Dear Colleagues:

The first quarter of 2007 is approaching its end and the BOD, as well as all of the ACLAM committees, have been hard at work. We continue to strengthen the certification process and to make needed changes in that process in accordance with our exam consultant’s recommendations. Members of the College have participated in the American Board of Veterinary Specialties Workshop on certification processes that was designed to unify and strengthen certification processes of AVMA Specialty Boards. It is clear that with recent modifications to its certification process, ACLAM is operating in accordance with the new directions being taken by the AVBS.

The Certification Oversight Committee continues in its leadership role to monitor all aspects of this process to assure that it is fair and balanced and continues to be refined. The Examination Committee is well on its way to completing this year’s examination, and the Credentials Committee has approved a large number of candidates to sit for the examination. The Exam Resources Committee has been very active in providing materials to the Examination Committee. Their contributions will continue to make a significant impact on the examination. As has been discussed at previous business meetings, the examination review process has changed with the increased reuse of questions whose performance has been well-studied and certified. While this has caused concern on the part of some Diplomates, steps are being taken to provide information in greater detail on the content and structure of the examination to Diplomates and candidates without directly revealing questions utilized in the exam. This should help to give a better understanding to those who are concern with the content of the examination and provide a sound basis for understanding what is to be expected in terms of knowledge base and emphasis to successfully achieve Diplomate status.

The certification process is only one of the three missions that I outlined for the College in my previous message. The second, and equally important, is the recruitment and preparation of candidates for Board Certification as well as the continuing education of Diplomates. As with the certification process, communication between committees with similar or dependent charges is absolutely essential. There has been an increase of communication between the chairs, as well as key members of these committees, in order to coordinate approaches and resources.

Key to this mission are measures of success of programs undertaken by the
College. The College only has limited resources to fund all of its activities, and these resources must be used in a way that maximizes their impact on the pipeline of those seeking Diplomate status. This is why an unbiased look at the performance of the programs that we have undertaken as a College is essential. Each year we undertake sponsorship of students for summer externships, participate in symposiums designed to recruit individuals into the field, advertise the benefits of entering laboratory animal medicine, and sponsor programs to assist candidates in preparing for certification. The question remains, have these efforts substantially impacted the pipeline of new Diplomates? If not, how might they be changed to improve the flow and what other approaches can be taken?

There are nearly 40 recognized training programs in laboratory animal medicine. Some are relatively new while others have been in place for very long periods of time. Each has slightly different approaches, and some are more successful than others in preparing candidates to acquire Diplomate status. The question remains, however, can these programs learn from each other; and is there anything ACLAM can do to assist them in the training process? I have charged the appropriate committees with exploring these issues, and I would encourage Diplomates to provide input to the committees to help them in this process.

The third area of focus for the College is the expansion of our role as the competent authority on laboratory animal medicine and by extension laboratory animal science. Over the last several months, there has been substantial progress in this area through our membership in the International Association of Colleges of Laboratory Animal Medicine (IACLAM). International bodies such as the OIE and the World Veterinary Association have recognized IACLAM and by extension ACLAM for its expertise, and there are continuing discussions on how we might best participate in their ongoing programs. In my view, it is critical to the future of ACLAM that we undertake the necessary introspective processes to clearly define our membership in terms of demographics and expertise as well as come together at meetings such as the Forum and through other mechanisms to develop well thought out positions on the care and use of laboratory animals. This will require a balancing of practical and theoretical considerations and the development of a working framework for interpretation and evaluation of data on a variety of subjects that have traditionally been covered in regulatory and guidance documents. ACLAM has the unique opportunity to take a leadership role in focusing the evolving discussions on guidance and regulations governing animal welfare in the biomedical research setting which we need to prepare for and engage in. We will begin this process at some of the sessions at this year’s Forum which by all indications should be an outstanding opportunity to interact with each other in a very stimulating program. I look forward to seeing all of you at the Forum.

Best regards,

Bill White
ACLAM Announcements

First Annual Charles Louis Davis, D.V.M. Foundation Symposium on Diagnostic Pathology of Laboratory Animal and Exotic Species

The C.L. Davis Foundation is conducting a one day seminar immediately preceding the 2007 ACLAM Forum at the Loews Ventana Canyon resort on Saturday May 5, that will allow you to obtain additional CE credits in Laboratory Animal Pathology. Registration and scheduling are being done directly with CL Davis. More information can be found on the ACLAM Website-www.aclam.org and at the end of this Newsletter.

Funds Available for Campaign Materials

The ACLAM Board is pleased to announce that it has targeted funds for Diplomates interested in running for elected positions on the AVMA Council. This decision is one of six actions approved by the ACLAM Board of Directors for the purpose of enhancing ties with the AVMA, of which ACLAM is a recognized speciality. For this initiative, up to $500 a year for the next three years will be provided to help Diplomates who are running for an elected position on the AVMA council pay for campaign materials. Interested parties should contact Dr. Mel Balk, Executive Director, ACLAM.

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

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 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 not-for-profits such as Universities and the Government.

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.

**ACLAMers on the Rise**

**B. Taylor Bennett Appointment at NABR**

The National Association for Biomedical Research has appointed B. Taylor Bennett, D.V.M., Ph.D. to the position of Senior Scientific Advisor. “Taylor has dedicated his career to improving the quality of care provided to laboratory animals. We are honored to benefit from his extensive knowledge and experience,” said Frankie Trull, president of the NABR. Dr. Bennett previously served as the Associate Vice Chancellor for Research Resources and the Director of the Biologic Resources Laboratory (BRL) at the University of Illinois at Chicago (UIC). Dr. Bennett’s email address at NABR is tbennett@nabr.org.

**Dr. Patricia Brown Named OLAW Director**

Dr. Norka Ruiz Bravo has announced Dr. Patricia (Pat) Brown’s appointment as the new director of the Office for Laboratory Animal Welfare (OLAW) in the Office of Extramural Research. Dr. Brown received her B.Sc. degree in Animal Science (1974) from Pennsylvania State University and her veterinary degree (1978) from the University of Pennsylvania. She served in the U.S. Air Force for eight years, and while on active duty earned a M.Sc. in Laboratory Animal Medicine from the M.S. Hershey Medical Center, Pennsylvania State University, Hershey, PA. She joined the U.S. Public Health Service in 1986 and has served in a variety of positions at the National Institutes of Health (NIH) within the Veterinary Resources Branch, the National Cancer Institute and the Office of Animal Care and Use. In 2001, she became the Deputy Director in the Office of Animal Care and Use, Office of Intramural Research, Office of the Director, NIH. She has served as Acting Director, OLAW since July 2006. Dr. Brown is a Diplomate of the American College of Laboratory Animal Medicine (ACLAM), has served on the Board of Directors of ACLAM, is a past president of the American Society of Laboratory Animal Practitioners (ASLAP) and has served on the Board of Trustees of the Association for Assessment and Accreditation of Laboratory Animal Care International representing ASLAP.
Hot Topics
Methicillin (Oxacillin) Resistant Staphylococcus aureus
Submitted by Patrick Hanley, DVM

Antibiotic resistance is a worldwide problem both in veterinary and human medicine. Within the large category of resistant organisms, methicillin (oxacillin) resistant Staphylococcus aureus (MRSA) has garnered a large portion of attention. MRSA has been well described as a major issue within human intensive care units throughout the world. At first localized to tertiary centers of healthcare, there has been an increased incidence of MRSA infection in the community. This type of infection, termed community-associated MRSA, is becoming more common and has different molecular features in comparison to its nosocomial relative. Most notably is the presence of a specific gene Panton-Valentine leukocidin (PVL).

Veterinary medicine has recently become more interested in the possibility of human-animal spread of this type of infection. A recent editorial in the Journal of Veterinary Internal Medicine described the ongoing necessity for appropriate use of antimicrobials.

Listed below is a representative but not completely inclusive list of current literature regarding MRSA infection in veterinary medicine.

<table>
<thead>
<tr>
<th>Study Authors</th>
<th>Location</th>
<th>Time Period</th>
<th>Species Affected</th>
<th>Humans involved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baptiste et al</td>
<td>UK</td>
<td>Feb – Mar 2004</td>
<td>Canine</td>
<td>Yes</td>
</tr>
<tr>
<td>Loeffler et al</td>
<td>UK</td>
<td>2005</td>
<td>Canine</td>
<td>Yes</td>
</tr>
<tr>
<td>Manian</td>
<td>St. Louis</td>
<td>Jan 2001</td>
<td>Canine</td>
<td>Yes</td>
</tr>
<tr>
<td>Morris et al</td>
<td>Pennsylvania</td>
<td>Sept 2002-Aug 2005</td>
<td>Feline</td>
<td>Unknown</td>
</tr>
<tr>
<td>Pak et al.</td>
<td>Korea</td>
<td>Apr – Oct 1998</td>
<td>Canine</td>
<td>Unknown</td>
</tr>
<tr>
<td>Rankin et al</td>
<td>Pennsylvania</td>
<td>Unknown</td>
<td>Canine, Feline, Avian</td>
<td>Unknown</td>
</tr>
<tr>
<td>Van Duijkeren</td>
<td>Netherlands</td>
<td>1993-2002</td>
<td>Canine</td>
<td>Yes</td>
</tr>
<tr>
<td>Weese et al</td>
<td>Ontario</td>
<td>Feb 2004</td>
<td>Equine</td>
<td>Yes</td>
</tr>
</tbody>
</table>

It should be noted that there seems to be an increase in reporting within the last five years in companion animals and equids. Transmission is believed to
be human to animal or as one article describes it, “the potential for reverse-zoonotic transmission”\(^5\). In the article by Seguin et. al, the authors noted that identical isolates were cultured from the animals in question and also veterinary personnel\(^18\). Weese et al. in one article describes passage of an organism from one animal to another through the mediator of a veterinary technician. Also within this case series, the author describes the possibility of the pet being a MRSA reservoir for reinfection of susceptible humans\(^9\). There have also been reports of carriage of MRSA by a pet therapy dog\(^4\). This is especially troubling due to the health concerns at facilities that use therapy dogs. There has been some passive surveillance of MRSA infection in companion animals which has indicated that the overall prevalence is quite low in the normal companion animal community. In one surveillance paper that studied 70 S. aureus isolates from seven veterinary schools, it was noted that the majority of infected animals were either canine or equine. In addition, the article noted that only 13% of the isolates were actually methacillin (oxacillin) resistant. The authors did conclude (in agreement with a review by Duquette and Nuttall\(^14\)) that although “the risk to human health from animal MRSA infections is small that monitoring for MRSA in therapy animals and pets of immunocompromised individuals is indicated”\(^7\). In a prevalence study in the UK by Loeffler et al, it was noted that veterinary personnel had a higher carriage of MRSA than the overall healthy UK population\(^2\). Lastly there is new evidence in regards to the presence of the PVL gene within strains of S. aureus found in animals\(^16\).

What does it all mean?

At this time, further studies are necessary to determine the true colonization prevalence of methicillin-resistant Staphylococcus aureus within the companion animal population. The increase in reported cases is most likely a multi-factorial phenomenon including better reporting from veterinarians with more diligence in culturing, increased numbers of invasive procedures in veterinary medicine thereby mirroring the intensive care unit situation in humans, increased carriage within the animal and human community, and/or continued inappropriate use of antimicrobials. As the cases continue to emerge, it will be necessary for the veterinary community to further research this pathogen.

PS One area that has been grossly ignored is the laboratory animal community. Due to the proximity of many facilities to hospitals, it would seem likely that there may be some contamination of colonies with MRSA.

References:


4. DA Enoch et al. MRSA carriage in a pet therapy dog, Journal of Hosp


Open Positions

Associate Scientist/Senior Associate Scientist

This full-time position will be located at Esperion Therapeutics, a Pfizer Inc. company located in Plymouth MI, working on novel therapies for cardiovascular disease. Candidate will be responsible for monitoring and coordinating in vivo studies in a matrix environment, perform husbandry duties as needed (must be able to lift 50 lbs.), collect biological samples and process samples in conjunction with a clinical laboratory. Entering and organizing study data with appropriate computer skills are critical aspects of the position. Qualified candidate will also be required to administer test agents by various routes, perform clinical observations and necropsy procedures. Routine facility and equipment maintenance will be required. Depending on the candidate qualifications, some laboratory management and study scheduling may be part of the position. The ability to train in vivo techniques to small groups is highly preferred.

Pathologist, Comparative Pathology

The Pathology Department, College of Veterinary Medicine, The University of Georgia has an opening for an anatomic pathologist with experience in laboratory animal pathology. The academic appointment and salary will be commensurate with professional experience and qualifications. Applicants should possess the DVM or VMD degree. Board certification or eligibility in the American College of Veterinary Pathologists is preferred and a PhD degree is preferred. The responsibilities of the successful candidate will be to provide diagnostic support services for university research faculty and the AAALAC accredited laboratory animal care program, to develop instructional components for the laboratory animal and pathology programs, and to train residents in laboratory animal pathology. Opportunities are available for consultations and collaborative research with campus researchers in areas such as developmental biology, genetics, toxicology, neurosciences, infectious diseases, and oncology.

Veterinarian

The Southwest National Primate Research Center (SNPRC), located at the Southwest Foundation for Biomedical Research (SFBR) in San Antonio, Texas, invites applications from entry level or experienced primate veterinarians. The successful candidate will provide clinical support of approximately 5,700 nonhuman primates, surgical support, and support of investigators in biomedical research. He or she may provide assistance in regulatory affairs, assistance in grant writing and preparation, and teaching of professional and nonprofessional staff. Applicants must possess a DVM/VMD degree from AVMA accredited university, a valid license to practice in the U.S., and USDA accreditation. A Master’s degree in laboratory animal medicine and/or residency in laboratory animal medicine and Board certification in Laboratory Animal Medicine are preferred. Experience in high containment laboratories and supervisory experience are preferred.
Associate Veterinarian and Clinical Veterinarian
Yerkes National Primate Center

The Yerkes National Primate Research Center of Emory University in Atlanta, Georgia has an immediate faculty opening for a Clinical Veterinarian, with a background and interest in laboratory animal medicine. The opportunity for an academic appointment at Emory University’s School of Medicine is available to qualified applicants. The successful candidate will join a team of six veterinarians in the Yerkes Division of Animal Resources, which is responsible for the care and well being of a large diverse population of nonhuman primates and small collection of rodents. YNPRC is a major biomedical research institution that is rapidly expanding, with its main facilities at Emory, and a 117 acre field station at Lawrenceville.

Veterinarian

At Saint Joseph’s Hospital, we’re recognized as one of the leading acute-care, specialty referral hospitals in the Southeast. Our Research Institute is known as a leader in the field of translational research, engaging in programs that translate the best of science and technology into improved, practical care for cardiac and vascular patients from the Atlanta, GA community. Translational biomedical research promises to turn new medical discoveries into tangible cures and Saint Joseph’s Research Institute is at the forefront of this new paradigm!

Doctor of Veterinary Medicine (DVM) degree from accredited four-year college or university or equivalent; appropriate state and federal certifications required. Must have 2-4 years’ experience with medium size animal (e.g. swine); surgical and cardiovascular experience preferred.

Sr. Principal Scientist (DVM)
Pfizer, Groton, CT

Responsible for execution of the Program of Veterinary Care in Groton WWCM (Worldwide Comparative Medicine). In this role, the individual will be responsible for delivering high quality veterinary care to diverse species of research animals in support of Pfizer’s portfolio. Additionally, will develop novel approaches to promote animal well-being and care, while preserving study endpoints.

Reports to the Director of Laboratory Animal Medicine and Surgery (LAMS). Will be expected to introduce new approaches, strategies and/or methodologies that improve productivity and regulatory outcomes. Will need to be able to engage other disciplines and subject matter experts for solving complex issues.

Collaborates with TA partners on animal model development/refinement within area of platform competency (e.g. cardiology, neurology, ophthalmology). Presents original work externally in venues relevant to area of expertise (e.g. AALAS, ACLAM, other scientific organizations).
**Director, Laboratory Animal Care Facility**

The [University of Illinois College of Medicine at Peoria](http://www.uicomp.edu) seeks an academically oriented laboratory animal veterinarian with expertise in overseeing a laboratory animal care program including murine colony health monitoring and maintenance, targeted mutagenesis models, anesthesia and perioperative care, surgical models, and other specialized aspects of laboratory animal care. Appointment will be at the Assistant or Associate Professor level commensurate with experience of the applicant. The major criteria for appointment shall be excellence in the overall mix of clinical care, teaching, research and scholarly activity that advances clinical medicine and institutional service. The successful candidate should have a demonstrated current record of research funding and/or demonstrated high potential to secure funding. Collaborative research opportunities at UICOMP include cancer biology, neuroscience, Alzheimer’s disease genetics, therapeutic uses of stem cells, molecular biology, etc.

**Study Director**

[Alpha Genesis, Inc.](http://www.alphagenesisinc.com) (AGI) is an AAALAC accredited breeding and research facility. A Study Director is needed for our main facility in [Yemassee, South Carolina](http://www.yemassee.com). The Study Director will serve as the director of Toxicology and research and have the overall responsibility for the technical conduct of a study as well as for the interpretation, analysis, documentation, and reporting of results. The Study Director will be required to establish a Contract Research Organization (CRO) study program. Individual will work alongside staff veterinarians, veterinary and animal care technicians, and research associates, as well as provide oversight and leadership for contract research personnel. Good written and oral communication skills are needed as the Study Director will be required to participate in client services and communications, review and draft standard operating procedures and protocol development.

**Director of Veterinary Medicine**

[Alpha Genesis, Inc.](http://www.alphagenesisinc.com) (AGI) is an AAALAC accredited breeding and research facility. AGI maintains three large facilities in South Carolina to include more than 5,000 primates. A Director of Veterinary Medicine is needed for our main facility in [Yemassee, South Carolina](http://www.yemassee.com). The Director of Veterinary Medicine will provide oversight and leadership for veterinary, animal care, and research personnel as well as participate in client services and communications, review and draft standard veterinary operating procedures, and review grant and contract applications. The Director of Veterinary Medicine provides veterinary health care and advice regarding the care and maintenance of nonhuman primates and training for animal care and veterinary personnel. This individual is responsible for ensuring compliance with the Animal Welfare Act and AAALAC compliance.
Director of Animal Resources/University Veterinarian

North Dakota State University (NDSU) invites applications for the position of Director of Animal Resources/University Attending Veterinarian. Species housed at the university include mice, rats, sheep, pigs, dairy cattle, beef cattle, horses, dogs, cats, rabbits, rodents, reptiles, amphibians, fish, and birds. Responsibilities will include oversight of the health and welfare of all animals (on and off campus sites) used in university research and teaching. Such oversight will include developing a university-wide program of veterinary care and preventive medicine, providing clinical and surgical support for small and large animal projects, oversight of training and educational programs for animal care and research staff, interaction with the IACUC through protocol review, inspections, investigator support, research support and consultation, and ensuring compliance with state and federal regulations. Leadership duties for the position include budgeting, personnel management, and long-term planning.

Clinical Veterinarian
Tulane National Primate Research Center

The Tulane National Primate Research Center (TNPRC) has experienced extensive growth to its veterinary resources and research programs and is seeking applications for the position of clinical veterinarian within the Division of Veterinary Medicine to help meet the needs of this expansion. TNPRC’s research program is focused on infectious disease research with a concentration on the study of AIDS. Other areas of research involve gene therapy, reproductive biology, biodefense, NHP behavior and clinical NHP medicine and surgery.

Responsibilities of the newly created position include general medical and surgical care of breeding colony and research animals, provision of research support, and training of investigators, laboratory animal medicine residents, veterinary students and technicians. The successful candidate will be provided opportunities to participate in the conduct of independent or collaborative clinical research directed toward nonhuman primate medicine and surgery.

Senior Clinical Veterinarian

The California Institute of Technology (Caltech), a world premier research and educational institution located in Pasadena, California, is seeking a full-time Senior Clinical Veterinarian to assist the Director of the Laboratory Animal Resources in supporting research programs involving a diverse laboratory animal population. We investigate the most challenging, fundamental problems in science and technology while educating outstanding students. Job duties include providing clinical, diagnostic and surgical care to animals; managing preventive medical programs; providing staff and faculty training and consultation; managing paraprofessional veterinary staff; and participating in IACUC activities.
**Laboratory Animal Veterinarian**

The **Brody School of Medicine** at **East Carolina University** invites applications for an immediate opening for a Laboratory Animal Veterinarian. The position is a tenure track faculty appointment in the Department of Comparative Medicine (DCM), one of seven basic science departments in the school. Responsibilities include providing clinical and surgical care to research and teaching animals at East Carolina University; providing technical support to research projects and teaching laboratories; collaborating with researchers and/or conducting independent research; assisting the department chair in ensuring compliance with federal regulations and AAALAC-International standards; and participating in teaching graduate and professional students and training research and animal care staff.

**Assistant/Associate Professor in Comparative Medicine**

**University of South Florida**

The Division of Comparative Medicine, Office of Research, University of South Florida, with facilities at the Colleges of Medicine, Public Health, and Arts & Sciences; the National Cancer Institute designated comprehensive H. Lee Moffitt Cancer Center & Research Institute; the James A. Haley Veterans’ Hospital; the Shriner’s Hospital for Children; the Children’s Research Institute; the Florida Alzheimer’s Center and Research Institute; and, All Children’s Hospital, is seeking a laboratory animal veterinarian to serve as an Assistant/Associate Professor. The successful candidate may also receive a courtesy, non-tenure earning academic appointment as an Assistant /Associate Professor in the Department of Pathology and Cell Biology in the College of Medicine.

Responsibilities include clinical and diagnostic veterinary oversight, research protocol design and implementation, programmatic development, IACUC membership and associated activities, and collaborative and independent research. This position will serve as a critical liaison with clinical and research faculty.

**Laboratory Animal Veterinarian / Faculty Position**

**Mayo Clinic, Rochester MN**

The Mayo Clinic is seeking a laboratory animal veterinarian for a faculty/staff position to join two ACLAM board certified veterinarians within the Department of Comparative Medicine. Mayo Clinic is a non-profit group medical practice with a medical school and graduate programs. The Department of Comparative Medicine supports a wide variety of biomedical research programs including transgenic rodent projects, large animal surgery, endoscopy and imaging. Comparative Medicine includes 42 support staff and over 125,000 sq. ft. of animal facilities that house many species. Animal programs and facilities are AAALAC accredited.
**Attending Veterinarian**  
**UC Davis, Vacancy Listing # 7232**

The University of California, Davis (UCD) invites applications for the position of Campus Attending Veterinarian. The UCD animal care program is fully AAALAC accredited and has over 382,000 square feet of indoor animal housing located at both on- and off-campus sites. A wide variety of vertebrate species are used in biomedical and agricultural research and teaching within the various academic and organized research units, including the School of Veterinary Medicine, the College of Agricultural and Environmental Sciences, the School of Medicine, the College of Biological Sciences, the California National Primate Research Center, and the NIH Mutant Mouse Regional Resource Center.

**Associate Director / Laboratory Animal Services**  
**Taconic, Rockville, MD**

We are seeking an Associate Director to lead, develop, and manage the lab animal diagnostic testing program. This position reports to the Director of U.S. Veterinary Services. Responsibilities of this position include providing veterinary services with a focus on client interface for diagnostic services, evaluation of new technologies and events for inclusion in the test service offerings, and oversight of the corporate health monitoring program at all Taconic sites.

This position provides scientific diagnostic support primarily to the Rockville site, working with a team of veterinary and PhD professionals within the organization. The individual selected will participate in professional and scientific organizational activities and market support, prepare articles for publication, and develop lectures for presentation. Additional duties will include maintaining Taconic quality programs, developing, validating and implementing new diagnostic test systems and services at all Taconic sites, and supporting the Veterinary Services mission at all sites.

**Vice President of Operations**  
**Covance**

Reporting to the General Manager of CRP, the Vice President of Operations will manage the non-human primate operations in **Alice, Texas** and the quarantine facility in **Denver, PA**. The successful candidate will lead the regulatory affairs effort for the division and will be responsible for all aspects of supply, importation, financial and management of the importation, quarantine, and distribution of non-human primates to the research community including private, contract, government, and academic institutions.

The successful candidate will manage a budget in excess of $50 million and will be charged with building and maintaining relationships with non-human primate suppliers and customers. (S)He will create and implement a strategy that will allow this group to continue to enjoy significant revenue growth, while simultaneously becoming a much more efficient operation.
Research Veterinarian VET000208  
*Merck, Rahway, NJ*

As a Research Veterinarian within our Laboratory Animal Resources department, you will be responsible for providing comprehensive and specialized professional veterinary services. Our Research Veterinarians collaborate with ongoing in vivo drug discovery and development projects and may initiate independent projects to complement ongoing research. Supervision of veterinarians, veterinary assistants/associates or other technical personnel may be required. There must be a strong commitment to personnel safety and in vivo welfare.

Sr. Research Veterinarian VET000217  
*Merck, Rahway, NJ*

The Associate Director, without technical guidance, provides clinical and scientific leadership for programs in Laboratory Animal Medicine throughout the Merck Research community. Research programs are directed at the discovery and development of new drugs for a wide range of therapeutic targets including metabolic disorders, endocrine abnormalities, inflammation and immune disorders, and infectious disease. In this role you will contribute to the drug discovery process by developing in vivo models, collaborating with other scientists and providing leadership for department initiatives. Supervision and mentoring of veterinarians, veterinary assistants/associates or other technical personnel is required.

Director of Animal Health  
*Marshall Farms Group Ltd., North Rose, NY*

As Director, you will: be responsible for all aspects of health care for dogs, ferrets, rabbits and mini pigs; provide technical oversight of professional and paraprofessional activities in the veterinary services area including supervision of clinical veterinarians and animal health technicians; oversee and direct our in-house laboratory including (1) participation in the development and maintenance of International Quality Standards (“ISO”) procedures that control all husbandry processes and (2) quality control review of animal data; interface with appropriate regulatory bodies including USDA to ensure compliance with the Animal Welfare Act and New York State regulations; and, consult with customers regarding animal health and related issues. Marshall Farms Group Ltd. produces the highest quality purpose-bred animals for the research community and for pets. We pride ourselves in providing animals that continually meet our customers’ expectations for good health and friendly temperament.

Assistant Director/Clinical Veterinarian  
*The Salk Institute for Biological Studies, La Jolla, CA*

We are seeking an experienced professional to join our team as Assistant Director/Clinical Veterinarian. The successful applicant will report to the Senior Director of the Animal Resources Department and be responsible for providing clinical, diagnostic and surgical veterinary support to a diverse research animal colony maintained in a 60,000 square foot vivarium, transgenic core, and stem cell center. Responsibilities also include overseeing veterinary technical staff, IACUC membership, assisting faculty with development of animal models and animal research protocols; participating in the AAALAC accreditation process, and assuring regulatory compliance. The Salk was founded in 1960 by Jonas Salk, the developer of the polio vaccine, and is an established international leader in cutting edge neuroscience, molecular biology, genetics, cancer and stem cell research.
Robert G. Carlson

Dr. Carlson (MSU ‘52), 84, Kalamazoo, Mich., died July 4, 2006. Prior to retirement in 1988, he headed the pathology department at Upjohn Company in Kalamazoo. During his career with Upjohn, Dr. Carlson traveled to Japan, where he helped establish a laboratory. He was a diplomate of the American College of Veterinary Pathologists, and a member of the American College of Laboratory Animal Medicine and the Society of Toxicology. A Navy veteran of World War II, Dr. Carlson served as a B-26 pilot, attaining the rank of captain. His wife, Margaret, and two daughters survive him.
2007 ACLAM Forum:
Celebrating 50 Years of Partnering in Biomedical Research
Loew’s Ventana Canyon Resort
Tucson, Arizona
May 6–9, 2007 Preliminary Program:
“Contemporary Topics in Laboratory Animal Medicine”

Saturday May 5, 2007
9:00am – 5:00pm  (Pre-Forum Activity)
C.L. Davis Pathology of Laboratory Animals Course (Separate registration and agenda)

Sunday May 6, 2007
8:00am - 5:00pm  ACLAM BOD Meeting
10:00am - Noon  Review of the Exam Process
Noon - 6:00pm  Registration
1:00 - 4:00pm  ACLAM Foundation Committee Grant Proposal Review
1:00 - 5:00pm  Poster Set up
5:00pm - 6:00pm  Business Meeting
6:30pm - 9:00pm  Opening Reception and Dinner

Monday May 7, 2007
7:00am - 9:00am  Breakfast
8:00am - 10:00am  Scientific Session #1: Pain and Distress Discussion - Lyndon Goodly and Kathy Murray
10:00am - 10:30am  Break
10:30am – 1:00pm  Scientific Session #2: Inhalant Euthanasia Interactive - Paul Flecknell and Tim Morris
1:00pm - 2:00pm  Lunch
2:00pm - 3:30pm  Scientific Session #3: Fact vs. Dogma in Laboratory Animal Science and Medicine: Challenging Dogma - B. Taylor Bennett, R. Dysko, C. Franklin, G. Mason
3:30pm - 4:00pm  Break
4:00pm - 5:30pm  Scientific Session #4: Challenging Dogma (Continued)
5:30pm - 6:30pm  Free
6:30pm - 7:30pm  Pre-Dinner Reception
7:30pm - 10:00pm  50th Anniversary Dinner and Awards Ceremony (Attire-Resort Casual, coat and tie optional)

Tuesday May 8, 2007
7:00am - 9:00am  Breakfast
8:00am - 1:00pm  Auxiliary Activities (Golf, tours, leisure activities)
1:00pm - 2:00pm  Lunch
2:00pm - 4:00pm  Scientific Session #5: Aquatic Husbandry, Biology and Diseases - Claudia Harper
4:00pm - 4:30pm  Break
4:30pm - 6:00pm  Scientific Session #6: Aquatic Husbandry Biology and Diseases - Cheryl Greene
6:00pm - 6:30pm  Free
7:00pm - 10:00pm  Reception and Snacks, Poster Presentations, Results of the Silent Auction
7:00pm - 10:00pm  Scientific Session #7: Aquatic Workshop and Wet Lab (Optional - limited to 30)

Wednesday May 9, 2007
7:00am - 9:00am  Breakfast
8:00am - 10:00am  Scientific Session #8: New Technologies in Genetically Modified Animals - Tim Poole
10:00am - 10:15am  Break
Noon  Forum Concludes
ACLAM FORUM REGISTRATION: May 6-9, 2007
Loews Ventana Canyon Hotel & Conference Center, Tucson, AZ
“Contemporary Topics in Laboratory Animal Medicine”
Celebrating 50 years as a Partner in Biomedical Research

Name(s)___________________________________________
- Address___________________________________________

Tel_____________ FAX_____________ Email_____________

ACLAM DIPLOMATE EARLY $595 ________
ACLAM DIPLOMATE LATE $650 ________
NON-DIPLOMATE $650 ________
Forum for Life or Spouse $295 ________
TOTAL ________

Method of Payment
___Check   ____Visa   ____MasterCard   ____AMEX

Card Number
_____/____ Exp. Date __________________________

Name on Card (Printed) ____________________________

Signature ______________________________________

ACLAM FORUM 2007 HOTEL INFORMATION
May 6-9, 2007
Loews Ventana Canyon Resort, TUCSON, ARIZONA

ROOM RATE- $143.00 SINGLE/Doubles

Group rate is available 3 days prior and 3 days after the Forum based on availability
PLEASE CALL HOTEL DIRECT LINE: 800-234-5117
FOR RESERVATIONS AND ASK FOR ACLAM RATE.

THE CUT OFF DAY FOR THE ACLAM ROOM RATE BLOCK IS APRIL 4, 2007
<table>
<thead>
<tr>
<th>Sunday, May 6th</th>
<th>Tuesday, May 8th</th>
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</thead>
<tbody>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>7:00 am - 9:00 am Breakfast</td>
</tr>
<tr>
<td>10:00 am - noon</td>
<td>8:00 am - 1:00 Lunch</td>
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<tr>
<td>Noon - 6:00 pm</td>
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<td>1:00 pm - 4:00 pm</td>
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<tr>
<td>1:00 pm – 5:00 pm</td>
<td>2:00 pm - 3:00 Break</td>
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<tr>
<td>5:00 pm - 6:00 pm</td>
<td>3:00 pm - 3:30 pm Free Time</td>
</tr>
<tr>
<td>6:30 pm – 9:00 pm</td>
<td>4:30 pm - 7:00 pm</td>
</tr>
<tr>
<td>6:30 pm – 9:00 pm</td>
<td>7:00 pm - 10:00 pm Reception &amp; Snacks, Poster Presenters present - Results of the Silent Auction</td>
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</tbody>
</table>

**Monday, May 7th**

- 7:00 am - 9:00 am Breakfast
- 9:00 am – 10:00 am History of and tour of the Resort - Sarah Beal, Public Relations Manager, Loews Ventana Canyon Resort
- 10:00 am - 10:30 am Break
- 10:30 am – 11:30 am Americans for Native Americans (ANA) - Dr. Ted Robinson (an organization that provides volunteer veterinary and medical support to reservations in Arizona and New Mexico - for more information see [http://www.buckscoana.org/](http://www.buckscoana.org/))
- 11:30 am – 12:30 am Southwest Cooking Demonstration (guacamole & salsa) Presented by staff of Loews Ventana Canyon Resort
- 12:30 pm – 1:00 pm Free Time
- 1:00 pm – 2:00 pm Lunch
- 2:00 pm – 5:00 pm Fact vs. Myth Session
  or
  (1:45pm-5:00 pm) Sightseeing bus tour through Tucson and area – a special 3 hour tour (for more information see [http://www.graylinearizona.com/sightseeing](http://www.graylinearizona.com/sightseeing)) – ignore the cost and time shown as this will be a special ACLAM tour.
- 6:30 pm – 7:30 pm Pre-Dinner Reception
- 7:30 pm – 10:00 pm 50th Anniversary Dinner and Awards Ceremony

**Tuesday, May 8th**

- 7:00 am - 9:00 am Breakfast
- 8:00 am - 1:00 Lunch
- 1:00 pm - 2:00
- 2:00 pm - 3:00 pm Native Harvest: Authentic Southwestern Gardening – Kevin Dahl, Executive Director, Native Seeds/SEARCH (for more information see [www.nativeseeds.org](http://www.nativeseeds.org)).
- 3:00 pm – 3:30 pm Break
- 3:30 pm – 4:30 pm Heard Museum Presentation - HOME: Native Peoples in the Southwest. Barbara Jones, Group Tour Docent, Heard Museum. (for more information see [http://www.heard.org/education](http://www.heard.org/education))
- 4:30 pm – 7:00 pm Free Time
- 7:00 pm - 10:00 pm Reception & Snacks, Poster Presenters present - Results of the Silent Auction

**Wednesday, May 9th**

- 7:00 am - 9:00 am Breakfast
- 9:00 am – 10:00 am Informal discussion about Forum for Life agenda topics for the 2008 Forum
- 10:00 am – 12:00 pm Free Time
- 12:00 pm Forum Concludes
2007 ACLAM Forum Golf Tournament
To Benefit the Research Efforts of the ACLAM Foundation

General Information
The 2007 ACLAM Forum will be held at The Loews Ventana Canyon Resort in Tucson, AZ on May 6-9, 2007. On Tuesday, May 8, 2007 beginning at 8:00 a.m. our Annual Golf Tournament will be held to celebrate 50 years of the college. In an effort to further support the research efforts of the ACLAM Foundation. So begin work on your golf game and join us for fun!

Tournament Format
1) Captain’s choice (Fort Lauderdale format). Each Player hits a tee shot, the captain selects the best position; all players hit the second shot from that position. This routine is repeated until the hole is complete. A shotgun start will be utilized. During the front back nine, each team must play at least one tee shot hit by each team member.
2) Teams will consist of 3 to 4 members, randomly grouped according to handicap. Play will be from the white tees (for men) or women’s tee box (for women).
3) “Mulligans” are not permitted. Players may move and place their ball within one club length of the selected ball. All other standard USGA rules should be followed.
4) Prizes will be awarded to the first, second and third place teams; for closest to the pin; for longest drive, and for a whole in one.

Location and Cost
The golf outing will held at The Loews Ventana Canyon Resort Golf Course. The tournament registration fee is $125 per person, which includes green fees, electric cart, range balls, taxes, prizes and refreshments. Golf club rentals are available for $35. Please note on the registration form if you need to rent clubs. Meeting registration information can be obtained by visiting the ACLAM web site at www.aclam.org.
**First Annual Charles Louis Davis, D.V.M. Foundation Symposium:**

**Diagnostic Pathology of Laboratory Animal and Exotic Species**

**Course Description/Speakers:**

This is a one day satellite symposium sponsored by the C.L. Davis Foundation and the American College of Laboratory Animal Medicine’s Annual Forum.

**Host Response to Injury in Laboratory Animals – Differential Diagnosis and Keys to Problem Solving**  
**Dr. Charles Montgomery**

This four hour presentation will describe teaching and diagnostic tools, thought processes and algorithms used to determine pathologic diagnoses in laboratory animal diseases and organ systems. The lecture will include gross and histopathologic lesions, clinical pathology data, histochemistry, immunohistochemistry and imaging examples in over 20 species of animals.

**Identification of Protozoan and Metazoan Parasites in Histological Sections**  
**Dr. Chris H. Gardiner**

Protozoan and metazoan parasites are often found in both biopsy and autopsy histological sections. Frequently, proper identification of these parasites is required to initiate appropriate treatment in herd-health measures. This course will provide the basic information necessary to recognize and identify these parasites in histological section. This will be accomplished with a two part illustrated, didactic lecture by Chris H. Gardiner, Ph.D., of the Army Medical Department, Fort Sam Houston, TX, and Consultant to the Registry of Veterinary Pathology, Armed Forces Institute of Pathology, Washington, D.C. The lectures will be on the morphological features of protozoan and metazoan parasites in histological section and diagnostic case studies, illustrating how the knowledge of these minute features can easily lead to diagnosis in over 20 interesting cases from zoo and wild animals. At the end of the symposium, attendees will have a better understanding of the morphological characteristics used to identify parasites in histological section.

As a bonus, all registrants will receive a copy of the text “An Atlas of Metazoan Parasites in Animal Tissues,” authored by Dr. C.H. Gardiner, recently reprinted, and is a $35.00 value. This well-illustrated atlas is considered to be the definitive text for veterinary pathologists and laboratory animal veterinarians.

Tuition: $175.00 – Attendance is limited by the seating capacity of the auditorium to 90 individuals, so get your application in early.

**Hotel Accommodations:**

A block of 50 rooms has been reserved for May 4-5, 2007, at

**Loews Ventana Canyon Resort**  
**7000 North Resort Drive**  
**Tucson, AZ 85750**  
**Phone: 520-299-2020**

The room rate will be $185.00 per night for a single or double room. When making your reservation indicate you are attending the C.L. Davis Symposium.
SPECIAL RATES FOR ACLAM FORUM AT THE

White Stallion Ranch

3 NIGHT MINIMUM STAY – RATES AVAILABLE MAY 9 - 14, 2007

$130.00 per person per night based on double occupancy –best room available.
$155.00 per person for singles
(Rates subject to tax and 15% service charge.)

The White Stallion Ranch American Plan rates include:

- Lodging
- All meals
- Horseback riding, morning and afternoon except Sunday.
- Scenic, walk only rides and more adventurous rides with loping.
- Breakfast rides
- All day rides
- Team penning
- Ranch Activities – tennis, hiking, mountain bikes, swimming
- Courtesy transfers from Loews to the ranch and from the ranch to the Tucson International Airport.

Also available:

- Heated pool and redwood hot tub
- Lighted Tennis court and sports court
- Fitness Center with exercise room, sauna and massage therapist. Massage ($53/hr) Deep Tissue or Swedish
- Golf is nearby.

This is a very attractive package for those who want to experience the tranquility of a ranch vacation as the perfect ending to your Tucson visit. You can do as much or as little as you like and there is something for every one to enjoy. If interested, please contact the Ranch. Be sure to mention the Post ACLAM Forum Special.

White Stallion Ranch
9251 W. Twin Peaks Road
Tucson, AZ 85743
Reservations – 888-977-2624
Tel - 520-297-0252
Fax - 520-744-2786
Volume one provides information about the history, biology, and genomics of the laboratory mouse (Mus musculus), as well as basic information on maintenance and use of mouse stocks. Mouse origins and relationships are covered in chapters on history, evolutionary taxonomy, and wild mice. Genetics and genomics of the mouse are covered in chapters on genetic nomenclature, gene mapping, cytogenetics, and the molecular organization of the mouse genome. Maintenance of laboratory mice is described in chapters on breeding systems for various types of strains and stocks and genetic monitoring. Use of the mouse as a model system for basic biomedical research is described in chapters on chemical mutagenesis, gene trapping, pharmacogenetics, and embryo manipulation. The information in volume one serves as a primer for scientists new to the field of mouse research.

ISBN 13: 9780123694553

This volume departs from the first edition by discussing specific disease causing microorganisms, versus the format used in the first edition which discussed infectious diseases affecting specific organs and tissues. It now consists of 26 chapters subdivided into RNA viruses and DNA viruses, as well as bacterial, mycotic, and parasitic infections. These chapters not only provide updates on pathogenesis, epidemiology, and prevention of previously recognized murine pathogens, but also include information on newly recognized disease-causing organisms: mouse parvovirus, cilia associated respiratory bacilli, and Helicobacter spp. A separate category consisting of three chapters discusses zoonoses, tumor pathology of genetically engineered mice, and spontaneous diseases in commonly used mouse strains.

ISBN 13: 9780123694560

Volume three encompasses 23 chapters that provide a broad overview on the laboratory mouse’s normative biology, husbandry, and its use as a model in biomedical research. This consists of chapters on behavior, physiology, reproductive physiology, anatomy, endocrinology, hematology, and clinical chemistry. Other chapters cover management, nutrition, gnotobiotics, and disease surveillance. There are also individual chapters describing the mouse as a model for the study of aging, eye research, neurodegenerative diseases, convulsive disorders, diabetes, and cardiovascular and skin diseases.

ISBN 13: 9780123694577

Volume 4 is a completely new addition to this series, dedicated to mouse immunology. It is based on the vast body of knowledge, which has made the mouse the model of choice when studying immunity in man. Arguably more is known about the immune system in mice than any other species except man. In large part this is due to the power of genetic engineering to delineate molecular mechanisms. Volume 4 presents an overview to mouse immunology, including both the innate and adaptive immune systems. It is then followed by 15 chapters, each dealing with a specific area of immunology in the mouse. These chapters illustrate the power of genetic engineering in dissecting each component of the immune response, from the development of lymphoid tissues to signal transduction pathways in activated cells.

ISBN 13: 9780123694584