A MESSAGE FROM THE PRESIDENT OF ACLAM

Dear Colleagues:

Not long ago, I had the privilege of being the Board of Directors liaison to the New Diplomate Welcoming Committee. What does a BOD liaison do? We join committee meetings, help with communications to the BOD, and occasionally provide some help with processes. In other words, we get most of the fun, and not much of the work. If you haven’t interacted with this committee, you really should. Their enthusiasm for our profession is energizing and inspiring, and their goal of integrating newer college members and onboarding seamlessly is laser focused. I wish we had this resource back in my early career.

During one of the NDWC meetings, there was a discussion about the ACLAM pins, why the College provides them, did people even want them, and were they pertinent to current members. After a moment of reflection, I explained what the pin meant to me: This was a symbol, and a powerful one. Before taking the board exam, I noticed that pin on the collars and lapels of the great ones in our field - they were members of the elite professional organization to which I aspired. It meant accomplishment, dedication, and excellence. When I received mine, it was an honor to wear it, demonstrating I was part of this organization.

Times change, and while the pride of being an ACLAM Diplomate hasn’t, the tradition of wearing the pin has. The pin is viewed by some as old fashioned or incompatible with current attire (how many people even have lapels anymore?). We’ve moved with the times, and now offer alternative jewelry items for new diplomates, ones that better fit current tastes and style. Symbols still matter, and our elegant design speaks without words. We wear it with pride.

Please join us at the Forum in lovely St. Pete Beach, Florida. Our hard-working program committee has put together an incredible set of topics and speakers, and I’ve personally put in an order for incredible weather that week.

Donna

Donna Clemons, DVM, DACLAM
ACLAM President
In January, GRAC and LRAC met jointly and reviewed the release of the AVMA Euthanasia Guideline updates and the intent of OLAW to seek public comment about implementation of these changes. Several old items including the NABR complaint with the DOT and the ILAR NASEM Dog study are still pending. LRAC will recommend that the AVMA archive the Random-source Dog and Cat Guideline since the USDA is not currently licensing Class B dealers thereby making this Guideline moot.

In new business, GRAC is drafting a response to the request for information from ORIP (Office of Research Infrastructure and Programs) regarding their strategic plan, and will submit the draft to the ACLAM BOD prior to submission to ORIP.

In federal legislative action, the 2020 Labor HHS-Education spending bill contained language requesting a report on NHP use and alternatives to their use. While this language was not too concerning, the Appropriations bills however, had several last minute items added which are more problematic. Specifically, added language requires USDA/APHIS to make records such as inspection reports, enforcement records, noncompliance reports, and annual research facility reports available publically without redaction except for signatures. In addition, language added to the VA appropriations bill limits dog, cat, and NHP use, with exceptions needing to meet specific criteria as verified by the Secretary of the VA. It appears that the Appropriations approach is being used rather than a Legislative approach as a way to insert new requirements. These new requirements are often added at the last minute, or buried in Appropriations bills, making it hard to pre-emptively address the changes.

If you have ideas or concerns about legislative or regulatory activity impacting animal research, please do not hesitate to reach out to ACLAM leadership or the Chair and Vice-chair of the GRAC, Heather Narver and Matt Hogan, respectively. We also encourage you to voice your concerns with the governmental relations people at your institutions, and with your local Congressional representatives.

IACLAM: An update

The International Association of Colleges of Laboratory Animal Medicine (IACLAM) was established in 2005 following development of a constitution, bylaws, and election of officers. It is a formal association of the four existing colleges of laboratory animal medicine (American College of Laboratory Animal Medicine, ACLAM; European College of Laboratory Animal Medicine, ECLAM; Japanese College of Laboratory Animal Medicine, JCLAM; and Korean College of Laboratory Animal Medicine, KCLAM). IACLAM is also the only...
veterinary specialty organization to be a full member of the World Veterinary Association (WVA). When IACLAM was established, ACLAM phased out its International Committee, which previously assisted with the exchange of information between lab animal vets working outside of the U.S. and ACLAM. The Board of IACLAM consists of 3 representatives appointed from each of the four colleges of laboratory animal medicine (LAM) that exist today. As more colleges of LAM develop, they will also be invited to join and appoint Representatives to the IACLAM board. The current ACLAM Representatives to IACLAM include Michele Bailey, Joe Thulin (ACLAM BOD liaison), and Pat Turner (also IACLAM Past-President). Hilton Klein, who is board certified in both ECLAM and ACLAM, is the current President of IACLAM. IACLAM representatives meet quarterly by teleconference to discuss ongoing projects and to share information of mutual interest between the different colleges of LAM.

The mandate of IACLAM is to provide a common global platform to promote welfare and responsible use of laboratory animals through training and certification of veterinary specialists, education of the research community, dissemination of information relevant to laboratory animal medicine, and research partnership. Examples of how IACLAM has realized these objectives and promoted refinement have included participation of representatives on the research animal chapter of the OIE’s Terrestrial Code (Chapter 7.8, https://www.oie.int/doc/ged/D10905.PDF), discussions related to global transportation of laboratory animals, updates to the CIOMS statement for biomedical research, on joint committees with ICLAS to establish global scholarships in LAM, and on committees to harmonize animal welfare requirements within ISO 10993 standards (biocompatibility standards for medical devices).

Two recent IACLAM projects of potential interest to ACLAM members include the taskforce on rodent euthanasia and the taskforce on laboratory animal veterinarian (LAV) training. The taskforce on rodent euthanasia was formed to review criteria for an acceptable death and determine which measures should be used to evaluate each criteria, and to objectively review the literature regarding methods of euthanasia of rodents (focusing on gaseous methods) in laboratory settings to determine whether sufficient information is available to be able to recommend best practices for rodent euthanasia. This group went on to conduct a systematic review of CO2 use in laboratory mice and rats, which has recently been submitted for publication. The training taskforce has been evaluating the internal processes and standards used by each college of LAM for training and qualifying veterinarians as Diplomates. This is important for ensuring high standards are in place for all LAM specialty colleges as well as benchmarking expectations for new colleges of LAM.

IACLAM representatives will be meeting this summer for the first time to develop a strategic plan for the organization. Because ACLAM is a key stakeholder, input will be solicited from the College regarding future possible directions for IACLAM.

2020 Lindsey Distinguished Lecturer

Dr. Linda Cork will present the James Russell Lindsey Memorial Lecture as part of the ACLAM Forum on Monday, May 4, 2020. This Lectureship recognizes individuals that have made significant contributions to the mission of the College in education, training and research. Dr. Cork is a member of the National Academy of Medicine and has served on advisory committees for the National Institutes of Health and the National Academies of Science. She is currently Emeritus Faculty and past Professor & Chair of Stanford University School of Medicine Department of Comparative Medicine. She is a Diplomate and Distinguished Member of the American College of Veterinary Pathologists, an Active Member of the Institute of Medicine, Distinguished Alumni of Texas A&M University and a Fellow of the American Association for the Advancement of Science. Dr. Cork is well known for her research concerning neurologic disease in humans and animals. Dr. Cork’s lecture is titled “Adventures in Comparative Medicine”. We are proud to invite you to join us in listening to Dr. Cork describe her experiences as a scientist, pathologist and mentor.
Call for Posters for the 2020 ACLAM Forum

The 2020 ACLAM Forum will be held May 3-6, 2020 in St. Pete Beach, FL. As in years past, we are inviting abstract submissions for poster presentations. Recognizing that not all attendees are able to go to both the AALAS and Forum meetings, posters from the AALAS meeting will be accepted for presentation. Posters presented at other meetings will also be accepted pending approval by the selection committee. Abstracts should be limited to 300 words or less. The abstract should be a concise summary of the information in the poster, and should not contain graphs, tables or figures. It should include a title, author(s) and author affiliation(s). Please send abstracts to Jeanne Wallace at jeanne.wallace@vumc.org by Friday, April 17, 2020. Note that we are very liberal on poster acceptance!

ACLAM Recertification

ACLAM established a program of recertification in 2003 to assist active Diplomates in maintaining the quality of their educational expertise and to provide recognition of such qualifications. The purposes of formal recertification can best be met by consistent, documented participation in a combination of scholarly activities, professional development, and service to veterinary medicine, the laboratory animal specialty, and the biomedical community.

Recertification is required at 8-year intervals, commencing with the first calendar year following initial certification. The recertification periods are staggered so that only about 1/8 of the ACLAM membership comes up for recertification each year. A total of 400 recertification credits must be attained during each recertification period. Credit submission is based on the honor system.

Activities not included in this list that demonstrably contribute to an individual’s professional development or maintenance of currency in the laboratory animal medicine specialty will be considered by the Recertification Committee.

How to Submit CEs for Recertification

To submit continuing education units for your ACLAM recertification, please go to https://www.aclam.org/certification/recertification. On the right hand side of the page, please see the “How to Submit CEs” article. For questions regarding your recertification, please email Nancy Dorcy at nancy.dorcy@aalas.org.

Maintaining Certification starting in 2016

For all Diplomates starting with 2016, newly issued Diplomate certificates are time dated, and these Diplomates will be required to fulfill the requirements of our recertification program to maintain their certification. This Maintenance of Certification (MOC) is now required by all veterinary specialties recognized by the AVMA’s American Board of Veterinary Specialties (ABVS).
FOUNDATION NEWS

The ACLAM Foundation seeks to expand knowledge supporting biomedical research and the health and welfare of research animals through the funding of research grants.

Fun at Forum: ACLAM Foundation Favorites in Florida

Set aside some free time during this year’s Forum and look forward to supporting the ACLAM Foundation! Events coming up will include a wine tasting, nature outings, a photo contest, and a potential golf outing. Raffle prizes and our silent auction will return with spa packages, unique collectibles, and other surprises. Look for more information on the ALCAM Facebook page and upcoming emails.

EDUCATIONAL OPPORTUNITIES

Veterinarian Fellow
Frederick National Laboratory, Frederick, MD

LASP seeks to invite applications for a one-year postdoctoral fellowship program at the NCI-Frederick for Veterinarians desiring further experience and training in laboratory animal medicine and cancer research using animal models. The fellow will be embedded in the Laboratory Animal Medicine (LAM) portion of LASP to be trained by a team of LASP veterinarians and scientists, with all aspects of research overseen by the senior (attending) veterinarian in LASP Frederick. The fellow will participate in a variety of services in LAM-Frederick and LAM-Bethesda, including animal breeding and health monitoring, receiving and quarantine, surgery and necropsy, ABSL1 and ABSL2 practices, gnotobiotics, small animal imaging, molecular pathology, animal modeling, rederivation and cryopreservation, and working with various regulatory oversight committees (Animal Care and Use Committee, Institutional Biosafety Committee and Quality Assurance). The fellow will gain experience in other regulatory functions like completing the OLAW annual report, OLAW assurance, USDA annual report and AAALAC site visits. The fellow will also gain experience working with species often used in laboratory animal sciences, including Mice, Rats, Xenopus, Zebrafish and Macaques. Fellow who complete the program will earn an FNLCR “certificate of training” and gain a better understanding of the principles and practices of laboratory animal medicine. This intensive training would also well-prepare the fellow for specialty boards exams (e.g. ACLAM). Dedicated time to study for the boards will be provided.

Online application can be submitted at the following link:
https://leidosbiomed.csod.com/ux/ats/careersite/4/requisition/902/application?c=leidosbiomed#1
OPEN POSITIONS
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/jobs. NOTE: Ads are listed chronologically by posting date, most recent first, and will appear for approximately 90 days.

- Contact Nanette Kleinman at 216-496-2903 or nanettekleinman@gmail.com for additional information about ACLAM Newsletter and website ad posting.

**Director, Division of Comparative Medicine**
*Massachusetts Institute of Technology, Cambridge, MA*

The MIT Division of Comparative Medicine, in partnership with the MIT Department of Biological Engineering, invites applications for the Director, at the tenured faculty level, with a start date of 1 July 2020 or a mutually agreeable date thereafter. Applicants should hold a DVM from an AVMA accredited veterinary school by the beginning of employment, with demonstrated expertise in a discipline which applies molecular/cellular bioscience to any area, including the study of the microbial/host interface in health and disease with interests in microbial pathogenesis, microbiome bioinformatics, immunology, oncogenesis, or pathobiology. The selected candidate will develop and sustain an extramurally funded research program, supervise graduate and postdoctoral fellows and have the opportunity to teach graduate and undergraduate classes if desired. Importantly, the selected candidate will have the opportunity to expand an already world-class program in comparative medicine.

The Director will provide direction and administrative coordination to facilitate the Division’s role in providing expertise and support to investigators using animals in biomedical research and teaching; to conduct grant funded research and develop animal models pertinent to biomedical research; to provide postdoctoral training to veterinarians seeking careers in biomedical research; develop scientists within the Division who can successfully compete for grants.

Candidates must register with the BE search website at http://be-fac-search.mit.edu,

**Assistant Director, Animal Welfare Division**
*American Veterinary Medical Association, Schaumburg, IL*

Reporting to the Division Director, the Assistant Director’s primary role is to assist the Director and other Division staff in implementing AVMA policies and objectives related to animal welfare. The Assistant Director provides scientific staff support to assigned governance entities that develop and recommend policy for the AVMA. They will work collaboratively with volunteer leadership and other staff to identify and research related issues of importance to the profession; and will also assist in developing and maintaining informational and educational materials and programs addressing animal welfare and humane endings for use by veterinarians, governmental agencies, other nongovernmental organizations, and the public. The incumbent should have experience working with stakeholders with varying perspectives; experience in laboratory animal medicine and research is a plus. Approximately 15% travel.

Application must include cover letter, resume, recent publications & salary requirements. Submit to: apply@avma.org.
**Animal Program Director**  
*Department of Health and Human Services, National Institutes of Health*  
*National Institute on Aging, Intramural Research Program*

The National Institute on Aging (NIA), a major research component of the National Institutes of Health (NIH) and Department of Health and Human Services (DHHS), is recruiting for a Staff Scientist/Facility Head to serve as Animal Program Director (APD), Chief, Comparative Medicine Section within the NIA Intramural Research Program (IRP), located in Baltimore, MD. The incumbent will report to the Scientific Director and will be responsible for an Association for the Assessment and Accreditation of Laboratory Animal Care (AAALAC) accredited Animal Care and Use Program and for support of the animal research programs in the IRP, studying animal models of development and aging, and interventions to prevent or alleviate aging-related deficits. A Doctor of Veterinary Medicine (or equivalent degree) with specialty training and experience in laboratory animal medicine is required. Board certification by the American College of Laboratory Animal Medicine is desired, and veterinarian licensing in the United States is required. Experience and additional training in veterinary pathology is a desirable competency.

To apply email: niairpjobs@mail.nih.gov.

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**Assistant Professor, Department of Comparative Medicine**  
*University of Washington, Seattle, WA*

The Department of Comparative Medicine (DCM) at the University of Washington School of Medicine invites applications for a laboratory animal veterinarian and scientist in a full-time position as Assistant Professor without tenure due to source of funding. This is a 12-month service period (July – June) position with an anticipated start date of February 1, 2020. Responsibilities of this position will involve research (50%), and veterinary medical, regulatory, surgical, and teaching/scholarly activities (50%). Participation in clinical care of all laboratory animal species, with weekend and holiday work is required. Responsibility for mentoring of veterinary residents in regulatory medicine is required.

Candidate should have demonstrated research knowledge and experience as shown by having past and current relevant research publications independent and/or collaborative grants relating to the area. A successful candidate will be expected to establish an independent research program including preparation of independent and collaborative grants and manuscripts, and teaching and mentoring of graduate students and fellows. Candidate should also have experience as a laboratory animal veterinarian. Candidate will oversee, guide and teach veterinary technicians and laboratory animal residents in the clinical, regulatory, and surgical care of a wide variety of laboratory animal species in both informal and didactic settings.

Letter of intent and CV should be addressed to Dr. Thea Brabb apply via Interfolio at this link: [https://apply.interfolio.com/70013](https://apply.interfolio.com/70013).

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**Veterinary Assistant Professor, Department of Comparative Medicine and Division of Laboratory Animal Resources**  
*Medical University of South Carolina, Charleston SC*

Clinical responsibilities will focus on working in providing clinical service for investigators using animals in facilities managed by the Division of Laboratory Animal Resources (DLAR) at the Medical University of South Carolina (MUSC). Serve as a primary clinical veterinarian for
laboratory animals at MUSC including providing postoperative care within the Surgical Research Laboratories managed by DLAR. Rotate being on call for after hour service at night, on weekends and on holidays with the other veterinarians in Comparative Medicine.

Requirements:

• D.V.M. or V.M.D. Degree from a college/school of veterinary medicine that is accredited by the American Veterinary Medical Association. Will be expected to become licensed in the State of SC, board certified in the American College of Laboratory Animal Medicine.
• Develop collaborative and/or independent research funding.
• Ability to manage a team of Veterinary Technician staff.
• Experience in laboratory animal medicine.
• Provide weekend and holiday veterinary on-call coverage on a rotational basis.
• Knowledge of care for germ-free, transgenic mice, etc. is desirable.
• In-depth knowledge of Federal Animal Welfare Regulations, AAALAC standards, and other relevant laws, policies, and guidelines for humane animal care and use.


Assistant Veterinary Specialist
University of Arizona, Tucson, AZ

The University of Arizona’s University Animal Care is seeking an Assistant Veterinary Specialist. This is a Continuing-Eligible position at the Assistant Veterinary Specialist rank. The incumbent reports to the Director and participates in the preventive health care and clinical veterinary medicine programs for vertebrate laboratory animals, with emphasis on rodent and large animal (pig, sheep, NHP) models, anesthesia, analgesia, and surgical support. The incumbent also: participates in training related to animal care and use; oversees assigned animal facilities; consults with investigators on animal model selection, anesthetic/analgesic regimens, and IACUC protocol development; performs primary or veterinary review of IACUC protocols; provides UAC representation on University committee(s) relevant to the animal care and use program; and participates in departmental management decisions, university service, teaching and research.

To apply, complete the application at: www.uacareers.com, search posting number: F22191.

Associate Director, Veterinary Resources/Institute Veterinarian
Texas Biomedical Research Institute, San Antonio, TX

Southwest National Primate Research Center and Texas Biomedical Research Institute is seeking an Associate Director, Veterinary Resources/Institute Veterinarian to be responsible for ensuring appropriate veterinary care and regulatory compliance consistent with Standard Operating Procedures and in accordance with the Animal Welfare Act and The Guide for the Care and Use of Laboratory Animals. The successful candidate will be responsible for overseeing and effectively leading the veterinarian staff ensuring optimum animal care and superior staff performance. Duties include managerial oversight of animal resources maintained by the SNPRC. Working closely with the SNPRC Director and the existing Associate Director of the Research Resources in preparing base grant renewal applications and progress reports, as well as grant applications for construction, renovation, and primate resource development. Working with the Institutional Official and IACUC to ensure animal welfare at Texas Biomedical Research Institute. This includes but is not limited to implementation of the preventative health program,
disease surveillance and prevention, administering analgesics and anesthetics, participating in the DEA controlled substance program, surgical and post-surgical care of research animals, diagnosis and treatments of diseases. (https://www.snprc.org).

Apply online at https://txbiomed.csod.com/ux/ats/careersite/1/home?c=txbiomed.

**Laboratory Animal Veterinarian**  
**Mayo Clinic – Rochester, MN**

Mayo Clinic is seeking a Laboratory Animal Veterinarian for a Faculty Position in the Department of Comparative Medicine in Rochester, Minnesota. The Department of Comparative Medicine supports a wide variety of biomedical research programs including transgenic rodent projects and translational large animal models involving surgery and advanced imaging. Animal programs and facilities are AAALAC-accredited.

Duties will include providing clinical laboratory animal care to a wide range of species, consulting with investigators from multiple disciplines, assuring regulatory compliance, and participating in the administration of the established programs. Educational responsibilities include teaching graduate students, training animal support staff, and delivering didactic and hands-on clinical training to laboratory animal residents enrolled in an ACLAM-recognized training program. Opportunities exist for involvement in the direction of the residency program and research mentorship.

Applications should include a CV (with bibliography), statement of professional interests and goals, and the names/contact information of 2 references. Apply here: https://jobs.mayoclinic.org/jobs/laboratory-animal-veterinarian-126863br.

**Senior Associate Scientist - Surgical Lead, In Vivo Research**  
**Amgen, Thousand Oaks, CA**

The Safety Pharmacology and Animal Research Center (SPARC) at Amgen is currently seeking a scientifically minded team player to join the SPARC Surgical Staff (SST) team. This dynamic team manages all aspects of in vivo health care for multiple species and provides a high level of scientific and technical aspects of surgery including operative support to multiple therapeutic areas for in vivo studies. This role will collaborate closely with members of the SPARC and Discovery Research teams to support a wide range of animal research and models.

- Establishing routine surgical procedures and new techniques.
- Proficiency in veterinary research surgery, anesthesia/analgesia techniques.
- Providing expertise in research bio-methodology techniques.
- Communicating, collaborating and consulting with veterinarians, peers and scientific investigators.
- Providing oversight of surgery facilities.
- Providing leadership in the design, preparation and execution of research studies.
- Presenting study results.
- Reviewing and authoring technical documents for in vivo procedures and administering training.
- Mentoring team members.
- Performing clinical duties including occasional weekend calls.
- Participating in IACUC activities.
- Conducting on-site audits.

To apply, please visit us online at http://careers.amgen.com/ and search job #R-90526.
Sr./Clinical Veterinarian  
University of Pittsburgh, Pittsburgh, PA

The Division of Laboratory Animal Resources (DLAR) at the University of Pittsburgh has an opening for a laboratory animal veterinarian at the Clinical Veterinarian (Clinical Instructor) or Senior Clinical Veterinarian (Clinical Assistant Professor) level.

Responsibilities include 1) provision of vet care and research support to a variety of species according to current practices, regulations, and standards; 2) oversight of technical staff; 3) providing guidance to research personnel; 4) personnel training; 5) effective communication and collaboration; 6) oversight and direction to at least one component of the vet care program (Sr. Clinical Vet); 7) develop, implement, and update practices and procedures (Sr. Clinical Vet); 8) participation on the IACUC; 9) participation in on-call rotation.

Submit a letter of intent, CV, and contact information for three references to https://www.join.pitt.edu/. Search by ID 200000094 under Faculty.

Senior Lab Animal Veterinarian  
Genentech, Inc., South San Francisco, CA

We are seeking an experienced laboratory animal veterinarian to join the Animal Resources department. Our mission is to provide excellent service and support for Genentech’s in vivo research program. We collaborate with and provide expert support to our research scientists in the discovery, characterization, and development of novel therapeutic products for a variety of human diseases. We are dedicated to providing excellent animal care, progressive veterinary medicine, and expert lab animal science knowledge. This position reports directly to the Attending Veterinarian/Director of Animal Resources.

The ideal candidate will be ACLAM board certified, board eligible, or have advanced experience and expertise in the area of lab animal medicine and be able to obtain a veterinary medical license in California.

The ideal candidate will have experience providing excellent clinical and surgical care in the lab animal field, including transgenic rodents, providing technical support to research projects, collaborating with researchers, ensuring compliance with federal regulations and AAALACi standards, and training/teaching research and lab animal staff.

Please apply online:  
https://www.gene.com/careers/detail/201912-136696/Senior-Laboratory-Animal-Veterinarian  
Or www.gene.com/careers and search Job Requisition ID: 201912-136696

Clinical Veterinarian  
University of Utah Office of Comparative Medicine, Salt Lake City, UT

The University of Utah Office of Comparative Medicine (OCM) is seeking a laboratory animal veterinarian to support continued growth in the University’s research program. Responsibilities include provision of clinical care and anesthesia support for species ranging from mice to large animals, research support, review of IACUC protocols, and assisting the Director in assuring animal welfare and compliance with federal, state, and local regulations and guidelines that govern the use of laboratory animals. The incumbent will join 4 other veterinarians and approximately 80 employees of the OCM in providing quality animal care for research animals.

To apply, please visit the University of Utah employment website at:  https://employment.utah.edu and enter the job code “PRN16197B”.

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**Clinical Veterinarian**  
*Indiana University School of Medicine, Indianapolis IN*

The Laboratory Animal Resource Center (LARC) at Indiana University School of Medicine (IUSM) is seeking a high-energy, motivated, and customer service oriented individual to join our team as a clinical laboratory animal veterinarian and Assistant Director. Research programs at IUSM encompass a broad range of biomedical research activities, including cardiovascular disease models, alcoholism, hematopoietic cancer, behavioral research, and gene therapy. The LARC provides care and housing for multiple species of laboratory animals with a major emphasis on swine, dogs, rabbits, rodents, and zebrafish. Our AAALAC International accredited program consists of approximately 90 animal program staff, including seven veterinarians.

This is a non-tenure research track faculty position. Overall duties will include but are not limited to: provision of clinical care, colony health surveillance and diagnostic services, investigator consultation and support, personnel training, and IACUC participation. Investigator assistance includes advisement on the conduct of technical services, breeding colony management, study design, and general administrative procedures.

To learn more about this opportunity or apply, visit [http://indiana.peopleadmin.com/postings/9259](http://indiana.peopleadmin.com/postings/9259).

**Director of the Division of Laboratory Animal Medicine**  
*University of Arkansas College of Medicine, Little Rock, AR*

University of Arkansas for Medical Sciences (UAMS) invites applications and nominations for a collaborative leader to serve as the next Director of the Division of Laboratory Animal Medicine and Attending Veterinarian. This is a full-time faculty appointment in the College of Medicine at a rank commensurate with the experience and academic achievement of the selected candidate for the position. The successful candidate will be responsible for division leadership and administration, clinical assessments, facility operations, ongoing training and forecasting growth of the research enterprise. The successful candidate must work closely with all research stakeholders including principal investigators, research associates, and the office of the Vice Chancellor for Research.

Interested individuals are asked to submit their CV and a cover letter addressing their experiences that fulfill the criteria for this position to Julian Tunno, Manager of Executive and Faculty Recruitment at [jtunno@uams.edu](mailto:jtunno@uams.edu).

**Clinical Veterinarian**  
*University of Florida, Gainesville, FL*

The Department of Animal Care Services (ACS) at the University of Florida, Gainesville, has an opening for the faculty position of Clinical Veterinarian (Clinical Assistant Professor).

**Responsibilities Include:**
- Provide preventive and clinical veterinary care to all laboratory animal species.
- Work with ACS clinical and surgical staff and provide comprehensive surgical support and post-operative care.
- Contribute to the development of institutional animal care and use policies and procedures as well as internal SOPs and policies.
- Participate in the training of personnel including laboratory animal medicine residents and
veterinary student interns/externs.
• Provide clinical and research support to UF investigators.
• Ensure compliance in accordance with federal, state, local and UF policies, procedures, guidelines, etc.
• Assist in animal procurement, quarantine, and acclimation.
• Assist in response to disease outbreaks.
• Assist to develop and implement environmental monitoring, environmental enrichment, and exercise programs.

Applicants may apply directly on UF’s website: https://apply.interfolio.com/73419.

Clinical or Senior Clinical Veterinarian
Northwestern University, Chicago, IL

The Center for Comparative Medicine (CCM) at Northwestern University seeks a veterinarian for appointment at the Clinical or Senior Clinical Veterinarian level. The ideal candidate will have a strong interest in large animal clinical medicine, surgery and anesthesia as well as prior experience with non-human primates. Faculty appointment as a Research Assistant Professor in the Department of Pathology is also available depending on the qualifications of the applicants. Clinical Veterinarians provide medical and surgical care for laboratory animals including, anesthesia and surgical support for both large and small animals. Additionally, they perform gross necropsy evaluations as part of the program for animal health surveillance and disease control. Clinical veterinarians also review protocols submitted by investigators as part of the IACUC review process, assist researchers in the development and preparation of IACUC protocols and assists in the development of SOPs and other documents for CCM and the IACUC. Veterinarians deliver various modes of training for CCM and research staff that use animals in research.

To apply go to Northwestern Job ID: 38303.

Director, Animal Resources and Attending Veterinarian
Mississippi State University, Starkville, MS

The Director of Animal Resources and Attending Veterinarian reports directly to the Vice President of Research and Economic Development and will serve as a member of the senior leadership team. The regulated animal care programs include facilities within the main campus in Starkville, and also facilities in Pearl and Stoneville, MS. These facilities house a wide variety of vertebrate species used in biomedical research and instruction.

The position of Animal Resources and Attending Veterinarian director is a 12-month administrative position and a 100% appointment. The incumbent is expected to collaborate with administrators, faculty, staff and students throughout MSU, as well as other universities and State and Federal agencies in Mississippi.

The position is critical to ensuring excellent animal care and welfare in all aspects of the university’s programs encompassing two AAALAC accredited units combined into a single accreditation, as well as maintaining the University’s USDA certification and OLAW assurance.

Applicants should apply online at: http://www.hrm.msstate.edu/.
**Clinical Veterinarian (part-time)**  
**Washington National Primate Research Center**  
**University of Washington, Seattle, WA**

Under the general direction of the Supervisory Veterinarian, this 50% FTE position provides critical veterinary care of nonhuman primates (NHPs) used for research and breeding at the WaNPRC. This position will have the primary duties to include but not limited to performance of specialized work related to the health, care, and management of nonhuman primates at the WaNPRC. This position requires clinical and surgical veterinary skills, the ability to maintain clinical records and databases, computer literacy, strong organizational skills, direct interaction with diverse groups within the WaNPRC, and the ability to work with minimal supervision.

This position must:

- Ensure the optimal veterinary health care of nonhuman primates (NHPs) at the WaNPRC and ensure the support of breeding programs within the WaNPRC facilities.
- Ensure the University of Washington is in compliance with federal regulations of the United States Department of Agriculture (USDA), Drug Enforcement Agency (DEA), National Institute of Health (NIH), and with accreditation standards of the Association for Assessment and Accreditation of Lab Animal Care (International) (AAALAC);
- Support the health of WaNPRC breeding colonies.

To apply go to: https://uwhires.admin.washington.edu/eng/candidates/default.cfm?szCategory=jobprofile&szOrderID=176454&szCandidateID=0&szSearchWords=&szReturnToSearch=1

**Director, Office of Lab Animal Resources**  
**West Virginia University Health Science Center, Morgantown, WV**

West Virginia University, an AAALAC accredited institution, invites applications for the position of Attending Veterinarian and Director of the Office of Laboratory Animal Resources (OLAR). This position reports to the Institutional Official (as AV) and the Senior Associate Vice President for Research at the Robert C. Byrd Health Sciences Center (as Director). The position has primary responsibilities for veterinary care of our research and teaching animals, for helping investigators conduct animal research that is humane and complies with institutional and governmental standards, and for managing our overall program of animal care and use. The program currently encompasses activities described in approximately 200 protocols by 100 principal investigators, involving rodents, rabbits, birds, aquatics, amphibians, and sheep for biomedical research and teaching housed in 46,000 square feet of recently built or renovated facilities, and various species for agricultural research and teaching on university farms. Salary will be commensurate with qualifications.

Applicants should apply at: https://wvu.taleo.net/careersection/staff/jobdetail.ftl?job=14148&tz=GMT-5%3A00&tzname.

**Clinical Veterinarian (C129000)**  
**University of Illinois at Chicago, Chicago, IL**

This position provides veterinary care in accordance with regulatory and accreditation requirements and available professional standards to overseen and implement the University of Illinois at Chicago Animal Care Program.
• Ensure adequate veterinary care by developing and supervising programs in preventative, diagnostic and therapeutic medicine.
• Review, update and develop policies and procedures to improve operational standards and efficiency.
• Develop, monitor and supervise programs for the appropriate pre intra and postoperative care.
• Perform post approval monitoring.
• Ensure use of appropriate euthanasia techniques.
• Perform regular inspections of service areas in conjunction with the supervisory staff to ensure compliance with BRL husbandry standards, the Guide and the Animal Welfare Act.
• Support administrative functions of the Animal Care Committee.
• Provide veterinary and administrative support for projects involving chemical, radiologic and biologic hazards.
• Collaborate with the supervisory staff to review performance of animal care staff.
• Perform academic duties and functions
• Participate in the postdoctoral training program in Laboratory Animal Medicine.
• Participate in technician training and continuing education programs.
• Evaluate environmental controls, husbandry practices, and enrichment.
• Develop, review, update and present teaching materials for graduate courses.

To Apply go to https://jobs.uic.edu/job-board/job-details?jobID=129000&job=clinical-veterinarian-biologic-resources-laboratory.
In Memoriam

Donald D. Holmes
DVM, ACLAM DIPLOMATE 89

Donald D. Holmes, DVM, MS, DACLAM, 89, passed away January 13, 2020. A memorial service will be held at 2:00 pm, Friday, January 24, at First United Methodist Church, Stillwater, OK.

Don was born to Raymond and Cornelia Holmes on September 12, 1930 in Mannford, OK. He attended Mannford High School and earned his DVM degree from OSU in 1954. Following graduation, he moved to Norman where he worked in a mixed animal practice. While living in Norman, he met Mary Winton Whitaker. They married on August 28, 1956 and shortly thereafter, Don was drafted into the US Army as a 1st Lieutenant receiving a Letter of Commendation. Stationed at Letterman Army Hospital, Holmes was Chief of the Experimental Animal Laboratory – the first veterinarian to hold this position. He was responsible for establishing the hospital's Surgical Research Unit.

While serving in the military from 1955-1959, Don and Mary moved around the country and lived in various places, including Chicago, Alabama, San Antonio and then San Francisco, where their son, Philip, was born.

After being discharged from the Army, the family moved back to Oklahoma. Don went on to earn a MS degree in Veterinary Pathology from OSU in 1962. Their daughter, Carolyn, was born in 1964.

Don was considered by his peers to be a pioneer in laboratory animal research. From 1962 to 1965, he worked as the first lab animal veterinarian at the Civil Aeromedical Research Institute at the Federal Aviation Agency in Oklahoma City. Under his leadership, they became AAALAC accredited.

Holmes next appointment was split between the University of Oklahoma Health Sciences Center (HSC) and the Oklahoma City Veterans Administration Medical Center (VA). Shortly after starting, he became a diplomate of the American College of Laboratory Animal Medicine (1966). Again, he was the first lab animal veterinarian at both the VA and the HSC and under his direction both were AAALAC accredited. He also assisted with pathology labs for OU medical and dental students and established a nation-wide training program for VA animal facility supervisors. In addition, Holmes served as the lab animal consultant for the OU Medical Research Foundation and the main OU campus.

The family moved back to Stillwater. From 1979 to 1986, Holmes served as the director of Laboratory Animal Resources and professor of Veterinary Pathology at OSU’s Center for Veterinary Health Sciences. He was also the attending veterinarian for OSU. He authored a handy reference book entitled, “Clinical Laboratory Animal Medicine: An Introduction” which has been distributed internationally.

His final position before retirement (1986 –1993) was Chief Veterinary Medical Officer for the Department of Veterans Affairs in Washington, D.C. He considered this to be the pinnacle of his career. He was responsible for policies, standards, etc. Then once again, Don and Mary moved back to Stillwater to begin his retirement.

In 2010, the VA recognized Holmes’ commitment and dedication to the VA Veterinary Medical Units with the establishment of the Laboratory Animal Medicine Reference Library in his name. Throughout his career Holmes was active in organized veterinary medicine. He was a member of the American Veterinary Medical Association, the Oklahoma Veterinary Medical Association, American College of Laboratory Animal Medicine, American Association for Laboratory Animal Science, and the Society of Experimental Biology and Medicine to name a few.

Holmes mentored many young veterinarians as they began their careers in lab animal medicine especially through his work with the Veterans Administration. He and colleagues created the Association of VA Veterinary Medical Officers to better coordinate activities and communications among the many VMO’s working in more than 90 VA Medical Centers across the country.

He is survived by his son and daughter-in-law, Philip and Noelle Holmes of Wichita, KS; daughter and son-in-law, Carolyn and Christopher Layden of Chester, NJ; grandchildren, Dylan and Cameron Holmes and Hannah, Joshua and Zachary Layden and cousin, Peggy MaIntire, who he always considered as a sister. Share condolences at www.CozineMemorial.com. Services by Broadway Mortuary.
2020 ACLAM FORUM
Schedule of events
Don Cesar Hotel- St. Pete Beach, FL
May 3-6, 2020

Sunday May 3

8:00am - 4:00pm  ACLAM BOD Meeting- Executive Board Room-1
1:00pm - 5:00pm  Registration – Ballroom Foyer
3:00pm - 5:00pm  Foundation Grant Proposal Review- The Harold Room
4:00pm - 5:00pm  ACLAM Business Meeting- Grand Ballroom
6:00pm - 7:00pm  Reception- Beach Pavilion
7:00pm - 10:00pm Buffett Dinner- Beach Pavilion

Monday May 4

7:00am - 8:30am  Breakfast - King Charles Room
8:00am -10:00am- General Session - Grand Ballroom
10:00 -10:30am  Break
10:30 - 11:30am  General Session - Grand Ballroom
11:30 - 12:45pm  Lunch - King Charles Room
12:45pm - 2:15pm  General Session- Grand Ballroom
2:15pm - 2:30pm  Break
2:30pm - 5:00pm  General Session - Grand Ballroom
6:00 pm - 7:00pm  Pre- Dinner Reception - Courtyard
7:00 pm -10:00pm Dinner and Awards - Grand Ballroom
Tuesday May 5

7:00am - 8:30am    Breakfast - King Charles Room
8:00am - 10:15am  General Session - Grand Ballroom
10:15am - 10:30am  Break
10:30am - 1:00pm  General Session - Grand Ballroom
1:00pm            Lunch - Boxed
1:00 - 2:00pm     Training Program Directors - Grand Ballroom with box lunch
1:30pm - 5:00pm   Leisure activities on your own

DINNER ON YOUR OWN

7:00pm - 10:00pm  After dinner refreshments - 5th Floor Foyer

Wednesday May 6

7:00am - 8:30am    Breakfast - King Charles Room
8:00am - 9:45am    General Session
9:45 - 10:00am     Break
10:00am - 1:00pm   General Session

Forum Concludes

Optional PRIM&R ½ day conference - Separate registration required
ACLAM Forum 2020
St. Pete Beach, FL May 3-May 6

Lost in Translation... Found in Biomedical Science

Preliminary Agenda
Day 1: May 4, 2020

8:15 – 10:00am: “Interactive Session: Negotiation”
Michael Sacks

10:00 – 10:15am
BREAK

10:15 – 11:15am
Russell Lindsey Lecture

Dr. Linda Cork, 2020 Lindsey Distinguished Lecturer

Dr. Linda Cork will present the James Russell Lindsey Memorial Lecture as part of the ACLAM Forum on Monday, May 4, 2020. This Lectureship recognizes individuals that have made significant contributions to the mission of the College in education, training and research. Dr. Cork is a member of the National Academy of Medicine and has served on advisory committees for the National Institutes of Health and the National Academies of Science. She is currently Emeritus Faculty and past Professor & Chair of Stanford University School of Medicine Department of Comparative Medicine. She is a Diplomate and Distinguished Member of the American College of Veterinary Pathologists, an Active Member of the Institute of Medicine, Distinguished Alumni of Texas A&M University and a Fellow of the American Association for the Advancement of Science. Dr. Cork received her veterinary degree from Texas A&M University (1970) and her Ph.D. (Experimental Pathology) from Washington State University (1974). She was an Assistant Professor in the Department of Pathology at the University of Georgia, College of Veterinary Medicine from 1974-1976 before moving to the Johns Hopkins University School of Medicine, Department of Pathology and the Division of Comparative Medicine. She rose to the rank of Professor in 1988. She was elected a Member of the National Academy of Medicine (1988) and has served on advisory committees for the National Institutes of Health and the National Academies of Science. Dr. Cork is well known for her research concerning neurologic disease in humans and animals. Dr. Cork’s lecture is titled “Adventures in Comparative Medicine”. We are proud to invite you to join us in listening to Dr. Cork describe her experiences as a scientist, pathologist and mentor.
DAY 1: Monday May 4, 2020
12:45 – 1:30pm: "Innovation in the Domain of Research Animals (When Preparation, and the Ideas of Others, Meet Opportunity)"
Mike Huerkamp

1:30 – 2:15: "What are the options for Environmental monitoring, Laboratory Information System and Electronic Medical Record Systems to Interface?"
Cory Brayton

2:15 – 2:30pm BREAK

2:30 – 3:15pm: “The High Reliability Leader”
Sharron Kirchain

3:15 – 3:45pm: “Translational Imaging in Drug Discovery”
Paul Makidon

3:45 – 4:15pm: “Preclinical Modalities in Translational Imaging”
Walter Akers

4:15 – 4:45pm: “Physiological/Metabolic Impacts in Translational Imaging and Setting up Imaging Cores”
David Stout

4:45 – 5:00pm: “Translational Imaging: Question and Answer”
Paul Makidon, David Stout, Walter Akers

DAY 1 - Evening

6-10 pm Awards Dinner (Jamie Mueller)
Day 2: Tuesday May 5, 2020

8:00 – 8:45am: “Introduction to Emotional Intelligence”
Natalie Fleury

8:45 – 9:30am: “Conflict Resolution 101”
Natalie Fleury

Joe Hampel

10:15 – 10:30am BREAK

10:30 – 11:15am: “Mouse Math: Using Grade School Arithmetic to Improve Reproducibility and 3Rs Compliance”.
Penelope Reynolds

11:15 – 12:15pm: “Increasing Value and Reducing Waste in the Use of Laboratory Data to Inform the Design of Human Clinical Trials”
Malcom Macleod

Josh Bartoe

End of Formal Lectures for Day 2 (Boxed Lunches)

Dinner on Your Own
Day 3: Wednesday May 6, 2020

8:00 – 8:30am: “Regulatory Burden”
Joe Thulin

8:30 – 9:00am: “Regulatory Burden”
Heather Narver

9:00 – 9:30am: “Regulatory Burden”
Gary Borkowski

9:30 – 9:45am: “Regulatory Panel Question: and Answer”
Joe Thulin, Heather Narver, Gary Borkowski

9:45-10:00am: BREAK

10:00 – 11:00am: “Zebrafish Management”
George Sanders

11:00 – 12:00pm: “Human Transplantation”
Linda Cendales

Day 3 - Afternoon

12:00 – 1:00pm: ACLAM Foundation Grant Recipients

“Impact of Daytime Blue-Enriched LED Light on Physiological Parameters of Three Common Mouse Strains Maintained on an IVC System”
George Voros

“The Use of CO to Euthanize Small Rodents”
Debra Hickman

“Measuring Success of Pair-Housed Rhesus Macaques”
Kristine Coleman

“Transmission Ecology of Trypanosoma cruzi within non-human primate facilities”
Greg Wilkerson

PRIM&R Half-Day Session: Wednesday, May 6, 2020
The appropriate selection of experimental endpoints that are both humane and scientifically sound is at the core of responsible animal care and use. However, ensuring that humane endpoints are effectively implemented in various species and experimental models can be a complex and challenging task. Through a combination of presentation and scenario-based discussion, this program will provide a general overview of humane endpoint selection and use, with a specific focus on practical issues such as standardization, cost, and the roles of the veterinarian and the IACUC in developing and refining humane endpoint models in collaboration with the research team. On the horizon, emerging digital technologies may revolutionize the way we think about, select, and implement humane endpoints. The speakers will provide an overview of these new applications, ranging from digitizing paper documents, to real-time online data collection, to digital endpoints and mixed reality technologies. Hear from professionals who are piloting these applications, and discuss through scenarios and case studies their tremendous potential, current and future challenges, and practical aspects regarding implementation.

*Lunch is on your own between the last ACLAM session and the start of the PRIM&R post-Forum workshop.

### AGENDA

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>12:45-1:30 PM</td>
<td>On-Site Check-In</td>
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<tr>
<td>1:30-3:00 PM</td>
<td>Humane Endpoints: Overview and Challenges</td>
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<td>Case Discussions</td>
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<td>3:00-3:15 PM</td>
<td>Break (light snack and beverages served)</td>
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<tr>
<td>3:15-4:45 PM</td>
<td>Overview of Emerging Digital Technologies</td>
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<td>Digital Technology Scenarios</td>
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<tr>
<td>4:45-5:00 PM</td>
<td>Final Thoughts</td>
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<td>5:00 PM</td>
<td>Adjournment</td>
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Please note this agenda is subject to change.
2020 ACLAM Forum for Life Agenda

Monday May 4, 2020- Buena Vista Room:
9:00-10:00 Coffee and social time
10:15-11:15am
Robert M Macomber- Award Winning Author
Theodore Roosevelt “The Climb”

Monday May 4, 2020- Buena Vista Room
1:30-2:30pm
Robert M Macomber
“Florida’s crucial role in the Spanish-American War”
Learn how this war changed the USA from a continental country into a global power and how close we came to losing this war in Cuba. Marvel at the fascinating personalities who led the way and the related places of interest you can visit today.

Tuesday May 5, 2020- Buena Vista Room
9:00-9:30- Coffee and social
9:30-10:30am
Robert M Macomber
“Theodore Roosevelt- The Summit”
10:30am-11:30am
Informal discussions and book signing
Wednesday May 6, 2020 Buena Vista Room

9:30am-

Informal discussions on the 2020 Forum and 2021 location in Myrtle Beach, SC
Judy Balk
About The Author

A brief look at Robert N. Macomber and his work

Robert N. Macomber is an award-winning author, internationally recognized lecturer, history enthusiast, and avid researcher. He is best known for his Honor Series novels, his storytelling style as a speaker, and many Reader Rendezvous around the world.

The Honor Series

Mr. Macomber’s popular Honor Series of naval thrillers describe the career and personal life of a fictional American naval officer, Peter Wake, which starts in 1863, during the Civil War. From 1882 to the end of his career in 1908, Wake serves in America’s first espionage agency, the Office of Naval Intelligence. The novels illuminate the U.S. Navy’s critical role in the expansion of America from a continental country in the mid-19th century into a global power in the early 20th century.

Several have gotten the attention of filmmakers in the U.S. and Europe.

Mr. Macomber has readers around the world and has garnered acclaim from critics, authors, and readers. His quarterly newsletter goes out to over 3,000 enthusiastically loyal readers. Some have named themselves “Wakians”, after the main character of the series. His book and lecture tours vary year to year, sometimes taking him throughout eastern sections of the U.S.A., always around Florida, and often abroad.

There are 17 novels planned for the Honor Series.
To date, the following are available:
• **At the Edge of Honor**  
  2003 Patrick D. Smith Literary Award for Best Historical Novel of Florida

• **Point of Honor**  
  2004 John Esten Cooke Literary Award for Best Work in Southern Fiction

• **Honorable Mention**

• **A Dishonorable Few**

• **An Affair of Honor**

• **A Different Kind of Honor**  
  American Library Association's 2008 W. Y. Boyd Literary Award for Excellence in Military Fiction  
  The highest national award in the genre

• **The Honored Dead**  
  Starred Review – Highly Recommended by BOOKLIST

• **The Darkest Shade of Honor**

• **Honor Bound**

• **Honorable Lies**  
  Nominated for the American Library Association's Literary Award

• **Honors Rendered**  
  Editor's Choice by Historical Novels Review

• **The Assassin's Honor**

• **An Honorable War**  
  2017 Silver Medal Winner from the Florida Book Awards

• **Honoring The Enemy**  
  JUST RELEASED March 15, 2019

**Media Accolades for the Honor Series**

Accolades in the media for Mr. Macomber's work include reviews from:

Other Awards and Recognitions

As well as the aforementioned awards and media attention, Robert N. Macomber has received many other awards and recognitions for his work, including:

- 2001 Florida Genealogical Society's Outstanding Achievement Award for his non-fiction magazine and newspaper work on Florida's maritime history
- 2003 to 2013 annual lecturer in the Distinguished Military Author Series at the Center for Army Analysis, Ft. Belvoir near Washington D.C.
- 2006 Florida Monthly magazine's Most Intriguing Author of 2006
- 2008 Distinguished Lecturer at the U.S. Southern Command
- 2010 Distinguished Lecturer at NATO HQs in Belgium
- 2010 Distinguished Lecturer at the U.S. European Command in Germany
- 2012 One of the nationally acclaimed authors chosen to collaborate in the writing of My Bookstore, a tribute to the independent bookstores of America
- 2013 Grand Marshal of Florida's Edison Pageant of Light Parade
- 2018 Guest on WGCU's NPR podcast "Three Song Stories: Biography Through Music" [also on NPR One, iTunes, etc] www.ThreeSongStories.org (https://wgcu.org/3ss-episode-33-robert-macomber/)

Lectures

Mr. Macomber lectures around the world as guest author aboard ships such as the Queen Mary 2, Queen Victoria, Queen Elizabeth, the Silversea Line, and the Seabourn Line. He has been a naval history lecturer for the American History Forum and the Civil War Education Association, and has spoken at historical and academic venues around the United States. His lectures span maritime and literary topics. He has appeared in many Florida PBS maritime history documentaries, and has been a featured author at state, regional, and international book festivals.

Dept. of Defense Consulting

In addition to his other work, Mr. Macomber has been a Dept. of Defense consultant, specializing in strategic vision and planning by utilizing historical analogies of what works. He has lectured in the Distinguished Military Author Series at the Center for Army Analysis at Fort Belvoir, near Washington D.C., and has been a Distinguished Lecturer at the U.S. Southern Command, the U.S. European Command in Germany, and for the Supreme Allied Commander Europe at NATO Headquarters in Belgium. He has also lectured at the Office of Naval Intelligence, the West Point Society, the Military Officers Association of the United States, the National Geospatial Intelligence Agency, and various other government and military organizations.
ACLAM FORUM REGISTRATION  
May 3-6, 2020  
Don Cesar Hotel-St Pete Beach, FL  
“Lost in Translation- Found in Biomedical Science”  
Room Rate- $209/d

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PLEASE REGISTER ONLINE, IF POSSIBLE at - www.aclam.org

- ACLAM DIPLOMATE EARLY $695
- ACLAM DIPLOMATE LATE $725
- NON-DIPLOMATE $725
- Forum for Life or Spouse $379
- PRIM&R-post forum Session $150

https://www.primr.org/eventcalendar.aspx  TOTAL ______

Early Registration cut-off Date: April 15, 2020
Note: Registration fee includes program, 7 meals and receptions

Mail Check Payable to ACLAM or fax or e mail Credit Card info to:  
Dr. Mel Balk, Executive Director- ACLAM  
96 Chester St.  
Chester, NH 03036  
FAX- 603- 887- 0096  
mwbaclam@gsinet.net