

PRIMER's 2017 IACUC Conference

March 19 - 21 • New Orleans, LA



Sunday, March 19: Pre-Conference Programs

7:00 AM-6:00 PM

Registration

Breakfast on your own.

Preservation Hall
Foyer

8:00 AM-4:30 PM

Beyond the Basics: Advanced Issues and Current Topics in IACUC Administration

This intermediate/advanced level educational program is intended for participants that have a thorough understanding of the regulatory standards governing research, teaching, and testing activities that include vertebrate animals. Is regulatory burden truly impeding advancements in biomedical research? Since 2005, federal agencies and numerous research organizations (Federal Demonstration Partnership) have been investigating this matter, and determined through meetings and surveys that investigators spend at least 42% of their time managing regulatory affairs rather than conducting research. The National Research Council and the National Science Board also reviewed the impact of regulatory burden, and confirmed that regulatory burden costs research organizations millions of dollars a year and hinders the ability of scientists to dedicate their time to advancements in biomedical research. As a result of this effort, the 21st Century Cures Act, a bill intended to reduce regulatory burden, passed through Congress and is with President Obama. This bill requires agencies to reduce administrative burden, and specific components are expected to impact animal research, teaching, and testing activities. During this program, participants will investigate specific and focused topics associated with reducing regulatory burden through a variety of interactive and engaging activities. Attendees will participate in the review and discussion of program processes, and investigate potential opportunities for minimizing regulatory burden while ensuring animal welfare and ongoing compliance.

Galerie 3



8:00 AM-5:30 PM

Essentials of IACUC Administration—Intensive

Essentials of IACUC Administration—Intensive provides attendees with knowledge and tools to effectively manage an animal care and use program. After attending this course, you will be able to: List key components of an IACUC program; understand the primary responsibilities of IACUC administrators; discuss strategies for creating and maintaining a culture of compliance; and implement best practices to ensure that IACUC administrators and their staff provide the support necessary to develop and continually strengthen both the IACUC and the broader animal care and use program. This program is ideal for experienced IACUC administrators and support staff, as well as training and compliance personnel. It is strongly suggested attendees attend a pre-requisite "basics" course (IACUC 101™ or IACUC 201), or be working with an IACUC for at least a year prior to taking the course.

Galerie 6



8:00 AM-5:00 PM

IACUC 101™: "The Basics"

IACUC 101™: "The Basics" is a didactic and interactive educational opportunity for both new and seasoned IACUC members, IACUC affiliates, and others who contribute to their institution's animal care and use program. Didactic sessions address institutional responsibilities, IACUC charges, relevant informational resources, animal welfare laws, regulations and policies, and best practices. Attendees also are challenged to consider, deliberate, and develop action plans for a variety of potential IACUC scenarios. The course includes question and answer sessions with representatives from USDA, OLAW, and AAALAC.

Galerie 5



4:30-6:30 PM

Pre-Conference Programs Networking Reception

All those registered to attend a pre-conference program are welcome to join us for a networking reception. Light refreshments will be served.


Studios & Preservation
Hall Foyer




ICON KEY


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 Didactic session


 Interactive workshop

 Double session

 Eligible for CPIA
recertification credit

 Call for Session Proposals

 Recorded session

 Pre-registration required

PRIM&R's 2017 IACUC Conference

March 19 - 21 • New Orleans, LA



Monday, March 20: IACUC17

7:00 AM-5:00 PM

Registration

Breakfast on your own.

Preservation Hall
Foyer

7:00-8:00 AM

Continental Breakfast to Welcome First-Time Attendees

Attending the IACUC Conference for the first time can be exciting and overwhelming, which is why PRIM&R invites all first-time attendees to participate in this special breakfast. This event is a great opportunity for first-time attendees to ask questions of the PRIM&R staff and seasoned attendees about the conference and PRIM&R in general, and to learn about strategies and resources that can help them make the most of their conference experience. We would love to see you there! Pre-registration is required.

Bissonet Ballroom



8:00-8:05 AM

Welcome from the IACUC17 Co-Chairs

Jori K. Leszczynski, Natalie L. Mays

Acadia Ballroom



8:05-8:15 AM

Presentation of the PRIM&R ARENA Legacy Award to Marcy A. Brown, BS, MA, LSSBB, CMAR, CPIA, Animal Welfare Regulatory Compliance Lead, Pfizer Worldwide Research and Development

Presented by David J. Lyons, PhD, Member, PRIM&R's Membership Committee

Acadia Ballroom



8:15-8:30 AM

Welcome from PRIM&R's Executive Director

Elisa A. Hurley

Acadia Ballroom



8:30-9:15 AM

Keynote Address: Gut Microbiota and Reproducibility of Rodent Models of Disease

Craig L. Franklin, DVM, PhD, DACLAM, Professor, Department of Veterinary Pathobiology, College of Veterinary Medicine; Director, Mutant Mouse Resource and Research Center; Director, Comparative Medicine Program; Director, Veterinary Research Scholars Program, University of Missouri

Acadia Ballroom



9:15-10:30 AM

Panel I: Virtual IACUC: This Meeting Is in Session!

Moderator: *Mindy Hollander*

Panelists: *Robert Wayne Barbee, Joel Brown, Patricia A. Brown, Larry Carbone, Carol Clarke, Clarissa Dirks, Andrew W. Grady, Jennifer A. Perkins, Janet D. Stewwedel*

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, and representatives from AAALAC International, OLAW, and USDA, APHIS, Animal Care will provide their perspective on each issue discussed by the virtual IACUC.

Acadia Ballroom



10:30-11:00 AM

Beverage Break With the Supporters and Exhibitors

Thank you to iMedRIS Data Corporation for supporting this break.

Studios & Preservation
Hall Foyer

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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

A1

Managing Social Housing for Rodents and Rabbits

(Animal Well-Being and the Three Rs Track) Georgina Dobek, Neera V. Gopee (OLAW resource person), Jennie Lofgren

According to the *Guide*, social species should be socially housed whenever possible; however, managing social housing in a large or complex colony can be very challenging and time consuming. This session will focus on experiences, best practices, and practical approaches to social housing, which is currently being scrutinized by AAALAC International and other entities. Attendees should have an understanding of the social housing requirements of the *Guide*, facility operations, the challenges faced with documenting social housing of large populations, and acceptable reasons for exemptions to social housing before attending this session. During this session, speakers and attendees will:

- Review how to successfully manage a social housing initiative for rodent and rabbit colonies
- Share insight on developing standard operating procedures/policies and documentation for a social housing initiative for rodent and rabbit colonies
- Discuss how to educate animal care and laboratory staff on social housing initiatives

Studio 5



Advanced

A2

Time to Connect: A Conversation With AAALAC International (Communication and Networking Track) John F. Bradfield

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 meet with the leadership of the organization to:

- Review the process of achieving or maintaining AAALAC accreditation
- Discuss AAALAC's approach to cutting edge issues in animal care and use
- Outline the top deficiencies reported to AAALAC and how the organization handles these reports
- Identify and discuss the most frequent findings during site visits
- Become familiar with AAALAC staff and the resources available for those wishing to maintain or achieve a robust system of animal care and use

Studio 10



A3

Open Forum for Attending Veterinarians (Communication and Networking Track) Jori K. Leszczynski, Jon D. Reuter

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, speakers 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

Galvez



A4

Dare to Care: Developing and Implementing a Sustainable Compassion Fatigue Program that Meets Your Institutional Needs (Hot Topics and Emerging Trends Track) Anneke Keizer, J. Preston Van Hooser, Sally Thompson-Iritani

This session will introduce the topic of compassion fatigue as it applies to people who work directly with animals and members of the IACUC and their support staff. There will be an opportunity for discrete table top discussions in relation to both the causes and impacts of compassion fatigue. Participants will be provided with tools and strategies to ameliorate, reduce, and avoid compassion fatigue, as well as examples on how to develop a sustainable program that meets the needs of the research community. During this session, speakers and attendees will:

- Review the topic of compassion fatigue as it applies to people who work directly with animals and members of the IACUC and their support staff
- Share individual strategies on how to manage human emotions for laboratory animal professionals
- Explore how to develop and implement a sustainable compassion fatigue program

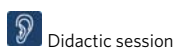
Jackson



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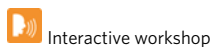
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Didactic session



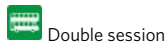
Call for Session Proposals



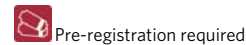
Interactive workshop



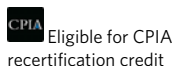
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

A5

Report from the American Association for Laboratory Animal Science (AALAS)-Federation of European Laboratory Animal Science Associations (FELASA) Working Group on Harm-Benefit Analysis: Now That it Is Here, What Do We Do With It? (*Hot Topics and Emerging Trends Track*) Kathryn Bayne (AAALAC resource person), B. Taylor Bennett, Allyson J. Bennett, Patricia A. Brown, Chris E. Newcomer, William S. Stokes

Galerie 6



In June 2016, the AALAS-FELASA Working Group on Harm-Benefit Analysis released a two-part report on the concept and practical implementation of a harm-benefit analysis, citing this process is "still nebulous for many of the project applicants and committee members – and to the public who want accountability for this component of protocol/project review." The report is broken into two parts: (1) *Current Concepts of Harm-Benefit Analysis of Animal Experiments*; and (2) *Recommendations for Addressing Harm-Benefit Analysis and Implementation in Ethical Evaluation*. The AALAS-FELASA Working Group note that "a guideline on the practical implementation of the harm-benefit analysis would help researchers and committee members, and provide information that would help to improve the public's understanding of the reasons for the use of animals in biomedical research." During this session, speakers and attendees will:

- Review both parts of the report, outlining their importance to IACUCs and animal care and use programs
- Discuss if AAALAC, OLAW, and/or USDA, will move toward requesting these harm-benefit analyses and, if so, in what format

A6

Reserved for Late-Breaking Session

A7

Bootcamp: Fundamentals for IACUC Members

(*IACUC Administration/Management and Process Track*) Elizabeth Goldentyer (USDA resource person), Monte Matthews, Ernest D. Prentice

Galerie 5



This session is for individuals new to the field and will provide a comprehensive review of the oversight process, IACUC functions, federal regulations, frequently used acronyms, the *Guide*, protocol review, and committee make-up. *Please note this session will be similar to the IACUC 101 pre-conference program being held on March 19.* During this session, speakers and attendees will:

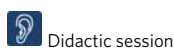
- Review frequently used acronyms
- Examine specific USDA and OLAW regulations, and AAALAC International requirements
- Outline IACUC responsibilities and charges
- Provide insight on the protocol review process (e.g., full committee and designated member reviews, protocol form components, amendments, minor vs. significant modifications)
- Explore other required institutional program components (e.g., occupational health and safety programs, training programs, emergency/disaster plans)

This is a double session and will go until 1:45 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPJA recertification credit

A8

IACUC Basics for the Use of Wildlife in Research and Education

(Not Your Average IACUC Track) John A. Bryan, II, Robert M. Gibbens (USDA resource person), Robert S. Sikes

This session will cover the basics for IACUC deliberations of those activities involving wildlife. The speakers will use a protocol tailored for wildlife to cover the information needed for an effective review of proposed activities, and provide resources specific to wildlife research. During this session, speakers will:

- Review the numbers and species of animals, both target and non-target
- Discuss the use of pharmaceuticals in capture and handling, and for relief of pain
- Address euthanasia in the field
- Explore issues in the field related to occupational health and safety

Studio 4



A9

Program Review and Facility Inspections (Program Management Track) Shay Cook, Donna Matthews Jarrell, Elizabeth Meek (USDA resource person), Venita Thornton (OLAW resource person), Donna M. Zyry

Semiannual program reviews and facility inspections conducted by the IACUC offer research institutions the opportunity to review and evaluate all aspects of the animal care and use program. These activities ensure general practices, procedures, and policies are compliant with federal and local regulations and that animal welfare considerations are realized. All roles, from IACUC administrators to IACUC membership and supporting departmental partners, should be invited to participate in the conduct of these activities with appropriate preparation or training. Utilization of active learning tools similar to the ones used in the new Interagency Collaborative Animal Research Education workshops, will offer attendees an interactive experience. During this session, speakers and attendees will:

- Review basic precepts of programmatic review and facility inspections
- Identify successful practices and challenges experienced by institutions today
- Go over expectations in conducting program reviews and their benefits
- Explore innovative approaches for performing highly effective semiannual facility inspections
- Discuss constructive reporting, action planning, and compliance tracking for deficiencies identified

This is a double session and will go until 1:45 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Studios 7 & 8



A10

IACUC Challenges for Small Organizations (Program Management Track) Michelle Aparicio, Doreen H. Bartlett, Carol Clarke, Shannon Reynolds

In this session, speakers and attendees will focus on how to run an efficient and effective IACUC with limited resources, creative solutions for challenges inherent to small organizations, and common sources of administrative burden. During this session, speakers and attendees will:

- Share strategies for how to create an IACUC from scratch
- Discuss how to maintain a small IACUC where members must wear multiple hats
- Explore how to review protocols (including teaching protocols), perform program reviews, and conduct inspections in spite of limited scientific expertise, inexperienced members, and consulting veterinarians
- Review how to make arrangements for a contract veterinarian where necessary (e.g., visit frequency, provisions for afterhours care if needed, alternate contacts, etc.)

This is a double session and will go until 1:45 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Galerie 4



A11

The Protocol Form: A Critical Factor in Getting What You Need from Investigators (Protocol Review Track)

Chieko Azuma, Toni O’Connell, Mary Jo Shepherd

This session will demonstrate how critical a well-designed protocol form is to streamlining the review process and reducing burden on both the IACUC and members of the research community. During this session, speakers and attendees will:

- Review the order of sections/questions on a protocol (e.g., what is important?)
- Discuss how to create clear, concise questions essential to getting what you need from principal investigators
- Explore how to use "help" buttons and links to useful information within the form
- Go over the use of pre-populated common procedures

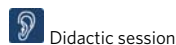
Studios 1 & 2



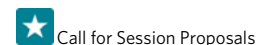
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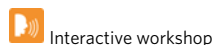
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Didactic session



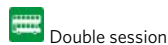
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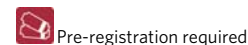
Interactive workshop



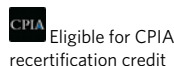
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

A12

Interagency Collaborative Animal Research Education (ICARE): Using Active Learning (AL) Methodology to Promote Animal Welfare (Training and Qualifications Track) Nancy D. Connell, Clarissa Dirks, William G. Greer, Mindy Hollander, Susan Silk

This session will assess the role of the IACUC in promoting animal welfare, and will examine the benefits of using AL in IACUC training. During this session, speakers and attendees will:

- Demonstrate AL principles in the ICARE Module titled, "IACUC Authority and Responsibility for Animal Welfare"
- Discuss AL as applied to IACUC content

This is a double session and will go until 1:45 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Studio 9



12:30-1:45 PM

Networking Lunch

Time to connect...over lunch! Meet peers for conversation and networking. All are welcome!

Galerie 1-3

12:30-1:45 PM

Federal Demonstration Partnership's (FDP's) Faculty Workload Survey: A Discussion on Reducing Administrative Burden JR Haywood, Sandra Schneider, Sally Thompson-Iritani

Note: Attendees should get their lunch in Galerie 1-3 before the session starts. In 2012, the FDP conducted a survey of principal investigators of federally funded projects to determine the impact of federal regulations and requirements on the research process. According to survey results, principal investigators reported that "almost half of their available research time for federal projects had to be allocated to project-related requirements instead of the content of their research projects." In addition, principal investigators "estimated that an average of 42% of their research time associated with federally funded projects was spent on meeting requirements rather than conducting active research." During this session, FDP staff along with members of the animal care and use community will:

- Review the survey results and compare how they relate to the National Academies of Sciences, Engineering, and Medicine's recently published report, Optimizing the Nation's Investment in Academic Research: A New Regulatory Framework for the 21st Century
- Consider the implications of the survey results on the field
- Discuss the current work being done by FDP in this area, including FDP's tracking of the 21st Century Cures Act section on "Reducing Administrative Burden for Researchers"
- Explore how a new database being set-up through FDP – the Compliance Unit Standard Procedures – will allow the animal care and use community to share common IACUC practices in an effort to help reduce administrative burden

This will be a working lunch session. Attendees will get their boxed lunch in Galerie 1-3 before the session starts.

Bissonet Ballroom



2:00-2:45 PM

Henry Spira Memorial Lecture: Assumptions and Certainty

[William J. White, VMD, MS, DAACLAM, Dip. ECLAM](#), Corporate Vice President, Veterinary and Professional Services, Charles River Laboratories (retired)

Acadia Ballroom



2:45-3:00 PM

Break

Breakout Sessions – Series B, 3:00-4:15 PM

B1

Rodent Surgery Expectations (Animal Well-Being and the Three Rs Track) Szczepan Baran, Skye Rasmussen

During this session, speakers will:

- Identify issues and concerns about performing rodent surgery
- Review recent literature and findings on pre-surgical preparations (e.g., thermal support, skin preparation, etc.)
- Discuss perioperative assessments and post-operative care
- Address promotion of consistency with oversight of post-operative rodents

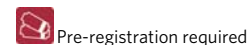
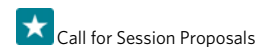
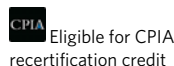
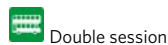
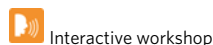
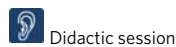
Studio 10



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B2

Using Behavioral Management to Promote Refinement (*Animal Well-Being and the Three Rs Track*) Kate C. Baker, Jennifer Beninson, Debra L. Hickman

As a way to promote refinement, it is becoming more common for animal care and use programs to have behavioral management programs. During this session, speakers will:

- Review examples of behavioral management programs for different animal species, including nonhuman primates, and how they promote refinement
- Discuss challenges with implementing behavioral management programs and potential solutions
- Address the IACUC's role in behavioral management programs

Galvez



B3

Developing and Maintaining a Positive and Productive Communication Environment in Your Animal Care and Use Program (*Communication and Networking Track*) Emily W. Clark, Jo Ann Henry

Developing and maintaining a positive communication environment is the foundation upon which a culture of compliance can be built. During this session, speakers and attendees will:

- Review various activities that can improve the communication environment between the assorted stakeholders and those who provide both animal care and IACUC support
- Learn how to develop and maintain a positive communications environment
- Identify situations that can compromise this environment
- Discuss ways to deal with these situations

Galerie 6



B4

Open Forum for IACUC Chairs (*Communication and Networking Track*) George F. Babcock, Robert Kesterson

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, speakers and attendees will:

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

Studio 3



B5

Pain Management in Your Scientific Methods: How Better Writing Can Lead to Better Animal Welfare and Science (*Hot Topics and Emerging Trends Track*) Larry Carbone

Despite *Animal Research: Reporting of In Vivo Experiments* and National Academies guidance for better publication of animal experiments, in most publications sampled, it was impossible to know whether animals received analgesics after research surgeries. This publication gap limits readers' ability to critically evaluate the literature, reduces the likelihood of successful replication, and challenges efforts to evaluate protocols with unalleviated pain or distress. This session will present data on the publication gap, and demonstrate how better writing and publication practices could improve IACUC functions and animal welfare. During this session, speakers will:

- Discuss how poorly written methods sections can undermine data reproducibility and animal welfare
- Review the limits of standard literature searches for protocols with unalleviated pain or distress
- Share suggestions for how IACUCs and the *Guide* can improve animal welfare through Guidance on better publishing

Jackson



ICON KEY

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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

B6

IACUC Administration for New IACUC Administrators/Coordinators

(IACUC Administration/Management and Process Track) Sandra L. Jensen, Natalie L. Mays, Trina M. Smith

This session is for individuals responsible for administrative support of the IACUC, and will provide a comprehensive review of responsibilities typically assigned to IACUC administrators/coordinators. *Please note this session will be similar to the Essentials of IACUC Administration-Intensive pre-conference program being held March 19.* During this session, speakers will:

- Outline the role of the IACUC administrator as a customer service agent
- Discuss ways to support the protocol review process
- Provide various options for conducting post-approval monitoring
- Share strategies on how to streamline administrative processes for IACUC administrative staff

Studios 7 and 8



Basic

B7

IACUC Handling of Wildlife in Management Versus Research Decisions (Not Your Average IACUC Track)

Robert M. Gibbens (USDA resource person), Elaine K. Kim, Brent C. Morse (OLAW resource person), Tracy A. Thompson, Sally Thompson-Iritani

This mini panel session will focus on the issues IACUCs and investigators face when animals are used for both wildlife management and research. Collecting data tailored for both management and research purposes maximizes benefit per capture, but also imposes challenges for the IACUC where their responsibilities are confined to research, teaching, and testing. These topics will be addressed primarily through scenarios about these gray areas. During this session, speakers and attendees will:

- Clarify regulatory requirements for IACUC review and oversight of wildlife management versus wildlife research activities
- Explore the use of data collected for management activities in subsequent research publications
- Discuss how teams composed of management and academic personnel collect multiple data on hard-to-capture wild species
- Review the IACUC's responsibilities and limitations when work occurs on land that is not owned by the institution (e.g., public, state, and federal lands, tribal lands, etc.)

Studio 5



B8

Freedom of Information Act (FOIA) and State Open Records Acts: The Dos and Don'ts (Program Management Track)

B. Taylor Bennett, Elizabeth Goldentyer (USDA resource person), Jennifer A. Perkins

During this session, speakers will:

- Review the requirements of FOIA and state open records acts
- Discuss the importance of maintaining FOIA ready documents
- Outline what to do if records are requested
- Address the type of information required in an Animal Welfare Assurance, a self-report to OLAW, and the annual report to USDA protocols

Studio 4



B9

Beyond the IACUC: Understanding the Bigger Compliance Picture (Program Management Track) Barbara A. Garibaldi,

Christina Nascimento

IACUCs regularly encounter noncompliance related to animal care and use, but oftentimes that noncompliance has greater implications. This session will help IACUCs identify overlap with other compliance functions; provide examples of noncompliant activities in these areas that may be identified during the conduct of IACUC business or through inquiries/investigations into IACUC-related noncompliance; and empower IACUC professionals with the know-how to both recognize and address noncompliance that may or may not be directly related to animal care and use. During this session, speakers and attendees will:

- Review the most likely areas that could be affected by IACUC noncompliance
- Discuss examples of IACUC noncompliance, how they can potentially trigger additional investigations and reporting requirements, and who to contact at the institution when issues arise
- Address basic reporting requirements for funding agencies, research hazard exposures, and other common overlap areas

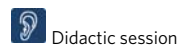
Studios 1 & 2



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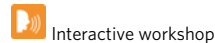
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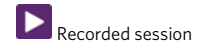
Didactic session



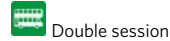
Call for Session Proposals



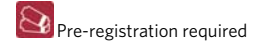
Interactive workshop



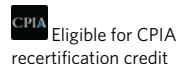
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

B10

Teaching Protocols, Classroom Activities, and More (Protocol Review Track) Phillip Harris, Robert S. Sikes, Janet D. Stemwedel

Galerie 4



Animals are used in the classroom at many institutions of higher education. The review of these uses of animals can pose challenges for IACUCs. During this session, speakers will:

- Discuss concerns specific to teaching protocols, including pedagogical value of repeated activities
- Review what questions need to be asked with each type of protocol
- Provide strategies to identify students enrolled in these courses, and review how to ensure students are knowledgeable about species-specific and project-specific dangers and risks
- Outline ways to ensure students are well informed of next steps should health concerns arise
- Explore ways to document training and receipt of information regarding health concerns and animal welfare reporting

B11

Protocol Review Fundamentals

(Protocol Review Track)

Tanise L. Jackson, Mary Jo Shepherd

Galerie 5



Basic

During this session, speakers will review regulatory protocol review requirements and explore ways to effectively do review while reducing burden on members of the research community, IACUC members, and IACUC staff. During this session, speakers will:

- Go over protocol review requirements
- Discuss the pros and cons of using subcommittees
- Explore the benefits and disadvantages of designated member review versus full committee review
- Review the use of checklists in the process
- Examine ways to improve consistency among reviewers and reduce burden

B12

Initial Implementation of Active Learning (AL) in Assured and Registered Institutional Animal Care and Use Programs by Participants in the Interagency Collaborative Animal Research Education (ICARE) Train the Trainers Institute (Training and Qualifications Track)

Rebecca D. Armstrong, Nancy D. Connell (resource person), Clarissa Dirks (resource person), William G. Greer (resource person), Claire R. Johnson, Kiirsa Pokryfke, Susan Silk (resource person)

Studio 9



This session will discuss and demonstrate initial implementation of AL methodology at institutions. During this session, speakers and attendees will:

- Define AL
- Identify ways AL has been implemented at three different institutions
- Analyze the challenges institutions face in implementing AL
- Propose solutions for implementing AL in IACUC education and training

4:15-4:30 PM

Beverage Break With the Supporters and Exhibitors

Thank you to Huron for supporting this break.

Studios & Preservation Hall Foyer

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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

C1

Consequences of Environmental Stress in Rodents (*Animal Well-Being and the Three Rs Track*)

Kathryn Bayne, Georgina Dobek

During this session, speakers will:

- Review information on social housing for rodents
- Discuss solutions for environmental stress, as well as the implications of bedding, caging, nesting materials, light, noise, magnetic fields, and male versus female experimenters/husbandry staff on mouse well-being and research outcomes
- Examine whether the *Guide* recommendations regarding social housing for rodents (e.g., mouse room temperature) may exacerbate the environmental stress problem

Studios 7 & 8



C2

Developing and Implementing Proactive Communication Strategies Surrounding the Use of Animals in Biomedical Research (*Communication and Networking Track*) Allyson J. Bennett, Diana Gordon, Ken Gordon

Institutions and organizations that develop and implement proactive communication strategies surrounding the use of animals in biomedical research provide vital tools in dealing with the lack of understanding on the part of their staff and the public of how animal based research is conducted and the dynamic oversight process that regulates this activity.

During this session, speakers and attendees will:

- Discuss the resources available that can help institutions and organizations in developing a proactive communication program
- Review the key components of becoming an effective communicator
- Provide examples of effective communication strategies

Studio 3



C3

Exploring and Enhancing Diversity Within Our Compliance Committees (*Communication and Networking Track*)

Tanise L. Jackson, Donna Matthews Jarrell, Natalie L. Mays, Janet D. Stemwedel

PRIM&R's commitment to diversity, one of its core values, is supported in this session. Facilitators and attendees will brainstorm and strategize how to champion the important benefits of diversity in all aspects of regulatory affairs and regulatory compliance career pathways. This will span from animal care personnel, to the IACUC office and membership, to our researcher community partners. During this session, speakers and attendees will:

- Discuss the benefits and challenges around diversity in IACUC committees and workplaces
- Expand on "Why Diversity Matters" in the biomedical community
- Examine mechanisms to increase diversity competencies
- Provide and practice using a "toolbox of skills" for communication and problem-solving among diverse IACUC administrative, committee, and research personnel

Galvez



C4

CO2 Euthanasia: Where Do We Go from Here? (*Hot Topics and Emerging Trends Track*)

Neera V. Gopee (OLAW resource person), Debra L. Hickman

This session will build upon previous discussions about the appropriate methods to use to euthanize laboratory rodents.

During this session, speakers and attendees will:

- Learn about how the American Veterinary Medical Association Panel develops its guidelines, how the document is updated, and possible challenges to its implementation
- Review the recent literature, including the Newcastle Report, and how it affects selection of appropriate euthanasia methods
- Explore knowledge gaps and discuss ways to close those gaps

Studio 4



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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

C5

Performance Standards (*Hot Topics and Emerging Trends Track*)

John F. Bradfield (AAALAC resource person), Elizabeth Meek (USDA resource person), Brent C. Morse (OLAW resource person), Shannon Reynolds, William J. White

Performance standards are central to the implementation of the *Guide* and, yet, the various methods of developing and applying performance standards appropriately to animal care and use programs is not well understood. This session will cover what performance standards are, how they can be established within the regulatory framework, and the points to consider when IACUCs evaluate them to justify departures from the *Guide*. During this session, speakers will:

- Define what is a performance standard and how it ties to improved animal welfare
- Review ways of establishing performance standards
- Explore points to consider in the IACUC's review of performance standards

Galerie 5



C6

Keeping Your Institutional Official (IO) Informed and Engaged (*IACUC Administration/Management and Process Track*)

Barbara A. Garibaldi, Jo Ann Henry, Ernest D. Prentice

The IO assumes significant responsibilities in the animal care and use program and must work in partnership with divergent populations at the institution. Whether you're working as the attending veterinarian, IACUC administrator, or as a researcher, this session will explore how to keep your IO informed and engaged. During this session, speakers will:

- Discuss ways to begin IO engagement, as well as how to address issues related to animal program responsibilities, quality science, legal requirements, liabilities, and risks
- Share strategies for how to educate your IO about the critical relationship between quality science and animal care and use and oversight programs (including ideas for IO continuing education)
- Explore methods to manage and meet expectations for you and the IO

Studio 10



C7

The Nuts and Bolts of the CPIA® Credential: Obtaining the Credential and Recertifying (*IACUC Administration/Management and Process Track*)

Caryn Hashimoto, Justin A. McNulty, Sandra L. Wilkins

In this session, a member of the CPIA Council, a recently certified individual, a recently recertified individual, and attendees will talk about obtaining the CPIA credential and the process for recertification. During this session, speakers and attendees will:

- Review the development and status of the credentialing program
- Discuss examination preparation tactics based on first-hand experience
- Receive tips from a recently recertified individual on how to recertify
- Explore how the credential can benefit your career and potential career paths
- Answer attendee questions about the CPIA credential and recertification

Studio 9



C8

Biomedical Research With Aquatics (*Not Your Average IACUC Track*)

Doreen H. Bartlett (OLAW resource person), Phillip Harris, Monte Matthews

This session will cover the expectations for the maintenance of laboratory aquatic systems and the use of aquatics in laboratory environments. During this session, speakers will:

- Review the essential and recommended design parameters for aquatic systems
- Address water quality indices to ensure animal health and safety
- Discuss anesthetics for aquatics
- Go over IACUC checklists for semiannual inspections

Jackson



C9

IACUC-Related Regulations for International Collaborations (*Program Management Track*)

Andrew W. Grady (AAALAC resource person), Eileen M. Morgan, Kevin Prestia, Jason J. Wang

This session will focus on IACUC-related regulations for international collaborations, which aim to aid in creating a more harmonized regulation environment and culture to facilitate research. During this session, speakers and attendees will:

- Review IACUC-related regulations and guidelines for international collaborations
- Share experiences on facilitating and implementing international collaborations
- Discuss the potential challenges in facilitating and implementing international collaborations

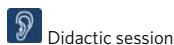
Galerie 4



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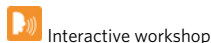
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Didactic session



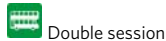
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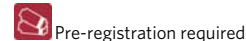
Interactive workshop



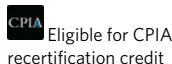
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

C10

Managing the USDA Inspection Process (Program Management Track) B. Taylor Bennett, Robert M. Gibbens

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, speakers 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
- Outline how to handle the appeals process

Studio 5



C11

Significant Changes and Veterinary Verification and Consultation (VVC) Two Years Later: What's Working and What's Not? (Protocol Review Track) Patricia A. Brown, Jori K. Leszczynski, Mary Jo Shepherd, William S. Stokes

The Significant Changes Guidance has the potential to allow institutions to more rapidly respond to the changing needs of investigators, especially with regards to changes in items that fall under the traditional veterinary purview of analgesics and anesthetics as part of the VVC sections of the Guidance. Through the use of case based discussions, speakers and attendees will:

- Review examples of how to implement the Guidance appropriately by developing institutional policies and Guidance documents
- Share examples of strategies that can be used to change protocols either through VVC or administrative review while also meeting the documentation standard of the Guidance
- Discuss how to create standard operating procedures for common experimental procedures, including the pros and cons of having pre-approved procedures
- Explore reasons why some institutions have chosen to not implement the Guidance

Studios 1 & 2



C12

Training: What OLAW and USDA Expect of IACUCs (Training and Qualifications Track) Elizabeth Goldentyer, Susan Silk

Assured institutions and registered research facilities are expected to provide education and training on the humane practice of animal care and use and on research or testing methods that minimize the number of animals required to obtain valid results and to minimize animal distress. During this session, speakers and attendees will:

- Explore ways to provide effective education and training with high levels of retention
- Discuss ideas for developing retraining as a positive experience
- Review how the IACUC's job relates to the guidelines and regulations

Galerie 6



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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

5:45-6:45 PM

Studios & Preservation
Hall Foyer

IACUC17 Welcome Reception

Join us to celebrate the opening day of IACUC17. During this time, you'll be able to meet the conference Supporters and Exhibitors. Light refreshments will be served.

5:45-6:45 PM

Studios Foyer

Meet the IACUC17 Poster Authors

Visit with the authors of the posters featured in the IACUC17 Poster Program and learn more about their innovative and important work in the field, as well as the implementation of programs to improve the functioning of IACUCs. The presentation of the posters promotes interdisciplinary sharing and collaboration, and facilitates the exchange of ideas, information, and practical strategies for managing the many challenges faced by animal care and use professionals. Light refreshments will be served.

5:45-6:45 PM

Galerie 1

Roundtable Discussions

Want to get answers and solve problems while connecting with your peers? Pre-register for Roundtable Discussions! During this activity, participants can present an issue or question they have to the group, and members of the group will collaborate and share their own experiences with similar problems. Tables will be divided by general topics and led by experienced facilitators. Groups will include: Career/Leadership/Management; Compliance/Federal/Legal/Regulatory; IACUC Administration; IACUC Chairs and Members; and Nonaffiliated IACUC Members. The event will be open to all attendees onsite, but pre-registration is the only way to reserve your seat at a table. Interested in serving as a volunteer facilitator? [Email us](#).



7:15-8:15 PM

Off-site: Saint
Lawrence


Young Professionals Networking Reception


Connect with other young professionals interested in research ethics and animal care and use, and relax after a busy day in New Orleans at Saint Lawrence (219 N. Peters Street, New Orleans, LA, 70130). Don't forget to bring the drink ticket you received with your registration materials! While all attendees are welcome, complimentary drink tickets will be provided for young professional registrants only.


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 Didactic session


 Interactive workshop

 Double session

 Eligible for CPIA
recertification credit

 Call for Session Proposals

 Recorded session

 Pre-registration required

PRIM&R's 2017 IACUC Conference

March 19 - 21 • New Orleans, LA



Tuesday, March 21: IACUC17

7:00 AM-12:00 PM

Registration

Breakfast on your own.

Studios and
Preservation Hall
Foyer

8:00-8:05 AM

Welcome from the IACUC17 Co-Chairs

Jori K. Leszczynski, Natalie L. Mays

Acadia Ballroom



8:05-8:10 AM

Membership Update

David J. Lyons, PhD, Member, PRIM&R's Membership Committee

Acadia Ballroom



8:10-8:15 AM

CPIA® Update

Marcy A. Brown, BS, MA, LSSBB, CMAR, CPIA, Chair, CPIA Council

Acadia Ballroom



8:15-9:00 AM

Keynote Address: Integrating Systems Biology and Public Health to Implement 3Rs - What Have We Learned and What Do We Need to Do?

[Elaine M. Faustman, PhD](#), Professor, Department of Environmental and Occupational Health Sciences; Director, Institute of Risk Analysis and Risk Communication, University of Washington

Acadia Ballroom



9:00-10:15 AM

Panel II: Overcome the Fear: The Life Changing Magic of Tidying Up Your Animal Care and Use Program

Moderator: Sally Thompson-Iritani

Panelists: Joel Brown, William G. Greer, Mindy Hollander

What contributes to risk aversion? What is innate and natural? How do people differ on the risk aversion continuum? How does risk aversion impact an animal care and use program? During this interactive panel, speakers will use various methods to educate the audience about risk aversion/tolerance so attendees can consider the likelihood and consequences of being risk averse/tolerant. In addition, speakers will review what this means for the risk assessment of an animal care and use program, the factors at play when conducting risk assessments, the cost-benefit ratio of a risk assessment, and tools and strategies for facilitating risk assessments that are useful for improving programs versus creating additional burden.

Acadia Ballroom



10:15-10:45 AM

Beverage Break With the Supporters and Exhibitors

Thank you to a-tune software, Inc. for supporting this break.

Studios & Preservation
Hall Foyer

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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

D1

Reaching a Consensus on Studies That May Involve Unalleviated Pain and Distress

(Animal Well-Being and the Three Rs Track) *Larry Carbone, Barbara A. Garibaldi, Joanne Tetens-Woodring*

The IACUC is obliged to weigh the objectives of a study against potential animal welfare concerns. This includes studies that involve unalleviated pain and distress, and this session will review how IACUCs can evaluate the ethical justification for approving Category E studies, the necessity of withholding analgesia, and how untreated pain and distress might affect data. Attendees should have an understanding of USDA Pain Category E and animal studies that are commonly classified as Category E (e.g., sepsis/infectious disease, autoimmune diseases, and arthritis models). During this session, speakers will:

- Use specific examples to discuss individual and collective responsibilities, the development and validation of humane intervention points and endpoints (including Category E endpoints), and the implementation and assessment of specific measures for minimizing pain and distress
- Explore the use of observation to optimize animal welfare

Studio 4



Advanced

D2

For VA and Non-VA Alike: Questions That Keep Coming Back (Communication and Networking Track)

Alice Huang, M.A. McCrackin, Joan T. Richerson

Some questions just never seem to go away. It can help to look at them in a different way, so this session will turn things around by conducting part of this workshop like the TV game show "Jeopardy." Speakers will give attendees some facts and ask them to provide the questions that they answer. Some categories of topics that may come up include: IACUC membership, semiannual inspections, timelines, memoranda of understandings, and the *Guide*. (Unlike the game show, we will not be able to solve the budget constraints that anyone is struggling with, but we'll come up with some kind of fitting prizes!). The office of the Chief Veterinary Medical Officer of the VA provides guidance to the 70+ VA facilities with animal research programs. All of these are required by VA policy to comply with the USDA, APHIS Animal Care and PHS Policies, just as non-VA institutions do, so there will be plenty of useful information for participants from any institution, although speakers will address a few VA-specific points as well. Of course, discussion is always encouraged, and speakers will save some time to address other questions that attendees may have. During this session, speakers and attendees will:

- Enhance understanding of confusing regulatory requirements by prompting participants to view them from another perspective
- Explore the practical implications and limits of regulatory requirements
- Summarize recent developments in VA oversight of animal research

Studio 3



D3

Open Forum for Nonaffiliated/Non-Scientific IACUC Members (Communication and Networking Track)

Janet D. Stemwedel, Venita Thornton (OLAW resource person), Kathy Wadsworth

This interactive session will provide a forum for nonaffiliated/nonscientific IACUC members to discuss issues that arise when carrying out their duties reviewing research involving animals. During this session, speakers and attendees will:

- Review the roles and responsibilities of nonaffiliated/nonscientific IACUC members
- Share resources to help navigate protocol review, engagements with principal investigators and scientific members, and the task of giving voice to the public in deliberations
- Explore other issues raised by attendees during the session

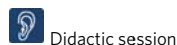
Galvez



ICON KEY

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Didactic session



Interactive workshop



Double session



Eligible for CPIA recertification credit



Call for Session Proposals



Recorded session



Pre-registration required

D4

The IACUC's Role in Reviewing Nonhuman Primate (NHP) Research Protocols (Hot Topics and Emerging Trends Track) *Kate C. Baker, Diana Gordon, Heather Sidener*

The use of NHPs in research is under pressure these days: many are arguing against the use of NHPs given their commonalities with humans and despite claims that research with NHPs is crucial to continuing advances in biomedical research. What is the IACUC's role in reviewing research with NHPs, and how does it consider both sides of the debate? What are the ethical issues of continuing research with NHPs and what are the promises? During this session, speakers will:

- Provide an overview on the contributions of NHPs to biomedical advances and discuss the future need of this type of research
- Discuss what's unique about research with NHPs
- Explore the unique housing and care requirements of NHPs
- Address the USDA exemption requirements for research with NHPs
- Review the harm-benefit analysis model as it relates to NHPs and possible alternatives
- Share insight on how more transparency is needed when NHPs are included in the development and translation of studies

Studio 5



D5

An Open Forum on the USDA, APHIS' Website Involving Animal Welfare Act (AWA) and Horse Protection Act (HPA) Compliance Information: Recent Changes and What IACUCs Need to Know (Hot Topics and Emerging Trends Track) *Allyson Bennett, Taylor Bennett, Elizabeth Goldentyer, Ryan Merkle, Delcianna Winders*

On February 3, 2017, USDA, APHIS removed documents from its website that pertain to the HPA and the AWA and that contain the personal information of those who conduct research involving animals, including inspection reports, research facility annual reports, regulatory correspondence, and certain enforcement records. In a statement on its website, USDA, APHIS says the decision is "based on our commitment to being transparent, remaining responsive to our stakeholders' informational needs, and maintaining the privacy rights of individuals." Those who want access to this information will need to obtain it through Freedom of Information Act (FOIA) requests. During this session, speakers and attendees will:

- Review USDA, APHIS' decision to remove these documents from their website
- Consider the potential implications of only making this information accessible through FOIA requests (e.g., administrative burden, difficulty in analyzing trends, etc.)
- Explore the impact of this decision on public attitudes toward animal research

Bissonet Ballroom



D6

Meeting the Challenges in IACUC Administration: Case Studies in Handling Complex Issues/Situations (IACUC Administration/Management and Process Track) *Marcy A. Brown, Deb A. Frolicher, Eileen M. Morgan, William S. Stokes*

To get the most out of this session, attendees should have a thorough understanding of all regulations, guidelines, and policies associated with laboratory animal care and use prior to attending this session. During this session, speakers and attendees will:

- Discuss and analyze simulated, problematic scenarios in IACUC administration
- Formulate possibilities for resolution without conflict
- Discuss potential solutions to the problem while maintaining compliance
- Address specific scenarios attendees have faced and wish to explore with the group

This is a double session and will go until 1:15 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Studios 1 & 2

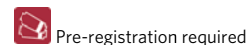
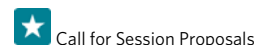
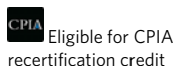
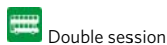
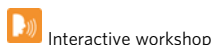
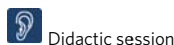


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D7

Effectively Identify and Track Departures: Meeting OLAW and USDA Requirements

(IACUC Administration/Management and Process Track) Patricia A. Brown, Mindy Hollander, Elizabeth Meek

In advance of this session, scenarios will be available via the conference website, and attendees are encouraged to review them before arriving onsite to more actively engage in the discussion. During this session, speakers and attendees will:

- Understand the meaning of “departure” based on the PHS Policy and the Animal Welfare Act and Regulations
- Review OLAW and USDA’s reporting requirements for departures
- Outline ways to track departures for reporting purposes
- Evaluate case studies and scenarios surrounding departure reporting

This is a double session and will go until 1:15 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Galerie 6



D8

IACUC Deliberations Using Wildlife Scenarios

(Not Your Average IACUC Track) John A. Bryan, II, Robert M. Gibbens, Brent C. Morse (OLAW resource person), Robert S. Sikes, Tracy A. Thompson

This session will use scenarios as learning tools for principal investigators and IACUCs, including those focused on taxa ranging from fish to mammals. Participants should have a thorough understanding of the applicable policies and regulations for working with wildlife before attending this session (attendees without such knowledge are encouraged to attend session A8: *IACUC Basics for Wildlife in Research and Education*). During this session, speakers and attendees will:

- Discuss situations where specific guidance is not often available either because the situation is new or unique, or because relevant information does not exist for the species under study
- Share practical strategies for handling similar problems in different wildlife species
- Evaluate euthanasia options for a variety of animals and situations
- Consider activities that include personnel conducting both management and research activities on the same animals

This is a double session and will go until 1:15 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Galerie 4



Advanced

D9

Connecting the Programs: Occupational and Environmental Health and Safety (OEHS), the IACUC, and the IBC

(Program Management Track) Angela Birnbaum, John F. Bradfield, Alison D. Pohl

This session will explore ways to build strong relationships with and enhance cooperation among institutional oversight bodies involved with OEHS. Where the regulatory issues governing the use of animals and the use of recombinant DNA overlap and intersect, it is important for the various committees and programs to have strong relationships, and to work collaboratively within their areas of authority to ensure effective and efficient review/approval of research activities. Attendees should have a good understanding of the *Guide’s* recommendations on occupational health and safety, a basic understanding of the committees involved in regulatory oversight of hazards, and experience with efforts to coordinate safety reviews at the IACUC level before attending this session. During this session, speakers and attendees will:

- Review the regulatory overlap/intersections among OEHS, the IACUC, and the IBC
- Identify particular points in the review process that increase burden and have no corresponding gain in the ethical and regulatory compliant care and use of animals
- Discuss how effective partnerships can benefit each committee, principal investigators, and the institution
- Explore best practices in the management of compliance committees and OEHS, including how to exchange information swiftly and effectively
- Share strategies for ensuring all of the steps in the process have been completed – establishing a ‘gatekeeper’
- Address various OEHS issues to illustrate how the hazard survey and risk assessment processes influence OEHS program intensity and complexity
- Go over the roles of the principal investigator (scientific staff) and/or expert consultants within these committees and programs
- Provide information on how to identify, handle, and track chemical and novel agents used in animals in research

This is a double session and will go until 1:15 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Studios 7 & 8



Advanced

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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

D10

Successful Strategies for Post-Approval Monitoring (PAM) Programs (Program Management Track)

Tanise L. Jackson, Sally Thompson-Iritani

Despite there being no prescriptive regulatory expectations for PAM, many institutions are embracing PAM as a useful means for assuring animal welfare and institutional compliance. In addition, many institutions are implementing initiatives that fall under the intention of PAM. During this session, speakers and attendees will:

- Discuss how a PAM program includes management of the whole life cycle of the protocol
- Review the factors that can affect the success of a PAM program, including: an appreciation of the organizational philosophy and culture; the style, character, pertinent content, authority, and reporting structure of a PAM program; and the collaborative engagement of scientific colleagues
- Explore the facets of a successful PAM program from conception to delivery that can: assure the proficient and humane implementation of animal procedures in accordance with approved protocols; foster the continuing education of users; and integrate new techniques to benefit scientific outcomes
- Identify things already being done at institutions that are part of the PAM intent to help further address the gaps

This is a double session and will go until 1:15 PM. Please get your boxed lunch in Galerie 1-3 before going to the session room.

Galerie 5



D11

The IACUC's Role in the Use of Controlled Substances

(Program Management Track)

Alan Clesi, Patrick Lester, Kelé Piper, Simone R. Tomlinson (USDA Resource Person)

The vast majority of IACUCs have to deal with controlled substance issues on a regular basis, but do they have the expertise needed? This session will provide a primer on the basic regulations involving controlled substances. During this session, speakers will:

- Define controlled substances, the corresponding US Drug Enforcement Administration (DEA) schedules, and drug diversion
- Review the Controlled Substance Act and regulations, as well as the role of the DEA
- Discuss the importance of considering additional state requirements, as well as institutional policies on controlled substances
- Explain the steps required for a principal investigator to obtain controlled substances, including requirements for and examples of registration applications, vendor account creation applications, procurement forms, accountability logs, biennial inventories, and disposal forms
- Address procurement gaps, appropriate storage and diversion risks, as well as provide an example checklist for controlled substances that can be used during IACUC semiannual inspections or program review

Studio 10



D12

Ensuring Congruency Between Grants and Protocols (Protocol Review Track)

Michelle Aparicio, Doreen H. Bartlett, Diane M. Marbury

Institutions receiving Federal funds to support animal research must verify the animal activities described in a grant proposal have been approved by the institution. During this session, speakers will:

- Briefly define the requirements for congruence among grants, contracts, and protocols
- Discuss the various mechanisms for developing and implementing a program to accomplish this congruency, as well as to perform comparative reviews
- Identify the roles and responsibilities of the institution, the principal investigator, and the IACUC in facilitating compliance with grant policies, as well as how Just-In-Time may affect the conduct of the review
- Review the grant policy requirements of the NIH, National Science Foundation, Department of Defense, and VA as they relate to research, teaching, and testing of vertebrate animals

Studio 9



12:15-1:15 PM

Networking Lunch

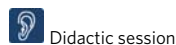
Time to connect...over lunch! Meet peers for conversation and networking. All are welcome!

Galerie 1-3

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Didactic session



Interactive workshop



Double session



Eligible for CPIA recertification credit



Call for Session Proposals



Recorded session



Pre-registration required

12:15-1:15 PM

CPIA® Networking Lunch

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 special networking lunch. We'll discuss recertification and answer any of your other questions. If you do not currently hold the CPIA credential, but are interested in taking the exam or learning more about the program, attend session C7: *The Nuts and Bolts of the Certified Professional IACUC Administrator CPIA® Credential: Obtaining the Credential and Recertifying* on March 20, 4:15-5:30 PM. Pre-registration is required.

Bissonet Ballroom



1:30-2:45 PM

Panel III: The Three Rs: Putting the Principles Into Practice

Moderator: B. Taylor Bennett

Panelists: Christopher Dillon, Jennie Lofgren, Letty V. Medina

During this panel, the speakers will address the original concept of the 3Rs as proposed by Russell and Burch and how this concept has evolved over time. Panelists will also explore the programmatic compliance requirements for implementation of the 3Rs; strategies used to approach 3Rs implementation across various segments of the biomedical research community; and challenges and opportunities for implementation of the 3Rs in those segments of the biomedical research community.

Acadia Ballroom



2:45-3:00 PM

Beverage Break With the Supporters and Exhibitors

Studios & Preservation Hall Foyer

Breakout Sessions – Series E, 3:00-4:15 PM

E1

Panel III Follow-Up: The Three Rs – Strategies and Approaches (*Animal Well-Being and the Three Rs Track*)

B. Taylor Bennett, Christopher Dillon, Jennie Lofgren, Letty V. Medina

This session will provide attendees with an opportunity to hear more from and ask questions of the panelists from Panel III. During this session, speakers and attendees will:

- Review the original concept of the three Rs as proposed by Russell and Burch and how that concept has evolved over time
- Discuss the programmatic compliance requirements for implementation of the three Rs
- Explore strategies used to approach three Rs implementation across various segments of the biomedical research community and go over potential challenges
- Address the IACUC's perspective on identifying gaps in the three Rs and share possible solutions

Studio 4



E2

Time to Connect: A Conversation With the NIH OLAW and USDA, APHIS, Animal Care

(*Communication and Networking Track*)

Patricia A. Brown, Elizabeth Goldentyer, Neera V. Gopee, Elizabeth Meek, Nicolette Petervary, Venita Thornton

Join us for this session where attendees can speak with and ask questions of representatives from the NIH OLAW and USDA, APHIS, Animal Care. 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. And, for more than 50 years, Congress has entrusted APHIS with the stewardship of animals covered under the Animal Welfare Acts. APHIS continues to uphold that trust, giving protection to millions of animals nationwide, and 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 representatives of the NIH OLAW and USDA, APHIS, Animal Care
- Participate in an open discussion about issues relevant to NIH OLAW and USDA, APHIS, Animal Care stakeholders
- Learn more about the top deficiencies reported to NIH OLAW and USDA, APHIS, Animal Care and how each organization handles these reports

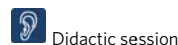
Studios 7 & 8



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Didactic session



Interactive workshop



Double session



Eligible for CPIA recertification credit



Call for Session Proposals



Recorded session



Pre-registration required

E3

Scientific and Ethical Considerations on the Use of Gene Editing Technologies to Modify Animal Genomes for Research: What IACUCs Should Know *(Hot Topics and Emerging Trends Track)* David J. Lyons, Carolyn P. Neuhaus

During this session, speakers will discuss gene editing in research animals and its impact on IACUCs, including the science, policy, and ethical challenges from the widespread use of technologies, such as CRISPR/Cas9, TALENS, and “zinc fingers.” During this session, speakers will:

- Discuss the science and ethical and welfare issues behind gene editing
- Outline how these technologies could change the use of animal models and how the optimal models for research would be chosen
- Explore the potential effect gene editing could have on expanding the numbers of animals and variety of species that could be used in biomedical research
- Address the ethical issues that should be considered before expanding the use of these technologies in animal species that are not currently used in biomedical research
- Review how gene editing intersects with IACUC concerns

Studio 9



E4

Reserved for Late-Breaking Session

E5

Life After Research: What You Need to Know About Retiring Research Animals

(Hot Topics and Emerging Trends Track) Lynn Keller, Kathleen M. Roellich

During this session, speakers will:

- Outline the legal, ethical, and financial issues that can occur with retiring research animals (e.g., current risks, institutional reputation, releasing animals into the public domain, transparency, etc.)
- Review the processes for retiring research animals other than nonhuman primates, and the steps an institution must consider in preparing to retire research animals
- Identify key institutional stakeholders and lines of authority in the retirement process
- Address nondisclosure (i.e., how long are the animals the responsibility of the institution and what happens when a sanctuary or rescue organization goes out of business?)
- Explore methods to measure success of retiring research animals and long term follow-up

Studio 5



E6

What Is the IACUC Administrator’s Role Before, During, and After an AAALAC Site Visit?

(IACUC Administration/Management and Process Track) Mary Jo Shepherd, Donna M. Zyry

During this session, speakers and attendees will:

- Examine AAALAC International’s new Program Description format (i.e., what’s different?) and share methods for preparation and review
- Explore the feasibility of using “mock site visits” focused on IACUC administration
- Review what documents need to be on hand, and who should be available during an AAALAC International site visit
- Weigh the pros and cons of an institutional presentation during the opening session of the site visit
- Discuss what might need to happen after an AAALAC International site visit

Studio 10



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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

E7

Helpful Tips for Implementing a Web-Based Protocol Management System

(IACUC Administration/Management and Process Track) Marcy A. Brown, Jennifer M. Lee, Sally Thompson-Iritani

Many institutions are turning to web-based solutions to manage the protocol review and approval process. During this session, speakers will discuss, compare, and contrast their experiences with the various stages of implementing a web-based protocol management system. During this session, speakers will:

- Illustrate how to plan for a web-based protocol management system, including how to evaluate the various options available from home-grown to commercial (e.g., cost, security, data integration with other systems, local support)
- Discuss implementation of a system and how to manage the transition from one system to another (e.g., staffing, IT support, building a local team, timing, process mapping, testing, training, communication with stakeholders)
- Address the importance making continuing improvements (e.g., monitoring performance, ease and flexibility of implementing changes, adapting to new regulations, streamlining processes, reducing self-imposed regulatory burden, strategies for implementing updates (time, testing, training))

Jackson



E8

IACUC Challenges When Farm Animals Are Used in Research and Teaching (Not Your Average IACUC Track)

Robert M. Gibbens (USDA Resource Person), Angela J. Phillips, Wendy J. Underwood

This session will review the different considerations that arise when farm animals are used in biomedical research as compared to agricultural research or teaching. Topics will include differences in husbandry of animals, as well as routine practices. During this session, speakers will:

- Address protocol differences with regard to routine procedures (e.g., castration, etc.)
- Review issues related to daily maintenance, transport, and handling
- Discuss the re-use of animals
- Explore potential occupational health and safety concerns

Studio 3



E9

Inter-Institutional Collaborations and Memoranda of Understandings (MOUs): What Are We Responsible For?

(Program Management Track) Carol Clarke, William G. Greer, Grant Lyon, Eileen M. Morgan

This session will focus on the various partnerships that can be forged between academic and other types of research institutions, and how to ensure animal welfare and appropriate oversight when two different institutional cultures collide. During this session, speakers will:

- Define inter-institutional collaborations and review the regulatory requirements that require attention
- Outline the primary components of a MOU and who initiates process (e.g., the grantee, the subcontractor, or both)
- Provide strategies for identifying 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)
- Share practical examples and templates of MOUs, as well as experiences and ideas about managing collaborations across institutions

Galerie 6



E10

Using Data to Evaluate and Improve Your Animal Care and Use Program (Program Management Track)

Debra L. Hickman, Megan Losh, Helen O'Meara

This session will focus on using data to help in the evaluation of an animal care and use program and in setting priorities on which changes might have the biggest impact in reducing regulatory burden. During this session, speakers and attendees will:

- Discuss the types of data that can be collected to evaluate an animal care and use program
- Review how data can be helpful in prioritizing where improvements can be made to reduce regulatory burden
- Share strategies for evaluating the impact of changes

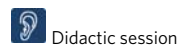
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Didactic session



Interactive workshop



Double session



Eligible for CPIA recertification credit



Call for Session Proposals



Recorded session



Pre-registration required

E11

Practical Strategies for Decreasing Regulatory Burden in Protocol Review (*Protocol Review Track*)

Sally E. Light, Justin A. McNulty, Toni O'Connell

Regulatory burden can divert scarce research resources into non-research endeavors. Attendees should have a strong understanding of IACUC administration before attending this session. During this session, speakers and attendees will:

- Review sources of regulatory and self-imposed regulatory burden
- Discuss appropriate application of the regulations
- Explore strategies to reduce self-imposed regulatory burden without sacrificing compliance and animal welfare

Studios 1 & 2



Advanced

E12

Enhancing IACUC Function Through Improved Collegial Interaction (*Training and Qualifications Track*)

Clarissa Dirks, Mindy Hollander, Donna Matthews Jarrell, Susan Silk

This session will address how members of diverse committees can work together to improve overall committee/group function by creating an inclusive working environment. Participants will reflect on their own life experiences and the benefits and challenges that diverse groups bring to the work setting. During this session, speakers and attendees will:

- Explain the benefits and challenges of diversity in your committees
- Reflect on a personal definition of diversity
- Describe unconscious bias and stereotype threats, and articulate the implications on learning
- Identify participant perspectives on exclusion in committees
- Develop strategies for inclusive instruction for all participants

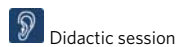
Galerie 4



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