

2014 IACUC Conference

April 2-3 Denver, CO

Pre-Conference Programs: March 31
AAALAC International Conference: April 1

Monday, March 31: Pre-Conference Programs

7:00 AM Registration Opens	Plaza/Exhibit Foyer
7:00-8:00 AM Continental Breakfast	Plaza Ballroom EF
8:00 AM-5:30 PM <i>Essentials of IACUC Administration – Intensive</i>	Plaza Ballroom D 
8:00 AM-5:00 PM <i>IACUC 101: "The Basics"</i>	Plaza Ballroom ABC 
5:00-6:30 PM Pre-Conference Programs Networking Reception	Plaza/Exhibit Foyer 

All those registered to attend a pre-conference program on March 31 are welcome to join us for a networking reception immediately following the conclusion of their program. Light refreshments will be served.

Tuesday, April 1: 2014 AAALAC International Conference

7:00 AM Registration Opens	Plaza/Exhibit Foyer
7:00-8:00 AM Continental Breakfast	Plaza Ballroom EF
8:00 AM-5:00 PM <i>2014 AAALAC International Conference: The Path to Success Under AAALAC's New Standards</i>	Plaza Ballroom ABC 

Wednesday, April 2: 2014 IACUC Conference

7:00 AM Registration Opens	Plaza/Exhibit Foyer
7:00-8:00 AM Continental Breakfast	Plaza Ballroom EF
7:00-8:00 AM Continental Breakfast to Welcome First-Time Attendees	Plaza Ballroom D 

Hoping to connect with other first-time attendees before the conference starts? If so, please join us at this breakfast where you'll have an opportunity to meet and network with colleagues, as well as hear answers to the 10 most frequently asked questions about the conference from the PRIM&R staff. All first-time attendees are welcome. Please [register online](#) or [email us](#), and we'll be sure to save you a seat!

ICON KEY

Basic: Session provides an introduction to the topic for those who have little or no prior knowledge of it.

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 Didactic session

 Interactive workshop

 Double session

 Call for Program Contributions

 Recorded session

 Pre-registration required

Wednesday, April 2 (cont.)

8:00-8:15 AM

Welcome from the 2014 IACUC Conference Co-Chairs

F. Claire Hankenson, DVM, MS, DACLAM, Senior Associate Director, University Laboratory Animal Resources, and Associate Professor, Pathobiology, School of Veterinary Medicine, University of Pennsylvania

Christian E. Newcomer, VMD, MS, DACLAM, Executive Director, AAALAC International

Plaza Ballroom ABC



8:15-9:00 AM

Keynote Address: Patient-Derived Tumor Xenografts: A Next Generation Murine Model for Cancer Drug Development

S. Gail Eckhardt, MD, Stapp/Harlow Endowed Chair for Cancer Research, Professor and Co-Head of the Division of Medical Oncology, University of Colorado Denver Health Sciences Center

Plaza Ballroom ABC



9:00-9:15 AM

Remarks from PRIM&R's Executive Director Emerita

Joan Rachlin, JD, MPH

Plaza Ballroom ABC



9:15-10:45 AM

Panel I: IACUC Conundrums— Mechanisms for Assessing Qualifications and Training of Research Personnel

Moderator: Jon D. Reuter

Panelists: Natalie A. Bratcher, Matthew D. Rosenbaum, Rivka L. Shoulson

Of all the elements of an animal care and use program, training of personnel arguably has the largest impact on animal welfare. Furthermore, the federal regulations expect training to be an intrinsic part of any program. It is thus increasingly important for institutions to provide training for research personnel and to develop mechanisms for assessing qualifications. However, many IACUCs struggle with how best to accomplish this. In addition, training is often used as a response to, or even as a penalty for, being noncompliant, rather than as a proactive mechanism for improving research. During this panel, speakers will discuss a number of challenging issues around the assessment of personnel training, including defining target cohorts, content scope, and frequencies of review. Panelists will also review what institutions can do to reinforce a culture of proactive training, how to determine if a training program is successful, whether training programs are best done in conjunction with protocol approval or post approval, and how training can be integrated with post-approval monitoring.

Plaza Ballroom ABC



10:45-11:15 AM

Break

Join us for coffee.

Plaza/Exhibit Foyer

Didactic Sessions and Workshops Series A, 11:15 AM-12:30 PM

A1

Creating Quantifiable and Objective Indices of Animal Well-Being

(Animal Well-Being and the 3Rs Track) **Tracy M. Heenan, Debra L. Hickman**

For many reasons, it is important to balance scientific objectives with the well-being of research animals during a study. However, the measures and timing of monitoring and intervention are not always easy to identify. During this session, faculty and attendees will:

- Review the influence of animal well-being on scientific objectives
- Define well-being and assessment strategies, including pain and body condition scoring mechanisms for rodents, livestock, and other animals
- Identify the practical aspects of assessment implementation within an organization, including how much monitoring is needed, by whom, and when
- Explore how to manage information effectively to support the science and ensure animal well-being
- Discuss several research models that present challenges for assessment and maintenance of well-being in animals and measures to develop strategies for optimizing health and welfare

Governor's Square 17



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Interactive workshop

Recorded session

Double session

Pre-registration required

CPIA Current CPIAs can earn up to 15.25 Category 1 continuing education credits by attending the 2014 IACUC Conference. Learn more about recertification through continuing education [here](#).

A2

Are We Using Too Few or Too Many? Animal Numbers Justification from a Biostatistician's Perspective *(Animal Well-Being and the 3Rs Track)*

Linda N. Brovarney, Nancy Hills, Wendy Koch, Travis Porco, Susan Silk

This interactive session will introduce useful approaches to, key principles around, and regulatory requirements for justifying the number of animals used in research. During this session, faculty and attendees will:

- Review how statisticians can facilitate an appropriate animal study design prior to protocol submission
- Explore how statisticians can enhance the IACUC review process
- Discuss how statisticians can promote the 3Rs through better experimental design and data analysis

Director's Row J



A3

Global Harmonization of Laboratory Animal Care: Is it on Track?

(Communication and Advocacy Track) Kathryn Bayne, Francis A. Fakoya, Sherry E. Vaughn

Biomedical research and the data and/or products derived from it are recognized globally as valued commodities that frequently involve the use of animal models. In recent years, financial incentives and national and scientific interests have all contributed to global growth in animal research programs, as well as to increasing international scientific collaboration around animal models. During this session, faculty and attendees will:

- Review the international guidelines on animal care and use in research
- Discuss trends around the globalization of animal research
- Explore the variation in the quality of animal care worldwide
- Address the ethical treatment and welfare of animals internationally
- Consider how a global corporation may have its own internal corporate policies, as well as a desire to achieve other accreditations

Plaza Court 4



A4

Open Forum for Laboratory Animal Veterinarians *(Communication and Advocacy Track)*

Elizabeth Ford, Christopher Manuel

Laboratory animal veterinarians in the United States are in a unique position compared to many of their colleagues in other countries in that they have been granted a tremendous amount of responsibility and authority for managing their institutions' animal care and use programs. During this session, faculty and attendees will:

- Discuss the challenges that arise for veterinarians in exercising their responsibilities and authority
- Review suggestions for coping effectively with challenges to that authority

Plaza Court 5



A5

Managing Potential Conflict Within the Animal Care and Use Program

(Communication and Advocacy Track) Sally E. Light, Jennifer A. Perkins, Cyndi Rosenblatt

For many of the day-to-day issues that arise within an institution's animal care and use program, there can be confusion over who has the authority to do what. This can lead to potential conflicts between functional groups who may not understand each other's responsibilities. During this session, faculty and attendees will:

- Define the roles of the various "players" in the animal care and use program
- Share tips and tricks to defuse heated situations so that constructive progress can be made
- Review how to accept input from entities that may overstep their responsibilities while still maintaining proper lines of authority and oversight

Governor's Square 10



Advanced

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A6

The IACUC's Role in Maintaining Institutional Credibility

(Communication and Advocacy Track)

Matthew Bailey, Elizabeth Goldentyer, Cindy Hoorn, Axel Wolff

In an era of 24-hour news media, an institution may only have seconds to decide how to present findings to preserve or rebuild its reputation around sensitive topics. Knowing the steps to take, and practicing them beforehand, can give IACUC members the confidence to participate in the communication process at critical touch points during an investigation. During this session, faculty and attendees will:

- Use real-life scenarios to examine what happens when information is leaked, distorted, or both, and how to mitigate these situations
- Analyze the communication situations that can sabotage trust in the institutional oversight process
- Explore how perceptions can be powerful influencers in the IACUC investigation process
- Share information that advances understanding of how oversight agencies respond to reported concerns or complaints
- Discuss the possible consequences and/or protections for both individuals and institutions if reports about animal welfare concerns become public

Director's Row E



A7

Open – No session is scheduled

A8

Defining “Metrics” for Program Oversight (Hot Topics, Trends, and Special Issues Track)

David Cannon, Kathy Meunier

In this session, faculty will:

- Discuss whether there can be unique noncompliant events, or whether similarities can be identified for grouping and categorizing all events: Is there a system in place institutions can follow?
- Explore the potential pitfalls to grouping events into defined categories: Can there be too many categories? How can one ensure items are grouped correctly? Could an event fit into multiple categories that, during trend analysis, may worsen some areas, but improve others?
- Outline how to evaluate data once metrics are defined: Can positive trends be identified? If there are fewer items in one category, but more in another, can generalities about the success of the program be made?
- Explore the question of whether metrics are even useful, given the current trend towards more “performance standards” and fewer “engineering standards”
- Provide examples of what to measure and how

Governor's Square 16



A9

Electronic Methods for Streamlining IACUC Business (IACUC

Administration/Management and Process Track) Marcy Brown, Alison D. Pohl, Stacy Pritt

IACUCs have the opportunity to reduce steps and paper by creatively using software solutions. While everyone is familiar with protocol management systems, other online applications can help ease paperwork burden. Examples of such applications include electronic signatures, online sign-up websites for inspections, document review sites for protocol or policy review, institutional shared drives, inspection management software packages, and other products. This session will focus on several specific examples of how IACUCs can go “green” while also streamlining operations and increasing effectiveness. During this session, faculty and attendees will:

- Share their experiences using electronic methods of protocol processing, data management, and other applications from home-grown to commercial products
- Explore the available information about commercial systems, and discuss how to implement electronic applications
- Address how pre-approved procedures may be incorporated into an electronic system for easy download
- Review how regulatory compliance can be maintained while using new electronic applications

Governor's Square 15



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A10

How to Effectively Conduct IACUC Investigations

(IACUC Administration/Management and Process Track)

Emily Hearne, Brent Morse, Mary Jo Shepherd, Tanya Tims

During this session, faculty and attendees will:

- Review requirements for addressing animal welfare concerns and noncompliance
- Share processes and best practices for conducting investigations
- Discuss optimal follow-up and plans for correction and prevention
- Explore how to assemble an appropriate investigation team/subcommittee

Director's Row H



A11

IACUC Boot Camp (Part I) (IACUC Administration/Management and Process Track)

Mary Lou James, Monte Matthews, Marky Pitts

IACUC Boot Camp is a two-part IACUC cram session for those new to the field and will take place during the A and B breakout session series. These two sessions will provide a comprehensive overview of the oversight process, IACUC functions, regulations, frequently used acronyms, the *Guide*, protocol review process, and committee make-up. During Part I, faculty will:

- Review frequently used acronyms
- Examine specific USDA, OLAW and AAALAC requirements and regulations
- Outline IACUC membership requirements
- Discuss IACUC responsibilities and charges

Governor's Square 12



A12

Inter-Institutional Collaborations and Memoranda of Understanding (MOUs):

What Are We Responsible For? (Program Oversight Track)

William Greer, Justin A. McNulty, Eileen M. Morgan

During this session, faculty will:

- Define inter-institutional collaborations and review the regulatory requirements that require attention
- Review the primary components of a MOU
- Outline strategies to identify collaborations, and discuss when collaboration necessitates a MOU (e.g., for PHS studies when custom antibodies are being made commercially, when institutions subcontract a portion of a project, and/or when a principal investigator oversees a project outside the home institution)
- Discuss who initiates the MOU (i.e., the grantee, the subcontractor, or both)
- Provide practical examples and templates of MOUs
- Share experiences and ideas about managing collaborations across institutions

Director's Row I



A13

Satellite Housing Facilities: How to Ensure Attending Veterinarian (AV) Oversight of Health and Well-Being (Program Oversight Track)

Troy Hallman, Gordon Roble
Satellite housing areas (i.e., housing areas for animals not maintained within a centralized facility) are often necessary due to equipment needs, behavioral assays, sensitive tissue harvests, and space restrictions. However, these areas can become difficult for the IACUC and the AV to manage, may not provide the best environmental conditions for maintaining animals, may be inappropriately justified as a convenience for investigators, and may serve as a potential liability for institutional commitments to animal welfare. During this session, faculty and attendees will:

- Discuss how programs can evaluate criteria for appropriate satellite housing justification
- Explore how to develop and review satellite housing areas that are compatible with the need for animal comfort, health and welfare, veterinary care, biosecurity, and occupational health and safety measures
- Review compliant centralized reporting mechanisms for animals maintained in approved satellite housing areas

Plaza Court 3



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 Interactive workshop

 Recorded session

 Double session

 Pre-registration required

A14

Ensuring Congruency Between Grants and Protocols: Who, How, and When?

(Protocol Review Track) Patricia A. Brown, Todd Forsythe, Tanise Jackson

In this session, faculty and attendees will:

- Define the requirements for congruence among grants, contracts, and protocols
- Discuss various mechanisms for developing and implementing a program to accomplish this congruency
- Review the PHS guidance on vertebrate animals with respect to grants
- Compare notes on comparative reviews

Plaza Court 7



A15

Panel I Follow-Up: Assessing and Ensuring Qualifications, Competence, and Proficiency of Research Personnel

(Qualifications and Training Track)

Natalie A. Bratcher, Jon D. Reuter, Matthew D. Rosenbaum, Rivka L. Shoulson

Technical competence and proficiency in the care and use of research animals is the ultimate goal for assuring compliance, regulatory mandates, and improving animal welfare. During this follow-up session to Panel I, faculty and attendees will:

- Review the methods that work best in various settings for assessing qualifications, competence, and proficiency
- Discuss staffing, training metrics, and documentation that must be factored into the development of an assessment method that best fits an institution
- Assess best methods for assembling a training team
- Address questions that came up during Panel I

Plaza Court 2



A16

A Dialogue with USDA, APHIS, Animal Care

(Updates: A Dialogue with... Track)

Robert M. Gibbens

For more than 40 years, Congress has entrusted APHIS with the stewardship of animals covered under the AWA and Horse Protection Act. APHIS continues to uphold that trust, giving protection to millions of animals nationwide. APHIS provides leadership for determining standards of humane care and treatment of animals, implements those standards, and achieves compliance through inspection, education, cooperative efforts, and enforcement. This session will provide an opportunity for attendees to:

- Ask questions of a representative of USDA, APHIS, Animal Care
- Participate in an open discussion about issues relevant to USDA, APHIS, Animal Care stakeholders

Governor's Square 9



12:45-1:45 PM

Common Ground Networking Lunch

Time to connect...over lunch! Meet peers for conversation and networking. Tables will be divided by institution type: University/College (Medical), University/College (Non-Medical), Hospital/Medical Center, Government Agency, Pharma/Biotech Company, and Small Research Programs. We will also have tables available for those wishing to "just lunch." All are welcome!

Plaza Ballroom EF

12:45-1:45 PM

Luncheon with the Lifetime Achievement Award for Excellence in Research Ethics Recipient Joan Rachlin, JD, MPH

Join us for a luncheon with the **2013 Lifetime Achievement Award for Excellence in Research Ethics** recipient, PRIM&R's Executive Director Emerita, Joan Rachlin. This event will provide attendees the opportunity to celebrate this distinguished leader as she retires from nearly 39 years at the helm of PRIM&R. Please [register online](#) or [email us](#), and we'll be sure to save you a seat!

Plaza Ballroom D



2:00-2:45 PM

Keynote Address: Facing the Morally Perilous World of Animal Research

John P. Gluck, PhD, Professor Emeritus of Psychology and Senior Advisor to the President on Animal Research Ethics and Welfare, University of New Mexico; Research Professor, Kennedy Institute of Ethics, Georgetown University

Plaza Ballroom ABC



2:45-3:00 PM

Break

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Interactive workshop

Recorded session

Double session

Pre-registration required

3:00-4:30 PM

Panel II: Managing Field Research

Moderator: Jori K. Leszczynski

Panelists: John F. Bradfield, John A. Bryan, II, Pieter Johnson, Robert S. Sikes

Conducting and overseeing field research often presents unique challenges for everyone involved. Regulations and protocol forms designed for biomedical research include many items that may not be relevant to work with wild animals and that omit issues of critical importance when working with these animals in their natural environments. These incongruities can lead to delays, frustrations, and misinterpretations for investigators and oversight personnel alike. In addition to protocol review, field research challenges the animal care and use program by presenting novel concerns for employee health, the conduct of semiannual inspections and reviews, and completion of annual reports. In this session, panelists will explore the challenges faced by investigators and IACUCs in assuring compliance of field research, including how one investigator addressed these challenges in carrying out his research.

Plaza Ballroom ABC



4:30-4:45 PM

Break

Join us for coffee.

Plaza/Exhibit Foyer

Didactic Sessions and Workshops Series B, 4:45-6:00 PM

B1

Evidence-Based Enrichment Strategies that Promote Species-Typical Behaviors

(Animal Well-Being and the 3Rs Track) Jennifer Camacho, Debra L. Hickman, Robyn B. Lee

During this session, faculty and attendees will:

- Discuss the role and responsibility of the IACUC in reviewing and promoting enrichment strategies, including what is required, minimal, optimal, and beneficial
- Review best enrichment practices for non-human primates (e.g., complex and novel environments or social housing), and rodents (e.g., social housing and species typical behavior)
- Examine performance criteria and how to use assessment data
- Learn about the use of exemptions
- Identify reporting requirements
- Explore data-based outcomes in enrichment in rodents

Plaza Court 2



B2

New Techniques for Refinement of Difficult Models

(Animal Well-Being and the 3Rs Track) Jon Geller, Dara Kraitchman, Letty V. Medina, Stephen C. Yang

In this interactive session, faculty and attendees will:

- Discuss ways to refine challenging animal models by adoption of humane endpoints, analgesics, less invasive methods and better clinical oversight and supportive care.
- Review supportive care (refinements in clinical medicine) that are used in emergency medicine and could be applied to laboratory animals.
- Identify the advantages and disadvantages of newly emerging refinement techniques.
- Explore minimally invasive surgery including percutaneous techniques and endoscopy.
- Discuss simulation training, human medical training, and veterinary medical training, and review the use of animals in simulated training for humans.

Governor's Square 10



Advanced

B3

Activist Challenges to Research: Tactics Encountered and Proactive Response Strategies

(Communication and Advocacy Track) Matthew Bailey, John J. Sancenito, Eric Sandgren

In this session, faculty and attendees will:

- Review tactics, both legal and illegal, used by animal rights extremists to eliminate the humane use of animals in biomedical research
- Identify high-level best practices to prevent, prepare for, and respond to animal rights extremism resulting from the Federation of American Societies for Experimental Biology meeting
- Discuss what happens when an institution has an issue that, because of FOIA, entails USDA or NIH OLAW involvement

Governor's Square 9



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Interactive workshop

Recorded session

Double session

Pre-registration required

B4

Managing the USDA Inspection Process (Communication and Advocacy Track)

Taylor Bennett, Marcy Brown, Robert M. Gibbens, Michelle Wallace-Fields

This interactive session will review the components of a program for effectively managing the USDA inspection process, as well as provide insight into assuring compliance in frequently cited areas. During this session, faculty and attendees will:

- Discuss how to effectively manage the inspection process
- Review recent changes to the inspection process
- Identify the most frequent findings during inspections, and how to assure compliance within the relevant sections of the regulations and standards

Governor's Square 17



B5

Horizontal Alignment in the IACUC-Principal Investigator Partnership: Getting Everybody on the Same Page (Communication and Advocacy Track)

Cory Goracke-Postle, Mary Jo Shepherd, Sandy Wilkins

The key to engendering a successful institutional culture of compliance around the humane care of use of animals in research is to build a strong IACUC-principal investigator partnership. During this session, faculty and attendees will:

- Review common situations in which IACUC intervention may be needed, and explore how positive resolution can be achieved through relationship-building with individual principal investigators
- Discuss what is involved in an effective IACUC-principal investigator partnership
- Compare strategies used in problem solving, and identify strengths and weaknesses to those approaches
- Consider the impact on research, the animal care and use program, and the institution of implementing the IACUC-principal investigator partnership approach

Governor's Square 15



B6

Panel II Follow-Up: Protocol Oversight, Including Special Challenges When Conducting Field Research (Hot Topics, Trends, and Special Issues Track)

John F. Bradfield, John A. Bryan, II, Pieter Johnson, Jori K. Leszczynski, Robert S. Sikes, Axel Wolff

During this Panel II follow-up session, faculty and attendees will:

- Discuss whether the ILAR Guide pertains to field research
- Consider the broader-scale consequences of manipulations performed on individuals, such as long-term or population-level impacts
- Review the special circumstances IACUCs face when reviewing field research, including: distress and mortality during capture or marking; logistical details of anesthesia and analgesia; safety of research personnel; periodic evaluation and oversight responsibilities; and more
- Explore how the IACUC administers the occupational health and safety program with regard to field research

Director's Row I



B7

A Conversation About Diversity: Why it Matters

(Hot Topics, Trends, and Special Issues Track) Donna Matthews Jarrell, Natalie L. Mays, Matt Soloperto

Diversity is one of PRIM&R's core values. This session will discuss ways to promote regulatory affairs/regulatory compliance as a career option for under-represented minorities, and to encourage more diversity within the field, as well as within the PRIM&R membership. During this session, faculty and attendees will:

- Explore ways to promote science-based careers for under-represented minorities (e.g., the Biomedical Sciences Career Program at Harvard Medical School)
- Discuss mentorship of high school and college/graduate school students
- Share recommendations for how to promote animal care and use program careers to a wider audience
- Examine why increased attention to diversity issues within the field is important, including the value of increased sensitivity on the part of compliance personnel who work with or communicate with researchers from multiple nationalities/ethnicities

Plaza Court 7



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Interactive workshop

Recorded session

Double session

Pre-registration required

B8

What Is the CPIA® Credential? Is it for You? If So, How Do You Prepare?

(IACUC Administration/Management and Process Track)

Melinda Bruns, Deb Frolicher

In this interactive session, a member of the CPIA Council, a recently successful examinee, and attendees will:

- Review the development and status of the credentialing program
- Discuss examination preparation tactics based on first-hand experience
- Answer attendee questions about the CPIA credential and how to prepare for the exam

Plaza Court 8



B9

Doing More with Less: Meeting Regulatory Requirements Despite Fewer Resources and Fewer Staff

(IACUC Administration/Management and Process Track)

Jamie Gothro, William Greer, Cyndi Rosenblatt

In this interactive session, faculty and attendees will:

- Share thoughts about doing more with less
- Discuss strategies for dealing with the institutional administration in order to receive necessary resources and support
- Examine best practices for preventing employee burnout and dealing with the subsequent loss of valued staff

Director's Row E



B10

IACUC Boot Camp (Part II)

(IACUC Administration/Management and Process Track)

Mary Lou James, Monte Matthews, Marky Pitts

Part II of IACUC Boot Camp will continue the new IACUC personnel's saturation of vital information.

During this session, faculty will:

- Review other required institutional program components (e.g., occupational health and safety programs, training programs, and emergency/disaster plans)
- Discuss the protocol review process (e.g., full committee review and designated member review, protocol form components (handout), and amendments: minor vs. significant modifications)

Director's Row H



B11

How to Identify and Correct Specific, Isolated Deficiencies Before They Become Larger, More Pervasive Programmatic Issues

(Program Oversight Track)

CeCe Brotchie-Fine, Linda N. Brovarney, Brent Morse

In this session, faculty and attendees will:

- Review programmatic deficiencies, including inadequacies in veterinary care programs (e.g., the training of technical/husbandry staff and in occupational health), inadequate sanitation due to malfunctioning cage washers, room temperature extremes due to HVAC failures, and IACUC problems
- Review administrative problems, such as policies and procedures that do not meet institutional requirements
- Discuss strategies and best practices for addressing these problems

Plaza Court 3



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Double session

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B12

Performance Standards: Simultaneously Liberating and Intimidating

(Program Oversight Track) Samuel C. Cartner, Guy B. Mulder, Susan Silk

Performance-based standards are the hallmark of the *Guide*. However, institutions often struggle to design specific performance-based outcomes and goals, define how quality outcomes will be measured and monitored, and implement the resulting standards successfully. During this session, faculty will:

- Briefly review general concepts involved in using performance-based standards, including the role of professional judgment, collaboration among experts at the institution, and IACUC involvement
- Review the importance of understanding and utilizing the performance-based approach if an institution's goal is to have flexibility in its program
- Provide useful examples of successful performance-based standards and discuss how they were designed, monitored, implemented, and defended
- Examine in detail, through attendee participation, the performance-based approach for a particular topic with widespread interest (e.g., breeding scenarios and housing density options for mice and rats)
- Help attendees understand the roles of scholarship, data-analysis, personnel training, and consistency in the successful use of performance standards

Governor's Square 16



B13

Occupational Health and Safety Programs (Program Oversight Track)

Alison D. Pohl, James M. Schmitt, Sandra Sonoda, TBD

Occupational health and safety programs are integral to animal care and use programs and are mandated by the PHS policy and the *Guide*. During this session, faculty will:

- Explain the essential concepts in the creation, management, and monitoring of occupational health and safety programs
- Address various occupational health and safety issues to illustrate how the hazard survey and risk assessment processes influence occupational health and safety program intensity and complexity
- Review methods for creating and maintaining effective IACUC interactions
- Examine the roles of the principal investigator (scientific staff) and/or expert consultants in the optimization of occupational health and safety programs

Director's Row J



B14

Veterinary Review of Protocols: How Do We Obtain Congruency Within the Program?

(Protocol Review Track) F. Javier Cisneros, F. Claire Hankenson

In this interactive session, faculty and attendees will:

- Discuss how to ensure consistency of veterinary review within and among institutional clinical veterinarians
- Review established and common animal research procedures for expediting protocol review and approvals in order to alleviate confusion for investigators
- Explore strategies for establishing consistent veterinary reviews for the selection of anesthesia, post-surgical monitoring, and pre- and post-procedure analgesia, as well as euthanasia expectations

Plaza Court 5



B15

Training Resources and Certification Programs (Qualifications and Training Track)

Nicole Duffee, Melissa S. Hunsley

Is your institution struggling to do more training with fewer resources? Training programs for animal welfare compliance depend upon having resources to enhance or extend face-to-face training and, in some instances, even to replace it. A growing number of resources are available to provide training, content, and documentation tools. During this session, faculty and attendees will:

- Review various resources that could enhance a training program
- Discuss what training resources they are using that have had a favorable impact at their institutions
- Share innovative and successful training resources with other attendees
- Explore third party certification (e.g., AALAS, Academy of Surgical Research, American Biological Safety Association) and/or internal institutional mechanisms

Plaza Court 4



ICON KEY

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Didactic session

Call for Program Contributions

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Interactive workshop

Recorded session

Double session

Pre-registration required

B16

A Dialogue with the NIH OLAW (Updates: A Dialogue with... Track) Patricia A. Brown

The NIH OLAW provides guidance and interpretation of the PHS Policy on Humane Care and Use of Laboratory Animals, supports educational programs, and monitors compliance with the PHS Policy by assured institutions and PHS funding components to ensure the humane care and use of animals in PHS-supported research, testing, and training. This session will provide an opportunity for attendees to:

- Ask questions of an NIH OLAW representative
- Participate in an open discussion about issues relevant to NIH OLAW stakeholders

Governor's Square 12



B17

IACUC Challenges for Small Organizations, Including Biotechnology Companies, Contract Research Organizations, and Colleges (IACUC Administration/Management and Process Track) Shameen A. Afif-Rider, Christopher Dillon, Eileen M. Morgan, Sylk Sotto

In this interactive session, faculty and attendees will focus on creative solutions for challenges inherent to small organizations, including:

- Maintaining a small IACUC where members must wear multiple hats
- Reviewing protocols in spite of limited scientific expertise
- Performing program reviews and inspections with inexperienced members and consulting veterinarians
- Dealing with conflicts of interest
- Creating an IACUC from scratch

Plaza Court 6



6:00-7:15 PM

2014 IACUC Conference Welcome Reception and Meet and Greet the Supporters, Exhibitors, and Poster Presenters

Join us to kick off the **2014 IACUC Conference**, meet and greet our supporters and exhibitors, and view this year's poster presentations! Complimentary mini-massages will be available, and light refreshments will be served.

Plaza/Exhibit Foyer

6:00-7:15 PM

Speed Mentoring

Gather with your colleagues for a one-on-one networking event where you can connect with seasoned IACUC professionals, the Feds, and other experts to receive personalized answers to your regulatory, ethical, and/or operational questions. Mentoring will begin promptly at 6:15 PM. **Please note that this event is sold out and you will not be able to sign up for it when registering.** Please [email us](#) if you are still interested in attending and we will add you to the waiting list!

Plaza/Exhibit Foyer



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Interactive workshop

Recorded session

Double session

Pre-registration required

Thursday, April 3: 2014 IACUC Conference

7:00 AM

Registration Opens

Plaza/Exhibit Foyer

7:00-8:00 AM

Continental Breakfast

Plaza Ballroom EF

7:00-8:00 AM

CPIA® Networking Continental Breakfast

Do you hold the CPIA credential and have an interest in connecting with other CPIAs? If so, please join the CPIA Council and PRIM&R staff at this continental breakfast! We'll be discussing recertification, and will be answering any of your other questions. Please [register online](#) or [email us](#), and we'll be sure to save you a seat! If you do not currently hold the CPIA credential, but are interested in taking the exam or learning more about the program, we invite you to attend the workshop B8: *What Is the CPIA® Credential? Is it for You and, If So, How Do You Prepare?* on April 2 from 4:45-6:00 PM.

Plaza Ballroom D



7:00-8:00 AM

AALAS Learning Library Continental Breakfast

Join AALAS for this continental breakfast to learn what's new in the AALAS Learning Library, including new courses, tools, and interface! The curriculum is expanded, and the new tools will streamline management of personnel training. In addition, the interface has been engineered for greater speed and efficiency. Please [register online](#) or [email us](#), and we'll be sure to save you a seat!

Governor's Square 11



8:00-8:15 AM

Welcome from the 2014 IACUC Conference Co-Chairs

F. Claire Hankenson, DVM, MS, DACLAM, Senior Associate Director, University Laboratory Animal Resources, and Associate Professor, Pathobiology, School of Veterinary Medicine, University of Pennsylvania; and **Christian E. Newcomer, VMD, MS, DACLAM**, Executive Director, AAALAC International

Plaza Ballroom ABC



8:15-9:00 AM

Pillars of PRIM&R Lecture: Animal Models for the Study of Brain and Cognition

Thomas D. Albright, PhD, Conrad T. Prebys Chair in Vision Research, Professor in the Systems Neurobiology Laboratories, and Director of the Vision Center Laboratory, Salk Institute for Biological Studies

Plaza Ballroom ABC



9:00-9:15 AM

Remarks from PRIM&R's New Executive Director

Elisa A. Hurley, PhD

Plaza Ballroom ABC



9:15-10:45 AM

Panel III: The Analysis of Harm vs. Benefit

Moderator: Letty V. Medina

Panelists: Thomas D. Albright, Adam Shriver, Janet D. Stemwedel

Animal research is a privilege granted to the scientific community with the expectation that the research be ethical. It is not possible to legislate ethical research, but it is possible to establish a framework that promotes ethical standards through regulations. This requires an oversight body, with sufficiently diverse expertise to "provide the justification for the use of animals." Is this justification, or validity of the proposed science, addressed by the investigator when he/she clarifies the scientific purpose and provides data to support a reasonable expectation that the results will increase scientific knowledge? Some would consider this scientific review, while others would consider this an evaluation of the potential benefit(s) of the study. An alternative view is that the work would not be funded if it weren't beneficial, so the emphasis is placed on review that evaluates the sequential description of procedures and their anticipated impact on the animals' well-being. This is where the controversy within our field begins. Are IACUCs already performing a harm/benefit analysis? Is the IACUC legally mandated to perform a harm/benefit analysis? If a committee chooses to emphasize one aspect of the analysis over the other, is this adequate? The IACUC, being qualified by the collective expertise of the different members, brings to its review a variety of perspectives and ideally a vested interest in maintaining the integrity of the review process. An important component of responsible use is the ethical evaluation of proposed studies performed by the IACUC. Is the ethical appraisal of protocols enough to ensure best practice, or just one part of a bigger process? What constitutes a harm/benefit analysis? Too much inquiry can produce a "paralysis of analysis," and too little inquiry may indicate a lack of moral imagination, a desire to support a predetermined decision, or just plain ignorance. Our panelists will discuss these issues from their unique perspectives.

Plaza Ballroom ABC



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Interactive workshop

Recorded session

Double session

Pre-registration required

CPIA Current CPIAs can earn up to 15.25 Category 1 continuing education credits by attending the **2014 IACUC Conference**. Learn more about recertification through continuing education [here](#).

10:45-11:15 AM

Break

Join us for coffee.

Plaza/Exhibit Foyer

Didactic Sessions and Workshops Series C, 11:15 AM-12:30 PM

C1

Are Mice the Models We Think They Are? Consequences of Environmental Stress

(Animal Well-Being and the 3Rs Track) Jennifer Camacho, Jennifer Perkins

In this session, faculty will:

- Address some of the current studies on cold stress in mice
- Discuss the implications of bedding, caging, nesting materials, light, and noise on mouse well-being and research outcomes
- Review information on social housing for mice
- Examine whether the *Guide* recommendations regarding social housing for mice—for example, mouse room temperature—may perpetuate the environmental stress problem

Plaza Court 2



C2

How to Discuss and Reach Consensus as an IACUC on Studies Involving Unalleviated Pain and Distress (Animal Well-Being and the 3Rs Track)

Tim Allen, Barbara Garibaldi, Joanne Zurlo

In this interactive session, faculty and attendees will:

- Review published guidance from NIH, the *Guide*, and USDA to better categorize protocols
- Discuss the legal and ethical obligations for minimizing pain and distress in animals
- Use specific examples to discuss individual and collective responsibilities, the development and validation of humane intervention points and endpoints, and the implementation and assessment of specific measures for minimizing pain and distress
- Examine the use of observation to optimize animal welfare
- Outline strategies for evaluating concerns that pain management medications will be incompatible with proposed animal experiments.

Please note this is a double session and will end at 1:45 PM. Pre-registration for this session is required. Please [register online](#) or [email us](#), and we'll be sure to save you a seat! For those who pre-register, a lunch ticket will be included on your name badge. Please use this to pick up your boxed lunch in Plaza Ballroom EF before you proceed to the session room.

Director's Row J



C3

Open – No session is scheduled

C4

Identifying Common Ground Between the Animal Protection and Research

Communities (Communication and Advocacy Track) Allyson J. Bennett, Taylor Bennett, Cathy Liss, Kenneth Litwak, Andrew N. Rowan

This session will provide representatives from the animal protection and research communities an opportunity to discuss potential areas of common ground identified by the faculty in advance of the meeting, as well as issues raised during the session. During the session, faculty and attendees will:

- Identify potential areas of agreement related to improving the well-being of animals used in research
- Discuss mechanisms for addressing areas of disagreement in a positive and constructive manner
- Explore how to start constructive conversation

Governor's Square 9



C5

Open Forum for Unaffiliated/Non-Scientific Members (Communication and Advocacy Track) Carol R. Byerly, Kathy S. Dyer

This interactive session will provide a forum for unaffiliated/non-scientific members of IACUCs to discuss issues that arise when carrying out their duties with respect to overseeing animal care and use programs.

During this session, faculty and attendees will:

- Review the roles and responsibilities of unaffiliated/non-scientific members
- Discuss issues submitted in advance by unaffiliated/non-scientific members
- Explore any other issues raised by attendees during the session

Plaza Court 5



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Interactive workshop

Recorded session

Double session

Pre-registration required

C6

Top Deficiencies from the Perspectives of AAALAC, OLAW, and USDA

(Hot Topics, Trends, and Special Issues Track) John F. Bradfield, Carol Clarke, Brent Morse

In this interactive session, attendees and representatives from federal and private oversight bodies will:

- Discuss the most common problems encountered during inspections and site visits
- Identify the common deficiencies self-reported by institutions

Governor's Square 15



C7

Cutting-Edge Developments in the 3Rs (Hot Topics, Trends, and Special Issues Track)

Kathryn Bayne, Ngaire Dennison, Dara Kraitchman, Letty V. Medina

This session will explore examples of good practices in science-led approaches to implementing the 3Rs.

During this session, faculty will:

- Review how to better communicate to the science community the message that implementing the 3Rs is "good for science"
- Propose ways in which IACUCs can play an active role in identifying good practices for the 3Rs and endorsing them at their institutions
- Provide examples of new technologies that can refine existing studies, such as non-invasive imaging in vivo, use of in vitro techniques, creation of organs on chips, and bioinformatics
- Review how the IACUC can be more systematic in identifying new refinement technologies

Governor's Square 17



C8

Poster Session: How Many Legs? Institutional Oversight Involving Research with Invertebrates (Hot Topics, Trends, and Special Issues Track)

Bradley Ahrens, Gayle A. Orner

During this session, faculty will:

- Review the challenges of invertebrate research as it relates to the IACUC
- Discuss the role and responsibility of the IACUC in reviewing studies involving invertebrates
- Compare the requirements for invertebrate oversight in the European Union versus the United States
- Describe how the European Directive on the Protection of Animals used for scientific purposes may affect invertebrate researchers in the United States, and discuss a simple solution developed for invertebrate researchers at the University of Wisconsin-Madison

Plaza Court 7



C9

Where the Rubber Meets the Road! Challenging Scenarios and Complex Issues in IACUC Administration (IACUC Administration/Management and Process Track)

Patricia A. Brown, Robert M. Gibbens, Jaimie Graff, Mary Jo Shepherd

This interactive session will provide faculty and attendees an opportunity to:

- Work through simulated, problematic scenarios in IACUC administration
- Explore possibilities for resolution without conflict
- Discuss resolving conflict while maintaining compliance
- Address specific scenarios attendees have faced and wish to explore with the group

Please note this is a double session and will end at 1:45 PM. Pre-registration for this session is required.

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Director's Row H



Advanced

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 Interactive workshop

 Recorded session

 Double session

 Pre-registration required

C10

Everything You Always Wanted to Know About IACUC Forms, Guidelines, Policies, Meeting Minutes, and Ensuring Adequate and Effective Record Keeping

(IACUC Administration/Management and Process Track)

Rob W. Anderson, Bill Moseley, Susan Silk, Tanya Tims

In this interactive session, faculty and attendees will:

- Share ideas regarding the preparation of minutes that meet requirements, and discuss how to ensure minutes are FOIA-ready
- Examine strategies for reducing unnecessary, self-imposed regulatory burden
- Review what records are required and/or expected by AAALAC, OLAW, and USDA
- Discuss strategies for protecting the institution under FOIA or state/local open records laws
- Review what forms, guidelines, and policies an IACUC should have in place
- Share best practices for developing, maintaining, and implementing these documents (e.g., involving the research community in their development, and creating user-friendly, customer-focused forms, guidelines, and policies that really work)

Please note this is a double session and will end at 1:45 PM. Pre-registration for this session is required. Please [register online](#) or [email us](#), and we'll be sure to save you a seat! For those who pre-register, a lunch ticket will be included on your name badge. Please use this to pick up your boxed lunch in Plaza Ballroom EF before you proceed to the session room.

Governor's Square 12



C11

Program Review and Facility Inspections (Program Oversight Track)

Michelle J. Denning, Donna Matthews Jarrell, Eileen M. Morgan

Semiannual program reviews and facility inspections are envisioned as a function to aid in developing a sound animal care and use program. However, changes involving the institutional official, IACUC membership, IACUC staffing, organizational resources and infrastructure, and the organization's scientific mission can frequently precipitate perturbations or perplexing new challenges to these important tools of institutional oversight. During this session, faculty and attendees will:

- Review the basic precepts of facility inspections and programmatic review
- Identify common and uncommon problem areas
- Explore preemptive or restorative approaches to weaknesses in these oversight tools

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Director's Row E



C12

Attaining a New Performance Plateau Through Post-Approval Monitoring

(Program Oversight Track) Ron Banks, Melinda Bruns, Melissa S. Hunsley

Many institutions are now embracing post-approval monitoring as a useful means for assuring animal welfare and institutional compliance. However, there are no prescriptive regulatory expectations for post-approval monitoring. During this session, faculty and attendees will:

- Review the factors that can affect the success of a post-approval monitoring program, including: an appreciation of the organizational philosophy and culture; the style, character, pertinent content, authority, and reporting structure of a post-approval monitoring program; and the collaborative engagement of scientific colleagues
- Discuss the facets of a successful post-approval monitoring program from conception to delivery that can: a) assure the proficient and humane implementation of animal procedures in accordance with approved protocols; b) foster the continuing education of users; and c) integrate new techniques to benefit scientific outcomes

Please note this is a double session and will end at 1:45 PM. Pre-registration for this session is required. Please [register online](#) or [email us](#), and we'll be sure to save you a seat! For those who pre-register, a lunch ticket will be included on your name badge. Please use this to pick up your boxed lunch in Plaza Ballroom EF before you proceed to the session room.

Governor's Square 16



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Interactive workshop

Recorded session

Double session

Pre-registration required

C13

Pre-Approved IACUC Experimental Procedures for Principal Investigators to Use on Protocols (Protocol Review Track) David Cannon, Sonja L. Wallace

During this session, faculty and attendees will:

- Discuss how to create standard operating procedures for common experimental procedures
- Review what level of detail regarding standard operating procedure should be included in the protocol (i.e., do regulatory agencies allow protocols to refer to a specific standard operating procedures or should they be fully incorporated into the protocol?)
- Explore the pros and cons of using standard operating procedures in protocols while respecting the individual nature of research

Governor's Square 10



C14

Training and Assessment for IACUC Members and Staff

(Qualifications and Training Track) Erica Armstrong, Elizabeth Ford, Daphne Molnar

During this session, faculty and attendees will:

- Review and explore basic IACUC functions (PHS IV.B.1-8 and AWR 2.31.c.1-8)
- Examine the role and day-to-day work of the IACUC with experienced experts in the field
- Review ways to ensure the IACUC is qualified through training, expertise, and/or the experience of IACUC members, including through the use of webinars and professional meetings, the *Guide* Training Treasures, AWA, etc.
- Discuss opportunities for continuing education of IACUC members
- Explore IACUC reviewer process assessment tools, e.g., reviewer report cards, protocol review turn-around times, etc.

Please note this is a double session and will end at 1:45 PM. Pre-registration for this session is required. Please [register online](#) or [email us](#), and we'll be sure to save you a seat! For those who pre-register, a lunch ticket will be included on your name badge. Please use this to pick up your boxed lunch in Plaza Ballroom EF before you proceed to the session room.

Director's Row I



C15

Developing Surgical Skills in Researchers (Qualifications and Training Track)

Rivka L. Shoulson, Jason Villano

The recent *Guide* intensified a focus on training researchers how to perform surgery in animals and raised the bar for rodent surgeries. For any animal species, investigators must have the necessary skills in aseptic technique, gentle tissue handling, appropriate use of instruments, effective hemostasis, and appropriate technique and materials for wound closures. At institutions where animal surgeries are performed, a surgical training program including competence assessment is an essential component of the investigator training program. During this session, faculty and attendees will:

- Discuss how to cultivate the necessary surgical skills in researchers and how to create training programs
- Review options for implementing such programs
- Address the challenges of how to ensure surgical competence in animal research personnel

Plaza Court 8



C16

A Dialogue with the VA (Updates: A Dialogue with... Track)

Susan Harper, Alice Huang, Joan T. Richerson

This interactive workshop session is designed to provide an opportunity for participants to engage VA representatives on topics that are specific to animal research within the VA. The VA Research and Development program plays a key role in advancing the health and care of veterans. As part of the largest integrated healthcare system in the United States, research at the VA is not only important for addressing the service-related health concerns of veterans, but also makes important contributions to scientific inquiry and understanding that impacts American healthcare in general and the animal research programs on which that work relies. During this workshop, faculty (representatives from VA Central Office) and attendees (from stations across the nation) will:

- Review current issues in animal research that are of special concern to the VA
- Discuss questions encountered at the station level related to animal research within the VA (those who plan to attend are encouraged to submit questions to the faculty members ahead of time, as well as ask questions during the session)
- Exchange ideas and share experiences to gain greater perspective on ways to improve the management of animal research within the VA

Plaza Court 3



12:45-1:45 PM

Lunch

Plaza Ballroom EF

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Interactive workshop

Recorded session

Double session

Pre-registration required

Thursday, April 3 (cont.)

12:45-1:45 PM

Research Ethics Book Group Lunch and Book Signing with Author Emily Anthes

Participate in a vibrant discussion of *Frankenstein's Cat: Cuddling Up to Biotech's Brave New Beasts* by Emily Anthes, a journalist and author who specializes in telling the stories of science. Attendees will have the opportunity to discuss the book with their peers and the author, and she will be available to sign books during this time. Ms. Anthes' book is available in print and for the Kindle through [Amazon.com](https://www.amazon.com) and copies will be available for purchase onsite in the Plaza/Exhibit Foyer. Please [register online](#) or [email us](#), and we'll be sure to save you a seat!

Plaza Ballroom D



2:00-2:45 PM

Henry Spira Memorial Lecture:

Human Organs-on-Chips as Potential Replacements for Animal Testing

Donald E. Ingber, MD, PhD, *Founding Director, Core Faculty Member, and Platform Leader of Biomimetic Microsystems, Wyss Institute for Biologically Inspired Engineering, Harvard University; Judah Folkman Professor of Vascular Biology, Harvard Medical School/Boston Children's Hospital; Professor of Bioengineering, Harvard School of Engineering & Applied Sciences*

Plaza Ballroom ABC



2:45-3:00 PM

Break

3:00-4:30 PM

Panel IV: Virtual IACUC – This Meeting Is in Session!

Moderator: Mary Jo Shepherd

Panelists: George F. Babcock, John F. Bradfield, Patricia A. Brown, Carol R. Byerly, Carol Clarke, Natalie L. Mays, Gordon Roble, Richard J. Traystman

Be sure not to miss this real-time virtual IACUC meeting! Virtual agenda items will be made available to conference attendees prior to the "meeting," and attendees will have the opportunity to electronically participate in the virtual committee voting process via text or web polling. Audience vote tallies will then be displayed and discussed in real time, and representatives from AAALAC, OLAW, and/or USDA will provide their perspective on each issue discussed by the virtual IACUC. Items on the agenda will be included on the Conference Passport in advance of the meeting.

Plaza Ballroom ABC



4:30 -4:45 PM

Break

Join us for coffee.

Plaza/Exhibit Foyer

Didactic Sessions and Workshops Series D, 4:45-6:00 PM

D1

The 3Rs at Work: Case Studies on Protocols Involving Complex Animal Models

(*Animal Well-Being and the 3Rs Track*) Ernest D. Prentice, Joanne Zurlo

During this session, faculty and attendees will:

- Review challenging animal models
- Define the principles of the 3Rs, including when it is better to use more animals for the benefit of the individual animals
- Use specific case studies to address project planning, training, monitoring and, ultimately, intervention and decision making

Governor's Square 9



D2

Current Approaches to Effective Pain Management for Research with Animals: What's New? What Works? What Doesn't? (*Animal Well-Being and the 3Rs Track*)

Barbara Garibaldi, Gordon Roble

During this session, faculty will:

- Review current methods for managing pain in laboratory animals
- Discuss how to maintain a surgical plane of anesthesia in rodents
- Outline the challenges of providing analgesia for immunological studies
- Explore current thinking on peri-operative pain management
- Address the use of neuromuscular blockers and how to assess their value to animal welfare

Director's Row I



ICON KEY

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Didactic session



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Interactive workshop



Recorded session



Double session



Pre-registration required



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D3

Open Forum for IACUC Chairs (Communication and Advocacy Track)

George F. Babcock, Peter J. Koch

This interactive session will provide a forum for IACUC chairs to discuss the issues they face in carrying out their duties, including, their role as leaders in the process of certifying the institution's compliance with regulations, policies, and guidelines. During this session, faculty and attendees will:

- Discuss the roles and responsibilities of IACUC chairs at various institutions and the support needed to carry out those responsibilities
- Examine the core responsibilities of the institutional official from the USDA and PHS perspectives, and delineate the respective responsibilities of the institutional official, the IACUC, and the attending veterinarian
- Review the methods used by the IACUC to deliver quality service, liaise with investigators to resolve problems, and promote IACUC programs and advocate for the development of research animal resources

Governor's Square 10



D4

Educating the Public About Biomedical Research (Communication and Advocacy Track)

Emily Anthes, Allyson J. Bennett, Elizabeth Goldentyer, Tracy M. Heenan

In the last decade, surveys have shown that public support for biomedical research with animal models has fallen. During this session, faculty and attendees will:

- Review recent polling data on public support for research using animal models
- Explore options for educating the public in an effort to provide a balanced understanding of the pros and cons of research with animals
- Discuss how best to provide the facts about why animals are used in research, what kind of care is provided to the animals during a research study, and what the benefits are for both people and animals from this type of research
- Review where information about educating the public is available

Director's Row J



D5

Implementing a Rodent Peri-Operative Care Program in a Large Academic Facility

(Hot Topics, Trends, and Special Issues Track) Jeffrey Fortman, Julia Goldman

The *Guide's* section on protocol review includes a list of topics that should be considered by the IACUC. One topic is post-procedural care and observation (e.g., inclusion of post-treatment or post-surgical assessment forms). During this session, faculty will:

- Review the development and implementation of a program to document a peri-operative care program for rodents
- Discuss the options that need to be considered in setting up such a program, and the processes for doing so
- Review the role of self-assessment in, and common investigator mistakes and findings around, implementing a peri-operative care program
- Outline strategies for managing push back from investigators

Plaza Court 2



Advanced

D6

Open – No session is scheduled

Plaza Court 7

D7

IACUC Administration for New Administrators/Coordinators

(IACUC Administration/Management and Process Track)

Natalie L. Mays, Rachel A. Murray, Felicia Ponce

During this session, seasoned faculty will review the basics of IACUC administration including:

- Managing protocol review
- Managing inspections and program reviews
- Post-approval monitoring
- IACUC/investigator interactions
- Fostering a culture of compliance that is essential for optimizing an institution's research environment
- Dealing with challenging customers and situations and promoting customer service

Governor's Square 16



Basic

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Interactive workshop

Recorded session

Double session

Pre-registration required

D8

Identifying and Tracking Exceptions and Deviations: How Does the IACUC Staff Make Sure Nothing Is Missed? (IACUC Administration/Management and Process Track)

Linda N. Brovarney, Patricia A. Brown

During this session, faculty and attendees will share ideas and processes for:

- Identifying true deviations and exceptions
- Documenting and assuring that all deviations and exceptions are accounted for
- Determining which deviations and exceptions should be included in the semiannual reports
- Defining which deviations and exceptions must be reported

Governor's Square 15



D9

Social Housing for Species Other than Mice and Monkeys

(Animal Well-Being and the 3Rs Track) Torrie L. Condet, Emily Miedel, Axel Wolff

The *Guide* now recommends that social housing for social species be the default for most research species. Yet, intra-species aggression can present challenges to meeting this recommendation. During this session, participants will be asked to share their experiences, and with the faculty they will:

- Review the common problems faced in meeting social housing requirements, particularly for rabbits and pigs
- Discuss possible solutions to fulfill the needs of social animals maintained at biomedical research sites
- Explore specific cases related to social housing at individual institutions

Plaza Court 4



D10

Auditing Outsourced Animal Activities

(Program Oversight Track) Donna Goldsteen, Amber Lange, Eileen M. Morgan

During this session, faculty will:

- Discuss the necessity of monitoring contract research organizations, specifically for welfare compliance
- Review how the auditing process should be managed, and discuss what to do with the results of an audit
- Outline how to prepare for audits, and review how laboratories are deemed acceptable for use
- Address how this type of monitoring differs from routine Study Monitoring or Good Laboratory Practices inspections
- Explore how academia interfaces with contract research organizations

Director's Row E



D11

Scientist User Committees: Constructive or Constrictive (Program Oversight Track)

Kevin Prestia, Jennifer Pullium, Jon D. Reuter

Scientist user committees are usually created by senior administration in the spirit of collaboration and as a mechanism to offer constituents a voice in shaping program and research support needs. They are generally composed of representative faculty and administrative staff offering representation of major interest groups. While ideally functioning as an advisory committee for animal program related issues, if left unmanaged, committee meetings can quickly turn into gripe sessions and platforms for personal vendettas. Major functions of these committees should include meeting periodically to review and provide representative faculty input and guidance on major animal care and use program and IACUC initiatives, policies, health status of animal colonies, resource limitations, vivarium space usage, proposed financial reimbursements that impact overall per diem rates, and other animal management related activity. Their authority, membership, and administrative placement together influence the effectiveness and value to the institution. During this session, faculty and attendees will:

- Define the purpose and authority of scientist user committees
- Evaluate who should participate in these committees
- Discuss the benefits and pitfalls of these committees
- Explore how these committees interact with the institutional official and IACUC

Plaza Court 8



ICON KEY

Basic: Session provides an introduction to the topic for those who have little or no prior knowledge of it.

Didactic session

Call for Program Contributions

Advanced: Session assumes mastery of central ethical concepts and principles, of the regulations, and of the processes of applying them to the day-to-day work of protocol review or research oversight activities, and aims to provide in-depth knowledge of a topic and a robust set of skills required for addressing difficult problems and navigating "grey areas."

Interactive workshop

Recorded session

Double session

Pre-registration required

D12

Testing Your Disaster Plans: Don't Let Your Plan Be a Disaster!

(Program Oversight Track) Essi Ellis, Stuart Pike

During this session, faculty and attendees will:

- Briefly review the various elements of a disaster plan
- Learn how to conduct and participate in a table top exercise using the components of a typical disaster plan so as to determine the weaknesses of the plan in advance of a disaster
- Develop an understanding that there is no "perfect" plan, and that any plan must meet the individual needs of an institution—one size does not fit all!

Plaza Court 3



Advanced

D13

Panel III Follow-Up: IACUC Review of Protocols – Harm/Benefit for Balancing Ethics, Compliance, and Science (Protocol Review Track)

Elizabeth Ford, Adam Shriver, Janet D. Stemwedel

During this session, faculty and attendees will:

- Explore the ethical issues that may arise when an IACUC reviews a protocol
- Examine the ways an IACUC review can ensure both institutional compliance and ethical responsibility, while also facilitating research
- Discuss how to use standardized procedures
- Review how a culture of welfare can promote a more rigorous harm/benefit review

Director's Row H



D14

Advantages and Disadvantages of Combined and Master Protocols (Protocol Review Track) Charles Burnett, Jr., Jori K. Leszczynski, Nancy Figler Marks

Should you group together or split apart your protocols? Some institutions believe that each grant should have its own protocol, while others follow the philosophy that, as long as the specific aims of the research are the same, multiple grants can be covered under the same protocol. During this session, faculty and attendees will:

- Explore the pros and cons of each approach
- Review the decision-making process with regard to combining or splitting protocols
- Determine how to tie protocols and monies to grants when using a master protocol, and explore the challenges related to this approach

Governor's Square 17



D15

Changing the Culture to Improve Compliance

(Qualifications and Training Track) Ron Banks

During this session, faculty will:

- Review how to design a local research administrator certification curriculum and enlist institutional support
- Discuss the value of educated staff to the IACUC's mission and responsibilities
- Explore how thinking outside the box keeps compliance inside the box
- Review other ways to expand this program through subcommittees, subject matter experts, etc.

Governor's Square 12



Advanced

D16

A Dialogue with AAALAC International (Updates: A Dialogue with...Track)

Christian E. Newcomer

AAALAC International is a voluntary accrediting organization that enhances the quality of research, teaching, and testing by promoting humane, responsible animal care and use. It provides advice and independent assessments to participating institutions and accredits those that meet or exceed applicable standards. This interactive session will provide an opportunity for attendees to:

- Ask questions of a representative of AAALAC International
- Participate in an open discussion about issues relevant to AAALAC International stakeholders

Plaza Court 5



6:00-7:00 PM

Closing Reception

Join us for fond farewells and to make plans for the **2015 IACUC Conference**.

Light refreshments will be served.

Plaza/Exhibit Foyer

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Interactive workshop

Recorded session

Double session

Pre-registration required