

Future Topical Updates to the “Guide for the Care and Use of Laboratory Animals”-A Workshop

Committee

Jeffrey Everitt

Co-Chair

Jeffrey Everitt (Co-Chair) is a Professor (Emeritus) of Pathology in the Department of Pathology in the Duke University School of Medicine. He also serves as a self-employed consultant in toxicologic and research pathology (Vision of Virchow Consulting, LLC). Previously he was employed as a Professor of Pathology at Duke University, Director of Worldwide Comparative Medicine at GlaxoSmithKline Pharmaceutical R&D, and as a Senior Scientist at CIIT Centers for Health Research in Research Triangle Park, NC. His research interests and expertise include toxicologic pathology, animal model characterization and use, and the care, welfare and use of research animals. He is a Diplomate of the American College of Veterinary Pathologists and of the American College of Laboratory Animal Medicine where he served on the Board of Directors, as well as a Fellow of the International Academy of Toxicologic Pathologists. He attained a DVM degree at Cornell University, completed a residency in anatomic pathology at the University of Pennsylvania, and then completed a post-doctoral position at the University of Illinois in Champaign-Urbana. Dr. Everitt served on ILAR Council from 2004-2010, led an ILAR committee report in 2011, and coordinated animal workshop reviews in 2017 and 2018.

Jennifer L.S. Lofgren

Co-Chair

Jennifer Lofgren (Co-Chair) is the Global Head of Animal Welfare Compliance at Novartis Pharmaceuticals, where she leads a global team in providing ethical and compliance oversight to all Novartis sponsored animal studies, as well as advancing the 3Rs. Prior to this she was an Associate Attending Veterinarian at the University of Michigan Medical School where she co-founded the Refinement and Enrichment Advancements Laboratory. Jennifer completed a research fellowship with the Pain and Animal Welfare Sciences group at Newcastle University. Jennifer became an ACLAM Diplomate following completion of a post-doctoral training program at the MIT and earning her DVM and MS degrees from Tufts University. Jennifer is the chair of the Institutional Official's Consortium, the co-chair for the IACUC Conference Planning Committee with Public Responsibility in Medicine and Research, and board member for Americans for Medical Progress. Jennifer is a past Board of Directors member of the American College of Laboratory Animal Medicine and recently co-edited the 3rd edition of Anesthesia and Analgesia in Laboratory Animals, co-authoring the chapter on Anesthesia and Analgesia in Laboratory Rodents. Jennifer has authored 27 peer reviewed articles and book chapters and was honored with the 2021 Outstanding Alumni Award from Tufts University School of Veterinary Medicine.

Laurie L. Brignolo

Member

Laurie Brignolo is the Associate Vice Chancellor of the UC Davis Research and Teaching animal care program. In this role, she leads a well-constructed, coordinated effort to harmonize the decentralized animal care program. She serves as the Attending Veterinarian for the extremely diverse animal care program. This program which averages 1400 active animal care and use protocols covers the use of nearly 5 million animals and is one of the largest in the United States. The UC Davis animal care program includes over 300 separate buildings and nearly 1 million square feet of vivarium, outdoor caging and pasture space. She serves on the Board of Directors of both the California Biomedical Research Association and the National Biomedical Research Association. She has been a part of AAALAC since 2014 and has been on council since 2021. She is an ACLAM diplomate and received the ACLAM mentor award in 2021. Dr. Brignolo completed her veterinary degree at the University of Wisconsin, Madison in 1993 and her Laboratory Animal Medicine Residency program at UC Davis in 1996. She is active in several laboratory animal organizations including the Association of Primate Veterinarians, American Association of Laboratory Animal Practitioners and both local and national AALAS.

James G. Fox

Member

James G. Fox is a professor post tenure in the Department of Biological Engineering and the founding director of the Division of Comparative Medicine at the Massachusetts Institute of Technology. He is also an Adjunct Professor at Tufts University School of Veterinary Medicine. Dr. Fox is considered an international authority on the epidemiology and pathogenesis of gastric and enterohepatic *Helicobacters* in humans and animals. His laboratory developed the ferret as a model for both *Campylobacter* and *Helicobacter* associated disease as well as the first rodent model to study *Helicobacter* associated gastric disease including gastric cancer. Dr. Fox has received numerous scientific awards and was elected to the National Academy of Medicine in 2004. He has been the principal investigator of an NIH postdoctoral training grant for veterinarians for 30 years and has trained 80 veterinarians, physicians, and PhDs for careers in biomedical research. Dr. Fox received his MS from Stanford University and his DVM from the Colorado State University School of Veterinary Medicine. Dr. Fox served on ILAR Council from 2005-2011 and currently co-chairs the Standing Committee for the Care and Use of Animals in Research.

Michael E. Goldberg

Member

Dr. Michael E. Goldberg is the David Mahoney Professor of Brain and Behavior in the Departments of Neuroscience, Neurology, Psychiatry, and Ophthalmology at the Columbia University College of Physicians and Surgeons. He moved to Columbia University in 2001. In his research, he uses vision and eye movements to explore the physiology of cognitive processes such as visual attention and spatial perception. More recently he has begun to study the physiology of cognitive, non-motor processes in the cerebellum and the role of oculomotor proprioception in the generation of long-term visuospatial attention. He still practices clinical neurology as a neurohospitalist at the Columbia University Medical Center. He is a past president of the Society for Neuroscience, an elected member of the National Academy of Sciences of the United States, and an elected fellow of the American Academy of Arts and Sciences and the American Association for the Advancement of Science. He graduated from Harvard College in Biochemical Sciences (1963), and Harvard Medical School (1968), and did a residency in neurology at the Harvard Longwood Program (1972-1975). He was Dr. Robert Wurtz's first postdoctoral fellow (1969-1972), and a founding member of the Laboratory of Sensorimotor Research.

Susan B. Harper

Member

Dr. Susan Harper currently serves as the Deputy Director for the NIH Office of Animal Care and Use. She has consulted, lectured, and published on various topics related to agricultural animal health and welfare; aquaculture; emergency response and contingency planning; biocontainment and biosecurity relevant to animal program operations; research safety; and occupational health. Dr. Harper is an active member of numerous professional veterinary and safety organizations, maintains status as a diplomate in the American College of Laboratory Animal Medicine (ACLAM) and the American College of Veterinary Preventative Medicine (ACVPM); is a Registered Biosafety Professional (RBP) through the American Biological Safety Association (ABSA); and serves on AAALAC International Council. She earned a BS in Agriculture from West Virginia University and DVM from Louisiana State University, prior to starting her professional career in large animal practice. After several years in clinical medicine, she enrolled in a post-doctoral residency and masters program in comparative medicine at the Penn State University College of Medicine. She served as Penn State faculty for 2 years before transitioning to a federal career that includes service at several different Departments and Agencies.

Sherrie Jean

Member

Dr. Sherrie Jean is Deputy Branch Chief for the Comparative Medicine Branch in the Division of Core Laboratory Services and Response at the Centers for Disease Control and Prevention (CDC) in Atlanta, GA. She also serves as a contract/relief veterinarian with PetIQ and the Dekalb County Animal Shelter. Prior to joining the CDC, Dr. Jean worked as a Clinical Veterinarian at University of Southern California and Emory National Primate Research Center. Dr. Jean is a boarded diplomate of the American College of Laboratory Animal Medicine (DACLAM) and has 17 years of experience supporting infectious disease models including experience working in high containment. Dr. Jean is the 2023-2024 President for the Association of Primate Veterinarians (APV). Dr. Jean's other professional activities include being an AAALAC Ad Hoc Specialist and an AVMA Council on Education Site Visitor. Dr. Jean received her bachelor of science (2003) and doctorate of veterinary medicine (2007) from Louisiana State University. She completed a residency in laboratory animal and primate medicine through the Emory University School of Medicine and Emory National Primate Research Center (ENPRC).

Elaine K. Kim

Member

Elaine Kim is a Senior Technical Professional for KBR Wyle Services LLC, providing IACUC administrative support to the Chief Veterinary Officer at NASA. She organizes and collaborates on animal care and use policy and education. Her previous work experience in IACUC administration was at a land grant university with a veterinary school where the breadth of research spanned from traditional rodent biomedical research, emerging infectious diseases in atypical species (with biocontainment), food/fiber research and teaching, to veterinary teaching, translational research of veterinary clinical studies, FDA-regulated studies, and wildlife research, teaching, and management activities. She served on NASEM planning committee for the workshop on Animal Welfare Challenges in Research and Education on Wildlife, Non-Model Animal Species and Biodiversity. Currently, she is a steering committee member on the Federal Demonstration Partnership (FDP) Compliance Unit Standard Procedures (CUSP). Elaine earned her Bachelors of Science degree in Bioresource Sciences at the University of California, Berkeley, and is also a Certified Professional in IACUC Administration (CPIA).

Richard Nakamura

Member

Richard Nakamura, Ph.D. was the Director of the Center for Scientific Review (CSR) at the National Institutes of Health (NIH) from 2011 to his retirement from Federal service in April 2018. He led CSR's 500 scientists and administrative staff, overseeing their efforts to manage 80,000 incoming NIH grant applications a year. Before 2011, Dr. Nakamura had a 32-year tenure at the National Institute of Mental Health (NIMH), where he served as both Scientific Director and Deputy Director of the institute. His scientific research area was cognitive neuroscience of non-human primates. He was Acting Director of NIMH from 2001 to 2002. His awards included the Presidential Rank Award for outstanding leadership. Dr. Nakamura currently serves as a volunteer in the following: AAALAC International Board of Directors; Society for Neuroscience Committee on Animals in Research, NAS Institute for Laboratory Animal Research Standing Committee, American Institute for Biological Sciences Board of Directors and NIMH. Dr. Nakamura earned his B.A. in psychology from Earlham College and received his Ph.D. in psychology from SUNY Stony Brook. Dr. Nakamura has expertise in several areas, including the grant award and policy process at NIH, cognitive and comparative neuroscience, and ethics in science.

Robert S. Sikes

Member

Robert S. Sikes, Ph.D. is professor emeritus in the Department of Biology at the University of Arkansas at Little Rock. His research has been conducted exclusively on wild vertebrates and has focused primarily on topics in behavioral and evolutionary ecology. Dr. Sikes served as chair of his institution's animal care and use committee and as director of the animal care facility. Dr. Sikes is Past President of the American Society of Mammalogists (ASM) and currently serves as the ASM co-chair of the Animal Care and Use Committee. He has been lead author of the last two revisions of the ASM's Guidelines for the Use of Wild Mammals in Research and Education. Dr. Sikes is a regular author and speaker on topics concerning the use and oversight of wild animals in research. Dr. Sikes served in 2023 as a Fulbright Specialist on oversight of research activities involving wildlife in Colombia and currently serves as a member of AAALAC International Council on Accreditation. He received his doctorate in Zoology from the University of Minnesota in 1994. He served as a member of the ILAR Council and currently serves on the NASEM Standing Committee for the Care and Use of Animals in Research.