development and management of veterinary care and husbandry programs; and development and management of programs to ensure compliance with accrediting and regulatory organizations.

For information about the Office of Animal Resources, please visit our web site http://animal.research.uiowa.edu/

Applicants should submit their application through Jobs@UIOWA http://jobs.uiowa.edu/ Requisition # 60644.
President Cliff Roberts called the meeting to order at 5:05 pm.

**Tim Mandrell: Secretary Treasurer’s report**
The College continues to do well financially with investments held by Smith Barney valued at $891,081 for ACLAM and $901,625 for the Foundation. Earnings in the Smith Barney account are strong. We now have two money market accounts having opened a new account with Live Oak Bank in December with a $100,000 transfer from the Vanguard money market account. The Vanguard account is valued at $317,859. This is the working account that pays the Foundation grants. Note that $200,000 in this account is earmarked for the performance standard RFP. The Live Oak Bank account’s present value is $100,473. The approved budget for this year is on target and this includes a mandatory transfer from the Smith Barney account. Note that we have received royalties from Academic Press and expect additional revenue as new books are released.

**Mel Balk: Executive Director’s Report**
ACLAM membership totals 1001. There are 823 active Diplomates, 161 retired Diplomates and 17 honorary Diplomates. One retiree passed away in early 2012. Nine Diplomates have requested retired status, and this is fewer retirees than in previous years. There are 106 candidates eligible for exam, about 95 will take the exam this year: 63 first time, 26 for the second time, and 15 for the third time. The submission and recording of continuing education credits one line went live in March 2012 and appears to be working well. Around 60% of members pay dues on line, 50% pay for the Forum on line. The joint ACLAM/ASLAP salary survey is available on the ACLAM web site. 2012 elections will be conducted on line in mid August.

The 2nd edition of the two volume NHP blue book is now available. The books have 1800 pages, all photos are in color. The 50 year history of ACLAM is also on the web site as well as a new brochure on the history of ACLAM.

Chris Abee, one of the editors of the new Nonhuman Primate book reported an errata in volume 2 of the new text as the reviewers were not listed. The errata will be published. Electronic versions of both volumes of the books are now available.

President Cliff Roberts recognized first time Forum attendees.

Joe Thulin, Forum program chair gave an introduction to the Forum program. Many presentations will be available on ACLAM web site.

**Nominations Committee Report**
Past President Ravi Tolwani, Chair of the Nominations Committee announced nominations for the upcoming election:

- Vice President: Gary Borkowski and Lucy Senter
- Secretary-Treasurer: Tim Mandrell
- Board of Directors: Don Casebolt, Stuart Leland, Ann Schiavetta, Lois Zitzow
**REOC Report:**
Claire Hankenson, BOD member and liaison to REOC reported on REOC efforts. One of the strategic objectives for the next 5 years is to collect data and assess the market demand for ACLAM veterinarians. REOC has proposed a survey to stakeholders, but is deliberating on who are the most appropriate stakeholders for surveying. There is concern that a survey of Institutional Officials would possibly be sent down to attending veterinarians and not represent the views of IOs and other top administrators. REOC is proposing that we first conduct an internal survey of the College to identify unmet needs on training, skills, etc. From that survey results, members would be identified who would be willing to contact their IO to query them about participating in the survey. Before we embark on this, we need to make sure we’re asking the right questions and to the right people. Claire asked how the membership feels about an internal survey and the response was positive. When asked if members would recommend their boss to participate in the survey, there was a good response.

A comment from audience: A good target would be the person who is actually doing the hiring for LAV positions. That may be a senior LAV rather than an IO or administrator.

Claire asked the audience the following questions:
1. How many would answer a short survey about their IO? There was a moderate response.
2. How many would complete a survey about your own opinion of needs for hiring? There was a good response.
3. How many are confident your IO would serve in a focus group? There was a moderate response

Based on the response, REOC will likely pursue a focus group. Please see Claire if you have ideas or questions on survey.

**Foundation Report:**
Greg Boivin and Jack Kinkler reported for the Foundation. There will be a live auction on Tuesday night in addition to the raffle. The Foundation will fund 5 grants this year. Shannon Stutler reminded everyone of the silent auction. The items will be available for viewing during the meeting.

It was announced the 2013 Forum will be held Williamsburg, VA and the 2014 in Coeur d’Alene, Idaho.

The meeting adjourned at 5:35 pm.

Respectfully submitted by Tim Mandrell

---

To ensure that your personal and contact information with ACLAM remains current, don’t forget to update your personal information via the Personal Info Update Form on the ACLAM website at [http://www.aclam.org/form_personal_infoQuaskHTML](http://www.aclam.org/form_personal_infoQuaskHTML)
OZONA - Jack Stanton, 80, died Tuesday, March 13, 2012, in San Angelo. Graveside service was at 2 p.m. Friday in Moon Cemetery in Breckenridge. Arrangements are by Preddy Funeral Home.