President’s Message
A Letter to The College from Bill White

Over the past several years through the leadership of the past Presidents and Board of Directors of the College and with substantial efforts from many members of the College, ACLAM has refined its mission and taken on long-term initiatives that will improve the stability of the College and help to address pipeline issues. The College is financially stable. The leadership of the College has taken a financially conservative approach to assure that difficulties that have befallen other organizations are less likely to be visited upon the College.

When viewed in very general terms, ACLAM has, in addition to administrative activities, three broad based efforts. The first is the certification of veterinarians in our specialty as well as their recertification. We depend upon a number of committees to assure that this process is appropriate, fair and is administered consistently each year. Over the last several years, the College has taken steps to improve this process using an examination consultant and is implementing changes to improve the examination and the credentialing processes to assure that it is in keeping with the most current standards. This has meant that some practices that we have used in the past have been eliminated or modified in order to assure that even the perception of anything being arbitrary or inconsistent is minimized or eliminated.

The second group of activities involves the task of attracting individuals into the field of laboratory animal medicine and then providing them guidance and opportunities for receiving the necessary training and experience to achieve Diplomate status. The Career Pathways Committee and the Training Program Oversight Committee have both been central to this process. These committees, coupled with the efforts of the Camp ACLAM Committee, the Forum Committee and the Joint Program Committee with ASLAP, all are involved in providing opportunities to acquire information applicable to broad certification and continuing education for both Diplomates and potential candidates for Diplomate status. The activities of these all committees need to be well coordinated since they are part of a larger process. Funding for these activities has always been an issue since the College has limited resources. In 2007 we will reexamine these programs and metrics used to assess their success and will explore additional funding opportunities.

The third component of ACLAM activity is the participation of the College in external affairs as they apply to laboratory animal medicine in biomedical research. Until relatively recently, the College has had what might best be described as a reactive role to issues arising outside of the College. This is particularly true of
changes in guidelines or regulations which are released with defined periods for comment. The Government and Regulatory Affairs Committee has served well in leading the College in fashioning responses and in providing early warning for upcoming issues. Their role has been indispensable, and they have developed associations outside of the College that have allowed us to coordinate our efforts with other organizations. Their role will clearly expand over the coming year and in years to come. Our participation in the International Association of Colleges of Laboratory Animal Medicine through the leadership of Kathryn Bayne and Pat Turner has allowed the College to expand its presence on a global basis and will clearly allow us an opportunity to have more direct participation in guidance and regulatory issues as well as best practice setting activities occurring outside of the US but with clear impact within the US. This involvement, however, as well as the activities of the Government and Regulatory Affairs Committee, will require the College to begin to develop positions and guidance on a variety of topics that are part of everyday activities of our members. We have made a good start with positions on medical records, pain and distress, and a few other topics, but this effort will clearly have to expand during 2007 and in the years to follow. To be effective, these positions will have to be detailed, rational, and consistent with a unified philosophy. It is likely that some of the positions will not be met with a 100 percent consensus, and it will be important to outline the rationale for alternative approaches. In order to get the ball rolling in this direction, I will propose the formation of one or more ad hoc committees to begin working on topics relevant to this mission.

The success of the College is directly attributable to the enthusiasm and volunteerism of the Diplomates of the College. This point was driven home to me following my call for volunteers for committees. There were approximately 20 slots to be filled on existing committees, and I received well over 100 responses indicating a willingness to help.

Lastly, as a College, we need to encourage increased dialogue between Diplomates if we are to find common approaches, best practices, and to share experiences and scientific information. I would encourage all Diplomates to consider how we can use existing mechanisms such as the website, the Newsletter, and the Forum to accomplish this goal. There is a wealth of knowledge within the College, but we need to find efficient and effective ways of sharing it. I look forward to a very productive year for ACLAM.

Bill White, ACLAM President 2007

**ACLAM Announcements**

**2005 Foster Award Winners**

The Foster award for academic excellence is presented to the new Diplomate(s) scoring the highest on the written and practical portions of the American College of Laboratory Animal Medicine certifying examination in the preceding year. **Dr. Kenneth O. Jacobsen**, U.S Army, USAMRIID, Ft, Detrick, MD received this award for 2005 for the written and practical portions of the exam and **Dr. Nina L Woodford**, Washington State University received this award for the practical portion of the exam. We congratulate both of these Diplomates on their academic achievement.
Retirement Reminder

As the end of the year approaches and dues are payable some of you may consider retirement as an option. The ACLAM policy on retired status reads “A retired Diplomate is interpreted to mean one who is retired from professional veterinary medical activities from which they earn an income. This includes retirement from regular employment as a laboratory animal specialist, private consultation in laboratory animal medicine or the practice of veterinary medicine.”

A retired Diplomate shall not be required to pay dues, nor have the right to vote. You will continue to receive the quarterly Newsletter electronically and an annual Directory, if so desired. Please notify the Executive Director if you elect to be placed on the retired roster.

Newsletter Policy

The Newsletter is published 4X per year. The publication dates are:
1. March: Pre Forum
2. June: Pre AVMA
3. September: Pre AALAS
4. December: 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, without special formatting. This content will be appropriately formatted/edited for use in the Newsletter and Web Site postings. 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.

A 100 word or less summary of the ad will appear in the ACLAM Newsletter referring the reader to the ACLAM website for the full text of the ad. You may submit two separate ads, an abbreviated one for the Newsletter and the complete one for the website or the Newsletter editor will excerpt a summary for Newsletter.

The cost to place an ad in the Newsletter and post it on the Web is $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.

Contact Nanette Kleinman at 216-368-2573 or nkh@po.cwru.edu for additional information about ACLAM Newsletter and website ad posting.
ACLAMers on the Rise

Science Spectrum Magazine Honors Daphne Mobley

Science Spectrum Magazine honored five Wyeth employees including ACLAM Diplomate Daphne Mobley at the 2006 Annual Minorities in Research Science Awards Conference that took place September 14 to 16 in Baltimore, Md. Science Spectrum is a career development magazine focused on reaching multicultural communities. The publication’s mission is to increase the number of minorities entering the fast-growing fields of science. Science Spectrum is distributed throughout the United States to professionals and graduate and undergraduate students.

Dr. Mobley received the Emerald Award for “Special Recognition.” She joined Wyeth in 1992 as Manager of Toxicology, Laboratory Animal Resources. In recognition for her ability to establish excellent collaborating relationships with the scientific staff and initiate efficient processes in the research environment, Dr. Mobley received several promotions, including to Assistant Vice President of Planning. In this role, Dr. Mobley worked directly with Wyeth’s senior management on corporate business strategies. In May 2006, after 14 years with the company, Dr. Mobley was promoted to her current position where she oversees the implementation of Wyeth’s diversity goals designed to increase the retention, recruitment and development of a diverse workforce.

William Stokes promoted to Rear Admiral, Lower Half

The U.S. Public Health Service Commissioned Corps recently promoted Dr. William S. Stokes. Dr. Stokes rose from the rank of captain to the rank of rear admiral, lower half. Rear Adm. Stokes is director of the National Interagency Center for the Evaluation of Alternative Toxicological Methods in the National Institutes of Health’s National Institute of Environmental Health Sciences. He also serves as the chief veterinary officer for the U.S. Public Health Service and is the alternate delegate representing Uniformed Services in the AVMA House of Delegates.

International News

IAACLAM Update

The International Association of Colleges of Laboratory Animal Medicine (www. iaclam.org) held several meetings at the AALAS National Meeting in Salt Lake City, Utah, USA, in October 2006. The purpose of these meetings was for IACLAM, as a new organisation, to understand if and how it should interact with other international organisations. For example it was clear that the OIE deals directly only with single international groups in any particular area, therefore IACLAM would be an ideal contact for training and information relating to Laboratory Animal Medicine. Specific aspects discussed in more depth were international transportation of laboratory animals with OIE and skills and training with ICLAS. The IACLAM board is now considering next steps with these organisations, and importantly will be consulting with the boards of the three colleges.
Scaly Skin Disease or Hyperkeratosis Associated Coryneform (HAC) Dermatitis in Nude Mice due to Corynebacterium bovis infection has been anecdotally reported for decades. But for many of us it came into prominence during the mid 1990’s when severe outbreaks of scaly dermatitis in nude mice were observed at numerous major pharmaceutical companies, medical schools and academic institutions within and outside the US. Despite advances in diagnostic testing, aggressive eradication efforts and increased testing of colony animals for the causative agent, the condition is still found in research colonies. Presumably, the persistence of the disease is related to its rapid onset and clearance. This brief review provides an update on the disease.1-10

**Background:**
Hyperkeratosis has occurred on and off in nude mice for at least 25 years with some Lab Animal Researchers feeling that it has existed since the first nude mice were used. The disease is caused by the bacteria Corynebacterium bovis. Prior to the early 1990’s, the disease was not considered a significant problem. People lived with it and worked around it until the early 1990’s, when severe outbreaks of scaly dermatitis in nude mice were observed. With confirmation of the etiologic agent causing the disease, increased knowledge of the sources and routes of transmission, heightened concern about the integrity of research and ability to interpret studies using infected animals, the condition was considered unacceptable and preventable and finally eradicated at affected institutions.

**Clinical Signs**
Immunocompetent and immunodeficient mice and rats, both glabrous and hirsute, can be infected with the organism but only glabrous mice develop hyperkeratosis. However, scaly skin disease is most commonly observed in homozygous nude mice. Less commonly, SCID mice and immunocompetent SKH mice develop disease. Heterozygous nude mice, CD-1 mice and immunocompetent rats may be subclinically infected. There is high morbidity but low mortality in adult and weanling mice. Suckling mice have high mortality, approaching 100%. There appears to be increased mortality in clinically affected mice when they are on tumor studies.1-10

During outbreaks, scaly skin disease most commonly causes bilaterally
symmetrical scaly skin, typically over the back and ventrum. Disease onset and clearance occurs within 7-10 days (i.e., within a typical cage change cycle). Many also experience weight loss (or decreased rate of weight gain), increased water consumption and severe pruritis. Less commonly, multifocal to patchy erythema over the body, especially around the eyes and ears, increased activity and PU/PD are reported. All animals in a cage generally develop clinical disease. In SCID mice, similar but generally less severe signs as nudes develop and facial alopecia alone has been reported, which may be misinterpreted as barbering.1-10

Histopathology
Histologic findings include marked acanthosis and moderate orthokeratotic hyperkeratosis, occasional dyskeratotic hair follicles with squamous metaplasia along the neck of the hair follicle, scant mononuclear cell infiltrate of the dermis and gram positive bacteria in the stratum corneum, often arranged in palisading or irregularly branching arrays.2

Sources and Transmission
C. bovis is considered an opportunistic pathogen of compromised hosts, including humans. It normally resides on the skin and the mucous membranes of oral cavity and nose. It is ubiquitous in nature, commonly found on cattle. The agent is highly contagious and is readily transmitted by direct contact and fomites such as gloves, cages, gowns, hands, bedding, water and instruments. It is capable of surviving over 30 days on fomites. Vendors do not see this in immunodeficient mouse colonies and report a low level of C. bovis + results from customer samples, including animals and tumor lines.1,7,10

Diagnosis
Clinical signs of scaly skin, particularly widespread dermatitis, are suggestive of the disease in nude mice. PCR testing of epidermal or buccal swabs for C. bovis has replaced standard culturing methods. Colonies are punctiform, gray-white and 1-2 mm in diameter. Characteristic histologic and gram stain findings of skin samples are suggestive. Other more common causes of dermatitis or pruritis should be ruled out. Increased levels of endogenous growth factors are also reported in immunodeficient mice with dermatitis or alopecia.8

Diagnostic Difficulties
Failure to diagnose and eliminate the disease is due to multiple causes. Until the etiological agent was confirmed, sources of and routes of transmission of the bacteria were unclear. PCR-based diagnostic testing was unavailable and standard microbiological culturing of affected mice was often unsuccessful. This occurred when the skin wasn’t properly prepared by wiping with alcohol to reduce the more abundant bacterial fauna, exposing the less abundant corynebacteria. Under-reporting occurred based, in part, on the short course of the disease that often ran its course during the (increasing) intervals between regular cage changes resulting from the increased usage of ventilated cages. Research effects were also unclear and it was common practice at some institutions to delay studies until the condition cleared up. Finally, many considered this condition normal in nude mice.11

Potential Effects on Research
According to Clifford “Visibly affected mice have often been considered unsuitable
for research use because of the sometimes striking clinical appearance of the hyperkeratosis and reported weight loss. In other words, the severe hyperplasia of the largest organ-system in the body and the associated physiologic and immunologic complications are quite profound and cause for concern. Other reported research effects are listed below.

- Animal experiences a significant weight loss or a depressed growth rate or rate of weight gain.\(^{2,8}\)
- Tumor growth rate may be depressed \(^{6,8,9}\)
- Xenograft takes are retarded.\(^6\)
- NK cell activity may be affected.\(^{8,12,13}\)
- Variable toxicity/efficacy of chemotherapeutics and increased mortality.\(^{6,8,9}\)
- Increased water consumption (2x) and urine production.\(^{3,7,8}\)

Interestingly, *Corynebacterium parvum* has been demonstrated to inhibit the growth of transplanted tumors in mice and, historically, has been used therapeutically as an immunomodulating agent in the treatment of cancer. *C. parvum* has also been shown to activate NK cells, which decreased tumor metastases.\(^{12,13}\)

**Control Measures**

Most consider that while very contagious, Scaly Skin Disease is preventable if a comprehensive program and rigorous procedures are followed for working with immunocompetent mice. Nude and SCID mice must be procured from *Corynebacterium bovis* free colonies. Health reports from vendors have been consistently negative for *C. bovis* for years; however, immunocompetent animals are not reported as being tested.

Barrier conditions, restricted access, scrubs, full PPE, autoclaving or thorough disinfection of equipment and supplies prior to room entry or exit are important. Shower in barriers and flexible film isolators have prevented disease in an otherwise contaminated facility.

Antibiotics may prevent the disease but not infections and infected mice can remain culture positive indefinitely. Disinfectants should be based on claims of efficacy against corynebacterium, and according to manufacturer’s recommendations. Coverage Spray TB (quat) and MB-10 (chlorine dioxide) have label claims. Other oxidant based disinfectants such as Alcide, Clidox or bleach (chlorine based) should be effective and are commonly used when working with nude mice. Alcohol is not recommended as a disinfectant agent for use with immunodeficient mice if *C. bovis* is of concern.\(^{8,11}\)

**Summary**

Scaly skin disease is still a significant condition being reported in nude mice. Complications to research, particularly cancer research where immunodeficient mice are frequently used, are significant. Improved diagnostic testing methods have greatly facilitated recognition and eradication of the disease but the rapid course of clinical disease and increased intervals between cage changes has resulted in under-reporting. Eradication and control measures are discussed.

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**Figure 2**

Skin of nude mouse affected with *C. bovis*. (Courtesy of Charles River Laboratories.)
and rigorous procedures are generally required.

References
7. Focus group meeting on hyperkeratosis in nude mice, 1994. Personal communication.
8. Personal communications from affected institutions.

Figures
Figure 1. Nude mice showing mild (left) or marked scaly skin disease. (Courtesy of Charles River Laboratories.)
Figure 2. Skin of nude mouse affected with C. bovis. (Courtesy of Charles River Laboratories.)

Educational Opportunities
Residency Training in Lab Animal Medicine

The University of Pennsylvania, Division of Laboratory Animal Medicine within the Department of Pathobiology, School of Veterinary Medicine invites applications for residency training in the field of laboratory animal medicine.

This new training program has been designed to prepare veterinarians for careers
in laboratory animal medicine and meets all requirements to support preparation for ACLAM board certification. The program will be 3 years in duration, with 2 years focusing on didactic material and supervised clinical experience and the third year consisting primarily of mentored research. Residents will oversee clinical cases, work-up diagnostic cases, manage disease outbreaks, confirm diagnoses via pathological evaluation while under the direction of faculty and clinical staff and our veterinary pathologist. Residents will become familiar with the wide range of roles that laboratory animal veterinarians play in supporting regulatory affairs by assisting with reviews of IACUC protocols and participation in site visits and inspections.

Open Positions
Clinical Veterinarian

Battelle Toxicology Northwest is a multidisciplinary contract research organization located in Richland, Washington is looking for a highly motivated, team-oriented clinical veterinarian to assist the attending veterinarian. Duties will include care of animal facilities; assistance with the animal care and use program; backup for the attending veterinarian; shared weekend and emergency on-call duty; supervision and training of technicians; IACUC membership; standard operating procedure development and revisions; necropsies and other necessary health evaluations.

The candidate will be responsible for oversight of data collection, processing, and reporting to study teams of respiratory parameter data used for inhalation dosimetry in multiple species, experiment design and data collection for pulmonary function testing, and development of experimental surgical models. Surgical procedures are expected to include: radiotelemetry in rodents (blood pressure and ECG), arterial flow probes in rodents, bile cannulation in rodents, left ventricular pressure lines with radiotelemetry in rodents, vascular catheters in rodents.

Director, Comparative Medicine Resources

New Jersey Medical School, University of Medicine and Dentistry (UMDNJ) Newark Campus, the nation’s largest Health Sciences University, invites applications from qualified candidates to serve as the Director for the AAALAC accredited Comparative Medicine Resources (CMR). This position, supervising a staff of forty, reports to the Senior Associate Dean for Research and is responsible for managing 66,000 square feet of animal facilities including two Mouse Barrier Facilities, a BSL-3 Facility and a conventional multispecies facility with an active surgery schedule. The Director will have overall responsibility for the operation and oversight of the animal care and use program supporting a multifaceted research program encompassing 125 Principal Investigators supported annually by over $16 million of external funding for research in vertebrate animals, in over 200 active IACUC protocols.

University Veterinarian
Office of VP for Research and Technology Transfer

Texas Tech University is seeking to fill the position of University Veterinarian.

For a complete description of the following positions and application information, please go to the Open Positions page of the ACLAM website at http://www.aclam.org/gen_openings.html. NOTE: Ads are listed chronologically by posting date, most recent first, and will appear for approximately 90 days.
This person is responsible for all aspects of University animal health and welfare programs, supervision of animal care personnel, budget development, and procurement and maintenance of related supplies and equipment.

The animal care program at Texas Tech University is currently focused on farm and field ecology research, with a small but growing laboratory animal component. The University Veterinarian is responsible for providing veterinary care for multiple species, consulting in animal-use protocol development, assisting with surgical procedures, training for compliance with various animal welfare regulations, ensuring the University remain AAALAC accredited, and maintaining University compliance with USDA and Public Health Service requirements. The University Veterinarian serves on the IACUC and as the Director of the Animal Care and Resources Center.

**Associate Director, Bioresources**  
*Wyeth, Chazy, NY*

We are currently looking for an Associate Director of Bioresources at our Drug Safety and Metabolism site in Chazy. Serving as advisor to the Director, Bioresources and to Wyeth management, you will assist in directing the activities of the BioResources Department responsible for the Animal Care and Use Programs at the Wyeth Research site. This will encompass applying advanced concepts and principles of animal health, medicine, disease surveillance and control, surgery and other advanced research technologies contributing to innovative research programs using animal models of human disease. Supervising the Veterinary staff and overseeing the veterinary Care program to include disease surveillance, diagnosis, treatment, control and prevention in a variety of laboratory animals will also be involved.

**Veterinarian, Division of Intramural Research**  
*Department Of Health And Human Services, National Institutes of Health, National Institute of Neurological Disorders and Stroke*

The Animal Health Care Section (AHCS) of the National Institute of Neurological Disorders and Stroke (NINDS) is recruiting for the position of Laboratory Animal Veterinarian. The AHCS is responsible for all aspects of the care and use of laboratory animals in the intramural research programs of the NINDS and the National Institute on Deafness and Other Communication Disorders (NIDCD). The AHCS operates three animal facilities on the NIH Bethesda campus and one facility in Rockville, MD, and is currently staffed by six veterinarians (two American College of Laboratory Animal Medicine [ACLAM] Diplomates) and ten veterinary technicians.

**Clinical Veterinarian, Division of Animal Care**  
*Vanderbilt University Medical Center*

The Vanderbilt University Medical Center Division of Animal Care (DAC) is currently seeking a motivated individual for the position of Clinical Laboratory Animal Veterinarian. Responsibilities will include: Provision of medical and surgical care to a large and diverse population of animal species (the majority
of which are rodents); Participation in protocol review to maintain conformance to accepted veterinary practices and regulations; Provision of formal and informal training for animal care and research staff utilizing appropriate care and use of research animals; Colony health monitoring; Insuring compliance with all state and federal rules, regulations and guidelines; and Participation in the design and implementation of Standard Operating Procedures for the animal care program.

**Director of Laboratory Animal Medicine**  
**University of Arkansas for Medical Sciences (UAMS)**

The College of Medicine invites applications for the position of Director of Laboratory Animal Medicine. The successful applicant will serve as Director of the several animal research facilities on the UAMS campus and at Arkansas Children’s Hospital Research Institute (ACHRI), reporting to the Dean of the College of Medicine through the Associate Dean for Research. If appropriate, this position can also include opportunities for scientific collaboration and academic appointment in a relevant College of Medicine department. The facility comprises animal support in the Arkansas Cancer Research Center, the Barton Research Building, the Biomedical Research Building and the Arkansas Children’s Hospital Research Institute.

**Head Veterinary Pathologist**

The Wisconsin National Primate Research Center (WNPRC), based in the University of Wisconsin-Madison Graduate School, is seeking applicants to fill the position of Head Veterinary Pathologist in the Pathology Services Unit reporting directly to the Associate Director for Research Services. The WNPRC is an AAALACI-accredited facility housing approximately 1,200 rhesus macaques as well as common marmosets and cynomolgus macaques. The successful applicant will be responsible for the oversight and management of a team consisting of a veterinary pathologist, research specialists and microscopists, as well as interact with research staff (faculty & academic staff) and clinical veterinary staff on pathology related matters. The position is responsible for maintaining an active leadership role in the development and performance of specialized procedures in support of research in the Pathology Services Unit as well as providing diagnostic clinical pathology services, consultation on humane and legal research methods, and developing new services within the unit to support research at WNPRC.

**Associate Director, Lab Animal Medicine**  
**Vienna, VA**

Covance is growing. It’s a great time to join us! As an Associate Director of Lab Animal Medicine for Covance, you will provide veterinary health care for laboratory animals, give advice regarding the care and maintenance of laboratory animals, and provide training for technicians. You will also monitor animal health and welfare in compliance with the Animal Welfare Act, help maintain facilities for AAALAC compliance, provide oversight of multiple programs involving
laboratory animal care and use, and ensure compliance with regulatory groups and agencies.

**College Veterinarian**

**Hunter College**, a senior college of the **City University of New York (CUNY)**, is seeking applications from qualified candidates for the position of attending veterinarian. The predominant research species are rodents (with large numbers of genetically modified mice), birds, and fish. The College is beginning an animal facility renovation project and intends to apply for AAALAC accreditation. The college veterinarian, in cooperation with the IACUC is charged with maintaining the program of animal care and use at the College. The veterinarian’s responsibilities will include all clinical duties associated with the program, including: sentinel and quarantine programs, vendor screening, oversight of animal import and export and all diagnostics. The veterinarian will provide surgical training to researchers and staff and oversee the use of analgesia/anesthesia and post-op care. The veterinarian will be responsible for compliance with animal welfare regulatory agencies and assuring that all protocols are in accordance with the regulatory standards.

**Director of Campus Animal Resources and University Attending Veterinarian**

**Michigan State University** invites applications for the newly created position of Director, Campus Animal Resources and University Attending Veterinarian. Responsibilities will include oversight of the health and welfare of all animals used in University research and teaching, including a program of veterinary care and preventive medicine. Leadership duties for the Director of Campus Animal Resources include budgeting, personnel management, and long-term planning. The individual will direct the veterinary and animal care staff, maintain strong communications with investigators, and be responsible for oversight of care and use of research and teaching animals at all on-campus and off-campus sites. This individual will provide guidance to the animal care and use program in order to maintain campus-wide AAALAC accreditation. The Director/AV will serve as a member of the Institutional Animal Care and Use Committee and will report to the Institutional Official or their designate.

**Clinical Veterinarian**

**Southern Research Institute**, a diversified network of collaborative centers for scientific discovery and technology development, has an immediate opportunity for a Clinical Veterinarian to provide clinical support and appropriate clinical intervention within a laboratory setting. The Clinical Veterinarian must be able to apply regulatory guidelines and maintain compliance within the vivarium and its procedural programs.

This individual will be required to perform the following duties:

- Provide advice for infectious, toxicological and surgical protocols.
- Provide training and guidance to veterinary and study technicians.
- Develop and perform unique and multifaceted dosing procedures.
- Develop and update Standard Operating Procedure (SOPs).
• Insure adherence to complete and ethical care standards.
• Follow Good Laboratory Practices guidelines.
• Provide clinical support and perform work in a BSL-3 environment.

Veterinary Surgeon  
Pfizer, Groton, CT

In this role you will be responsible for the delivery of the Surgical Research Program in Groton, CT and for WWCM (Worldwide Comparative Medicine) globally, involving the preparation of high quality surgically modified animals for Pfizer’s research program, to provide expertise to Pfizer scientists and introduce novel surgical approaches that improve the predictive value of current instrumented models. Also participates in the execution of the Program of Veterinary Care. Reporting to the Director of Laboratory Animal Medicine and Surgery (LAMS), you will be expected to introduce new approaches, strategies and/or methodologies that improve productivity and regulatory outcomes, engage other disciplines and subject matter experts for solving complex issues, collaborate with TA partners on animal model development/refinement within area of platform competency (e.g. cardiology, neurology, ophthalmology, soft tissue/orthopedic surgery) and present original work externally in venues relevant to area of expertise (e.g. AALAS, ACLAM, ASR, or other scientific organizations).

Senior Laboratory Animal Veterinarian

The Division of Comparative Medicine at the Georgetown University Medical Center is seeking a highly motivated, team-oriented Senior Laboratory Animal Veterinarian. The AAALAC accredited animal care and use program at Georgetown University provides oversight for research animals involved in active biomedical research programs in oncology, neurophysiology, infectious diseases, functional anatomy and other basic and applied sciences. The Senior Laboratory Animal Veterinarian will assist the Director, and another veterinarian, in the provision of medical and surgical care, investigator consultation, program development, IACUC protocol reviews and training of research and animal care personnel. The candidate will participate in ongoing GLP research studies.

Director of Animal Resource Facilities and University Veterinarian

The University of South Carolina (USC), Columbia, SC, invites nominations and applications for Director, USC Animal Resource Facilities (ARF), and University Veterinarian. USC is a research intensive institution that attracts over $170 million annually in external funding. Biomedical research is a major research focus at USC, and ARF provides care and management of all animals used in research and teaching at the university. ARF is centrally administered, and the Director reports to the USC Vice President for Research. The ARF Director has delegated authority for policy and program monitoring and direct responsibility for the management of laboratory animal resource services and facilities at USC and its regional campuses. The Director will be responsible for the recruitment of an Associate University Veterinarian to assist in veterinary duties and management as well as oversight of the university's various animal research programs.
Sr. Research Veterinarian
Scott & White Cancer Research Institute
Temple, TX

The Scott & White Cancer Research Institute (CRI) is seeking a Senior Research Veterinarian. The animal research program at the CRI is currently focused on FDA, NIH, and other sponsored investigative compound research or laboratory research. The Senior Research Veterinarian is responsible for providing veterinary care for multiple species, consulting in animal-use protocol development, assisting with surgical procedures, training for compliance with various animal welfare regulations, enabling and ensuring that the CRI and Scott & White remains AAALAC accredited, and maintaining compliance with USDA and Public Health Service requirements. The ability to interact effectively with colleagues is essential, as is a demonstrated commitment to the welfare of research animals. The Senior Research Veterinarian may serve on the IACUC and assist the Director of the Animal Care for the Institution. Practical experience with primate medicine is essential. This will be a SECURITY SENSITIVE POSITION; employment contingent upon background check.

AALAS National 2006
Salt Lake City
Secretary Treasurer Chuck Raflo

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_infoQuask.HTML
President Mike Kastello called the meeting to order at 5:05 p.m.

President Kastello recognized the new Diplomates in attendance, the new Board of Director’s members, the current officers and former members of the Board.

Secretary-Treasurer’s Report: Chuck Raflo reported that the Board of Directors has been hard at work since the Forum having held two teleconferences. The first was to review and approve the 2006 examination pass point while the second discussed a wide variety of topics. At the Board meeting on Sunday, October 15, the Board approved the minutes of the September 8 teleconference after some minor revisions. The minutes of the Forum General Business Meeting were published in the September Newsletter. It was moved, seconded and approved to accept the minutes of the Forum General Business Meeting with no changes. Earlier today, six new Diplomates attended the New Member Orientation.

Financially, ACLAM continues to do well. Investments have improved because of the investment strategy and the increase in the market. ACLAM now is worth twice its operating budget. The Foundation is still seeking funds for its 2007 grant cycle. Reserves are used to fund projects not covered by dues payments. In the past few years, ACLAM has increased its expenditures due to broadened programs. At its meeting on Sunday, the Board passed its 2007 budget that included a positive balance. To accomplish this, some committee requests were reduced. If these committees require additional funds, they may request them from the Board.

Executive Director’s Report: Mel Balk informed the attendees that the College now consists of 818 Diplomates, 686 active, 117 retired and 15 honorary members. Eleven Diplomates have requested to be placed on the retired roll. Six Diplomates have not yet paid their 2006 dues. Reminder letters have been sent. Seventeen new Diplomates successfully completed the certifying examination. The ABVS annual report has been filed. The 990 federal tax forms and New Hampshire tax forms have been completed and mailed. The 2008 Forum will be held in Myrtle Beach, SC. The 2007 Forum will be held in Tucson, AZ. The 50th anniversary of ACLAM will be in 2007. The Fall 2006 Directories will be mailed shortly.

Board of Directors’ Actions and Committee Reports:
Examination Process: Helen Diggs highlighted the changes in the examination process. The entire process was reviewed by an examination professional. This process started in 2003. Recommendations to the Board included aligning the exam with the RDD and how to set a defensible pass point. Others included shortening the exam and making it all multiple-choice for easier grading. A pass point setting committee took the exam twice at a special meeting after the Forum and set the pass point. The Board approved the pass point during a teleconference. Much work has been done and more remains to be done in the future. ACLAM is ahead of other veterinary specialties in evaluating their examination processes. Excellent communication needs to be established between ACLAM, the training program directors and the candidates to keep them well informed. Concern was raised about loss of the review process and security of the questions used in the exam. Because of the need for security of the exam questions, the exam review session as previously known did not occur this year and would not occur in the future. An exam disclosure policy will be developed. The Examination Resources Committee will continue to write questions and will develop training on how to write exam questions.

Publications Committee: Gerry Van Hoosier acknowledged his very active and hard working Committee members. His goal was to improve ACLAM publications. Substantial progress had been made in the past year. Fifteen publications are in various stages of progress. The Newsletter format and content have been revised and improved as has the webpage. The new chair is Jim Fox.

AVMA/ACLAM Relations: Jim Swearengen reported on progress made to put the $28,000 GlaxoSmithKline donation to work following the restrictions placed on the funds. There were initiatives that will use some of the GSK donation and others that will not cost the College money. Examples included sending ACLAM representatives to the AVMA Leadership
Conference; having a laboratory animal medicine speaker at the AVMA Leadership Conference; and having an AVMA representative attend the Forum.

**Career Pathways Committee:** Pat Turner reported on progress made to maximize laboratory animal medicine exposure to veterinary students through speakers, a brochure and attendance at the SAVMA meeting and the Merck-Merial Symposium. A model laboratory animal medicine curriculum was developed for veterinary schools. It was sent to the AAVMC for approval and then to the Diplomates for comments. It will then be sent to the AVMA and CVMA for approval. Once approved, it will be sent to the vet school deans for consideration and implementation.

**Awards:** Mike Kastello reported on the developmental process for a number of awards to recognize our own. The Board decided to emphasize a couple of the awards especially at the 2007 Forum.

**Foster Award:** Mike Kastello reported that despite rumors to the contrary, the Foster Awards for the highest score on the written and practical portions of the exam would continue to be awarded.

**Certification Oversight Committee:** Rick Fish mentioned that the Role Delineation Document will be rewritten in 2007 at a two day meeting prior to the 2007 Forum. The prior RDD was written in 2002 and the RDD states that it will be rewritten every five years. He also mentioned that the 2007 exam will be equated with the 2006 exam. This will be done through a statistical method comparing the difficulty of the 2006 exam with the 2007 exam. The exam consultant will lead ACLAM through the process.

**International Association (IACLAM):** Kathryn Bayne reported that ACLAM, ECLAM and JCLAM formed an association to influence worldwide issues in laboratory animal medicine with regulatory bodies. Korea has also formed a college of laboratory animal medicine (KCLAM) which will be invited to join IACLAM. Representatives from the various organizations will receive guidance and direction from their respective organizations. A constitution and bylaws have been written and adopted. IACLAM will join the World Veterinary Association. This will give ACLAM a voice on the international level.

**Animal Welfare Advisory Committee:** Kathryn Bayne reported on this AVMA activity that was charged with developing guiding principles on animal welfare for the entire AVMA. The committee met twice and was sunset. The draft principles have been sent to the AVMA Executive Board which can adopt them unchanged, modify them or reject them.

**Old Business:** None.

**New Business:** None

Mike Kastello enumerated and commented on some of the significant events that have occurred during his Presidency. He thanked the members of the Board, committee chairs and members for their hard work. He recognized Mel and Judy Balk for all their efforts on behalf of the College. Also recognized were the new members of the Board, Sue Vandewoude and Jeff Everitt, the new Vice President, Steve Leary, and the incoming President, Bill White. He thanked Linda Toth for her service on the Board (not present; plaque to be mailed) and presented Helen Diggs with a plaque for her service on the Board. He introduced the new President, Bill White.

President Bill White presented Mike Kastello with a plaque for his service as President. He stated that he intends to hold the present course stating that some changes will be made like sunsetting some committees and developing metrics to measure how successful the organization has been in performing its mission. He desires to focus on the certification process, recruiting into the field, preparation for the exam, taking a leadership role on the national and international scenes and communication within the College.

The meeting was adjourned by President White at 6:22 p.m.

Respectfully submitted,
Charles P. Raflo, D.V.M., M.S.
Saturday May 5, 2007 (Pre-Forum Activity)

9:00am – 5:00pm  C.L. Davis Pathology of Laboratory Animals Course

Sunday May 6, 2007

8:00am - 5:00pm  ACLAM BOD Meeting
9:00am - 12:00am  Review of the Exam Process
Noon - 6:00pm  Registration
5:00pm - 6:00pm  Business Meeting
6:00pm - 8:00pm  Opening Reception

Monday May 7, 2007

8:00am - 10:00am  Scientific Session #1: Pain and Distress Discussion
10:00am – 1:00pm  Scientific Session #2: Inhalant Euthanasia Interactive
1:00pm - 2:00pm  Lunch
2:00pm - 5:00pm  Scientific Session #3: Fact vs. Myth in Laboratory Animal Science and Medicine
5:30pm - 6:30  Free
6:30pm - 7:30pm  Pre-Dinner Reception
7:30pm - 10:00pm  50th Anniversary Dinner and Awards Ceremony

Tuesday May 8, 2007

8:00am – Noon  Auxiliary Activities
Noon - 1:00pm  Lunch
1:00pm - 5:00pm  Scientific Session #4: Aquatic Husbandry, Biology and Diseases
5:00pm - 7:00pm  Free
7:00pm - 10:00pm  Scientific Session #5: Aquatic Workshop and Wet Lab (Optional)

Wednesday May 9, 2007

8:00am – Noon  Scientific Session #6: New Technologies in Genetically Modified Animals
Noon  Forum Adjourned
Nominating
Mike Kastello -Chair  2007
Chris Abee  2007
Helen Diggs  2007
Margaret Landi  2007
Tim Mandrell  2007
Bill White - BOD Liaison  2007

Credentials
Lonnie Kendall – Chair  2007
Donna Jarrell  2007
Wanda West  2008
Cornel Kittell  2008
Kelvin Buchanan  2009
Anthony Cook  2009

Publications
Jim Fox – Chair
Marc Hulin  2007
Jon Reuter  2007
Lynn Anderson  2008
Ron Wilson  2009
Ann Kier  2009
Kate Pritchett-Corning  2009

Webmaster
Steve Fisk
Mel Balk – BOD Liaison

Newsletter Editor
Nanette Kleinman
Chuck Raflo-BOD Liaison

Recertification
Joan Cole-Chair  2007
Bruce Scharf  2007
James O’Malley  2008
Akiko Sato  2008
Judy Coman  2009
Steve Harvey  2009
Sue Vandewoude – BOD Liaison

Training Program Oversight
Terri Clark- Chair  2007
Stephen Dalal  2007
James Macy  2007
Valerie Bergdall  2008
Peter Schultheiss  2008
Brian Karolewski  2009
Karen Vargas  2009
Marcia Etheridge-BOD Liaison

Foundation
Martin Morin-Chair
Gregory Boivin-Scientific Director
John Hasenau  2007
Anna van Heeckeren  2007
Andrew Wilkinson  2007
Joe Newsome  2008
John Donovan  2008
Kelly Garcia  2008
Jennifer Pulliam  2008
George Langan  2009
Marc Hulin  2009
James Macy  2009
Mark Whary  2009
Lynn Keller-BOD Liaison

Adjunct Members
Amy Andrews
Taylor Bennett
Rudolph Bohm
Alan Brady
Marilyn Brown
Pat Brown
Marlene Cole
Mary Ellenberger
Henry Foster
Jim Geistfeld
Lyndon Goodly
James Goodrich
Tom Hamm
Terry Hawk
Ann Hobbs
Donna Jarrell
Lynn Keller
Jack Kinkler
Noel Lehner
Teresa Liberati
Jim Macy
Jim Pick
Jerold Rehg
Robert Russell
Moshe Shalev
Dennis Stark
Dave Valero

Forum for Life
Pierre Conti-Chair
(Pierre will make appointments)
Lynn Keller – BOD Liaison

Planning
Karl Field- Chair  2007
Chris Newcomer  2007
Peg Batchelder  2008
Michael Koch  2008
Clay Hadick  2009
Beth Ford  2009
Jim Swearengen-BOD Liaison

Certification Oversight
Lucy Senter – Ch 2yr Term 2007
James Harper  2007
Randy Elkins  2008
Don Casebolt Vice-Chair  2008
Robert Quinn  2009
John Parrish  2009
Mark Kovacs  2010
Craig Wardrip  2010
Rebecca Wiltshire  2011
Jim Sheets  2011
Rick Fish-BOD Liaison

COC Sub-Committee to Implement
Exam Consultant’s Recommendations
Craig Wardrip-Chair  2008
Janet Rodgers  2008
Dan Morton  2008
Jeff Fortman  2008
David-Lee Parritz  2008
Lucy Senter-Ex-Officio  2008

Examination
Janet Rodgers – Co-chair  2007
Bernie Doening – Co-ch  2007
Phil Tillman  2007
Terrie Cunliff-Beamer  2008
Darrell Hoskins  2008
George Lathrop  2009
Judith Nielsen  2009
Teresa Liberati  2009
Mark St. Claire  2010
Lois Zitzow  2010
Eric Nelson  2010

Exam Resources Committee
Veronica Jennings – Chair  2007
William Feeney  2007
Judy Fenyk-Melody  2007
Steve Denny  2007
Lesley Colby  2008
Iris Bolton  2008
David Pinson  2008
Joe Simmons  2009
Deb Mook  2009
Sonja “Scout” Chou  2009

Government & Regulatory Affairs
Lynn Anderson –Chair  2009
Terry Hawk  2007
John Hasenau  2007
Chris Newcomer  2008
Mike Fallon  2009
Leanne Alworth  2010
David DeLong  2010
Nirah Shomer  2011
Dale Martin  2011
Stacey Pritt (Ad Hoc)
APS ad hoc representative
Jim Swearengen-BOD Liaison

Adjunct Members
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Taylor Bennett
Rudolph Bohm
Alan Brady
Marilyn Brown
Pat Brown
Marlene Cole
Mary Ellenberger
Henry Foster
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APS ad hoc representative
Jim Swearengen-BOD Liaison
ACLAM COMMITTEES 2007
AD HOC COMMITTEES

Career Pathways
Pat Turner – Chair 2007
Stephen Curtis 2007
Pete Smith 2007
Jennifer Smith 2008
Stephanie Murphy 2008
Lyndon Goodly 2008
Thea Brabb 2009
Jori Leszczynski 2009
Sean Maguire 2009
Adjunct – Chris King
Adjunct – Howard Rush
Adjunct – Angela King-Herbert
ASLAP Liaison – Lesley Colby
Marcia Etheridge – BOD Liaison

Program – Joint with ASLAP
Terry Blankenship-Paris- Ch 2008
Pat Fritz 2007
John Dennis 2007
Terry Blankenship-Paris 2008
John Long 2008
Guy Mulder 2009
Christine Lieggi 2009
David Schabdach –Ex Officio-AVMA
Sue Vandewoude– BOD Liaison

Historians
David Small-Photo-historian

Camp ACLAM
Pat Fritz-Chair 2007
Francis Sun 2007
Claire Hankenson 2008
Mary Ann Vasbinder 2008
Doug Taylor 2009
Deb Hickman 2009
Tim Morris-BOD Liaison

Awards
Mike Swindle-Chair
Chris Abee
Chris Parks
Hilton Klein
Mike Kastello-BOD Liaison

Representatives to International Association of Colleges of Lab Animal Medicine (IACLAM)
Kathryn Bayne
Patricia Turner

Representative to ABVS
L Anderson 2008
K Smiler (Alternate) 2008

Representative to AAALAC
H Rozmiarek 2008
Hilton Klein (Alternate) 2008

Executive Director Back-up
W White

AALAS Affiliate Contact
M Balk

Representative to ICLAS
D Ruble

AAVMC Liaison
H Rush

Governance
Mike Kastello
Bill White
Jim Swearengen
No BOD liaison

ACLAM COMMITTEES 2007
AD HOC COMMITTEES

2005-2006 ACLAM BOD:
Front Row: Lynn Keller, Mike Kastello, Helen Diggs
Back Row: Mel Balk (ACLAM Executive Director), Bill White, Chuck Raflo, Rick Fish,
Kathryn Bayne, Marcia Etheridge, Tim Morris, Jim Swearengen
Not Present: Jeff Everitt, Steve Leary, Linda Toth, Sue Vandewoude