

Wednesday, March 30: Pre-Conference Programs*

7:00 AM-6:00 PM

Registration

Breakfast on your own. Coffee will be available before the courses begin.

Grand Ballroom Foyer

PRIM&R Pre-Conference Programs

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, attendees 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 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.

Grand Ballroom I-K



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. Students also are challenged to consider, deliberate, and develop action plans for a variety of potential IACUC scenarios. The course includes Q&A sessions with representatives from USDA, OLAW and AAALAC.

Grand Ballroom D-H



NWABR Pre-Conference Programs

9:30 AM-3:00 PM

University of Washington and NWABR: Bridging the Gap

NWABR, in partnership with the University of Washington Office of Animal Welfare, will offer a limited-space (16 attendees), behind-the-scenes look at the various components of the University of Washington's animal care and use program, including: an overview of how the Office of Animal Welfare works, an overview of the AUTS training program, a lunch presentation on lessons learned from recent Animal Rights activism, and a tour of some of the University's extensive animal facilities. **Attendees should meet in the hotel lobby at 8:45 AM to take the shuttle to the University of Washington. The shuttle will leave at 9:00 AM for arrival by 9:30 AM. For those travelling directly to the University of Washington, please park in the S1 parking lot. The shuttle will leave the University of Washington to return to the hotel at 2:30 PM.*

Offsite



5:00-6:30 PM

PRIM&R and NWABR 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.

Grand Ballroom Foyer



*Please note the PRIM&R and NWABR Pre-Conference Programs have a separate registration fee from the conferences. Attendees can choose to attend just these courses or the courses and the conferences. [Learn more about registration options.](#)

ICON KEY

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

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."



Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

Thursday, March 31: 2016 NWABR Regional IACUC Conference**

6:30 AM-6:00 PM

Registration

Grand Ballroom Foyer

6:30-9:15 AM

Continental Breakfast and Networking

Join NWABR and fellow attendees for a continental breakfast and networking with the conference exhibitors.

Grand Ballroom A-C

IACUC Basics

7:00-7:05 AM

Welcome from NWABR Executive Director

Ken Gordon

Grand Ballroom D-H

7:05-7:55 AM

The Spirit of the IACUC

Cynthia Pekow

This session will provide an overview of what IACUC members need to know about the laws and regulations governing the use of animals in research. Topics will include: determining what laws pertain to research with animals/species and funding sources; who enforces the laws and accredits facilities; what is the purpose and role of the IACUC; the roles of the various committee members; and where to find good resources.

Grand Ballroom D-H



7:55-8:45 AM

Protocol Review

Gregory B. Timmel

During this session, faculty will cover the aspects a committee needs to consider as part of the review process, including: understanding why the research is being done and what will happen to the animals from start to finish; the intersections with other committees (e.g., IBC); the roles of committee members; and formal protocol review processes. This session will also review designated member review, conflicts of interest, and post-approval monitoring.

Grand Ballroom D-H



8:45-9:10 AM

Facility Review and Site Visits

Laurence B. Istvan

This session will introduce IACUC members to all aspects of facility reviews and site visits, including a review of the entire care and use program (including inspection of research labs), and ensuring that procedures are being undertaken as described in protocols.

Grand Ballroom D-H

9:10-9:15 AM

Break

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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

9:15-9:20 AM

Welcome from the NWABR Board President and Chair of the NWABR Regional IACUC Conference Planning Committee

Cami Gearhart, Sally Thompson-Iritani

Grand Ballroom D-H

9:20-9:55 AM

How Do We Talk About Our Work?

Paula Clifford

This session will provide participants with tools and resources to enable them to communicate about their work to the public, non-defensively, and in a manner that builds support for ethically conducted animal research.

Grand Ballroom D-H



9:55-10:30 AM

Animal Transportation: What Mama Never Told You and What IACUCs Need to Know!

Donna J. Clemons, William J. White

During this session, faculty will provide an update on the diminishing options for animal transportation, steps that can be taken to minimize distress for animals in relation to transportation, and lobbying efforts to secure safe transportation options in the future.

Grand Ballroom D-H



10:30-10:45 AM

Break

Join us for coffee.

Grand Ballroom Foyer

10:45 AM-12:00 PM

Compassion Fatigue and Committee Roles

Anneke Keizer, Monte Matthews, Patricia Smith

This session will introduce the topic of compassion fatigue as it applies to both people who work directly with animals and members of 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.

Grand Ballroom D-H



12:00-1:15 PM

Lunch

Grand Ballroom A-C

12:45-1:15 PM

When Is Software Necessary and Other IT Implementation Issues

Steven P. Abbott, Scott Pepper

Attendees interested in this session should eat lunch in Grand Ballroom A-D prior to attending.

Grand Ballroom D-H

1:15-1:45 PM

Disaster Preparedness

Jennifer K. Pullium

During this session, faculty will provide an example of an institutional response to a natural disaster, and lessons learned that can help inform both training and the creation of disaster response plans.

Grand Ballroom D-H



1:45-2:30 PM

Reproducibility of Results, Male and Female Research Animal Models, and Other Related Issues

William Dale, William Dernel, Sally Thompson-Iritani

This panel will introduce the challenges that undergird the reproducibility of experimental results, and it will consider the steps an IACUC can take to assist researchers and animal care specialists to bolster reproducibility.

Grand Ballroom D-H



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Didactic session



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Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

2:30-3:15 PM

Pushing the Boundaries, Differences Between Public and Private IACUCs, and Privately Owned Animals

Matt Kaeberlein, Susan E. Lana

This session will provide an opportunity to compare the roles of IACUCs in various private and public settings, help attendees seek to improve the understanding of processes in both settings, and hear about lessons learned on how framework processes can be improved.

Grand Ballroom D-H



3:15-3:30 PM

Break

Join us for coffee.

Grand Ballroom Foyer

3:30-4:30 PM

Compliance, Veterinary Verification and Consultation, and Other Updates

Kathryn Bayne, Carolyn J. McKinnie, Brent C. Morse

During this session, faculty will provide information on all compliance updates and potential regulatory changes. Participants will receive an up-to-date summary of all regulations and the laws that impact their processes.

Grand Ballroom D-H



4:30 PM

Conference Wrap-up and Close

Grand Ballroom D-H

***Please note the 2016 NWABR Regional IACUC Conference has a separate registration fee from the 2016 IACUC Conference. Attendees can choose to attend one or both events. Those wishing to attend both events must select the bundled registration option during the registration process. [Learn more](#) about registration options.*

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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

Friday, April 1: PRIM&R 2016 IACUC Conference

7:00 AM-5:00 PM

Registration

Breakfast on your own. Coffee will be available before the conference begins.

Grand Ballroom Foyer

7:00-8:00 AM

Continental Breakfast to Welcome First-Time Attendees

Is this your first time attending the IACUC Conference? If so, please join us at this special breakfast to welcome first-time attendees. During this event, you'll have an opportunity to meet and network with colleagues, as well as hear answers to the most frequently asked questions about the conference from the PRIM&R staff.

Evergreen Ballroom E



8:00-8:10 AM

Welcome from the 2016 IACUC Conference Co-Chairs

Jori K. Leszczynski, Natalie L. Mays

Grand Ballroom D-H



8:10-8:25 AM

Welcome from PRIM&R's Executive Director

Elisa A. Hurley

Grand Ballroom D-H



8:25-8:30 AM

Presentation of PRIM&R's Lifetime Achievement Award for Excellence in Research Ethics to Bernard E. Rollin, PhD

Presented by Christian E. Newcomer

Grand Ballroom D-H



8:30-9:15 AM

Keynote Address: Beyond Pain: Alleviating Suffering in Laboratory Animals

Bernard E. Rollin, PhD, University Distinguished Professor; Professor of Philosophy; Professor of Animal Sciences; Professor of Biomedical Sciences; University Bioethicist, Colorado State University

Grand Ballroom D-H



9:15-10:30 AM

Panel I: IACUC Oversight: Addressing the Challenges, Understanding the Consequences

Moderator: F. Claire Hankenson

Panelists: Andrew B. Buermeyer, Joseph R. Haywood, Cynthia Pekow

While IACUCs have the statutory authority to certify the institution's compliance with the Animal Welfare Act, the *Guide* expands the scope of that responsibility with its definition of an Animal Care and Use Program to include personnel and program management oversight. This role can present unique challenges that lead to conflicts of interest that may manifest in a myriad of ways. This panel will discuss conflicts related to disputes among committee members and/or between the committee and other institutional groups or individuals, and implications of suspensions and/or reinstatement of privileges; conflicts related to bridging language and cultural differences in developing a shared commitment to a customary compliance; and conflicts that the committee may place on itself and the institution through regulatory burden in the animal care and use program, as reviewed in 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: Part 1* (2015). All of these challenges may lead to disruption, dysfunction, and diminished authority by and confidence in the IACUC process, thus panelists will share their experiences around these challenges and will discuss possible approaches and solutions.

Grand Ballroom D-H



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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CIPA recertification credit

10:30-10:45 AM

Break

Join us for coffee.

PRIM&R would like to thank Huron Consulting Group for supporting this morning's coffee break.

Grand Ballroom Foyer

A1

Reaching a Consensus: Harm-Benefit Analysis When Studies May Involve Unalleviated Pain and Distress

(Animal Well-Being and the Three Rs Track) Tim Allen, Barbara A. Garibaldi, Christian E. Newcomer

One of the key components in a harm/benefit analysis is the consideration of unalleviated pain and distress. Attendees are encouraged to review the background material on the topic that will be available on the conference website before the meeting. During this session, faculty and attendees will:

- 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
- Explore the use of observation to optimize animal welfare
- Outline strategies for evaluating the concerns that pain management medications will be incompatible with proposed animal experiments
- Examine the role of non-pharmacological palliative care in animal models experiencing pain and distress

This is a double session and will go until 1:30 PM. Attendees will get their boxed lunch before the session starts.

Evergreen Ballroom A



Advanced

A2

Panel Follow-Up: IACUC Oversight: Addressing the Challenges, Understanding the Consequences

(Communication and Networking Track) Andrew B. Buermeyer, F. Claire Hankenson, Joseph R. Haywood, Cynthia Pekow

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

- Review the topics discussed in the panel and engage in a discussion around those topics
- Discuss how committee members can confidently and effectively raise important ethical questions
- Examine the validity of the "fox watching the henhouse"

Evergreen Ballroom F



A3

Make Any IACUC More Effective: A VA Perspective

(Communication and Networking Track) Alice Huang, M.A. McCrackin, Joan T. Richerson

Has your IACUC struggled with deciding what deficiencies really need to be documented in a semiannual report, how much to say about them, and what's the point anyway? Has your IACUC documented approved departures from the Guide and then wondered whether they were actually departures at all (but felt it was better to document them anyway, "just to be safe")? The office of the Chief Veterinary Medical Officer of the VA provides guidance about these and other questions to the 70+ VA facilities with animal research programs, all of which are required by VA policy to comply with the USDA, APHIS, Animal Care and PHS Policies. This interactive session will be of interest to participants from non-VA institutions, as well as VA facilities. During this session, faculty and attendees will:

- Discuss how to address and document deficiencies in ways that limit administrative burden to what is effective for improving the animal care and use program
- Discuss an example of a potential Guide deviation and determine which of several possible approaches is most compliant with the regulatory requirements and consistent with effective IACUC oversight
- Share recent hot-button site visit concerns from the perspective of an AAALAC International ad hoc consultant
- Hear brief updates on VA animal research

Regency Ballroom E



A4

Crisis Communication: Real Life Scenarios

(Hot Topics and Emerging Trends Track) David M. Anderson, Michael P. Andrews, Elizabeth Goldentyer

During this session, faculty will:

- Discuss the importance of having a crisis communication plan with the public and media in place before a crisis
- Review the key components of a crisis communication plan
- Define the criteria for a spokesperson, as well as the scope of response
- Use real-life examples to discuss the implementation of a crisis communication plan

Evergreen Ballroom G



Basic

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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

A5

Boot Camp: Fundamentals for IACUC Members

(IACUC Administration/Management and Process Track) Monte Matthews, Carolyn J. McKinnie (USDA resource only), Ernest D. Prentice

This session is for those individuals new to the field, and it will provide a comprehensive overview 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 happening on March 30.* During this session, faculty and attendees will:

- Review frequently used acronyms
- Examine specific USDA and OLAW regulations and AAALAC International requirements
- Go over IACUC membership requirements
- Outline IACUC responsibilities and charges
- Provide insight on the protocol review process (e.g., full committee review and designated member review, 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 1:30 PM. Attendees will get their boxed lunch before the session starts.

Grand Ballroom I



Basic

A6

IACUC Administration for New Administrators/Coordinators

(IACUC Administration/Management and Process Track) Natalie L. Mays, Rachel A. Murray, Trina M. Smith

This session is for individuals new to the field of IACUC administration and will provide a comprehensive review of responsibilities typically assigned to IACUC administrators. *Please note: this session will be similar to the Essentials of IACUC Administration-Intensive pre-conference program happening on March 30.* During this session, faculty and attendees will:

- Outline the role of the IACUC administrator as customer service agent
- Review protocol management and routing
- Discuss how to manage semiannual reviews
- Address how to conduct post-approval monitoring
- Share strategies on IACUC/investigator interactions, and how to deal with challenging customers and situations
- Learn how to foster a culture of compliance

This is a double session and will go until 1:30 PM. Attendees will get their boxed lunch before the session starts.

Grand Ballroom J



Basic

A7

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

Attendees should have thorough knowledge of all regulations, guidelines, and policies associated with laboratory animal care and use, including those regarding the 2014 optional process for significant changes to animal activities, before attending this session. During this session, faculty and attendees will:

- Work through simulated, problematic scenarios in IACUC administration
- Explore possibilities for resolution without conflict
- Discuss how to resolve conflict 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 1:30 PM. Attendees will get their boxed lunch before the session starts.

Regency Ballroom A-C

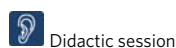


Advanced

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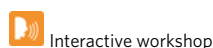
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Didactic session



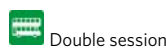
Call for Session Proposals



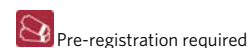
Interactive workshop



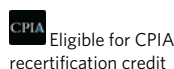
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

A8

Primer for Wildlife Protocols

(Not Your Average IACUC Track) John A. Bryan, II, Gregory Langham, Robert S. Sikes

During this session, faculty will:

- Discuss ways to fit wildlife research into frameworks designed for domesticated species
- Examine specific protocol needs when the research involves wild and nontraditional species
- Review the often difficult circumstances IACUCs face when evaluating distress and mortality with wild animals; logistical details of anesthesia, analgesia, and euthanasia; safety of research personnel; and periodic evaluation and oversight responsibilities
- Share resources for IACUCs and principal investigators for evaluating and reviewing wildlife research and research with nontraditional species
- Address issues related to post-approval monitoring of studies involving wild or nontraditional species

Evergreen Ballroom B



Basic

A9

Controlled Substances: Who's in Control of Your Program?

(Program Management Track) Ruth A. Carter, Sharron Kirchain, Gina R. Prochilo-Cawston

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, faculty 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

Evergreen Ballroom H



Basic

A10

An Open Discussion About Sharing Adverse Events (AEs): Should the Animal Research Community Use Reporting to Establish Best Practices?

(Hot Topics and Emerging Trends Track) B. Taylor Bennett, Thea Brabb, David J. Lyons

The effective management of an AE in research with animals involves a host of demanding activities: root-cause analysis, creation of a resolution plan, consideration of preventive measures, as well as internal and external communication. It stands to reason that the research community, as a whole, could benefit from lessons learned by individual institutes and by the discovery of patterns of events across institutes. However, the information currently collected via regulatory reporting is limited in scope, and sharing AEs openly by some other means without appropriate safeguards could make an institution vulnerable to criticism. The purpose of this session is to have an open discussion about how the animal research community might benefit by leveraging the extensive work already being done to address AEs. During this session, faculty and attendees will:

- Thoughtfully consider the value of sharing AEs for collective analysis
- Brainstorm about how to operationalize AE sharing and analysis, the distribution of community alerts, and the promotion of best practices
- Learn about persons and organizations with an interest in advancing the use of AE reporting for the benefit of the research community

Grand Ballroom K



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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

A11

Issues Confronting Institutions and IACUCs Using and Conducting Clinical Trials in Privately Owned Animals

(Program Management Track) Carol Clarke, Helen E. Diggs, Elaine K. Kim, Venita B. Thornton

The need to conduct clinical trials in the veterinary patient population for the advancement of veterinary clinical care, as well as the occasional use of privately owned animals in veterinary educational exercises, can pose challenges for the institutions and IACUCs supporting these activities. Once largely in the domain of the veterinary school environment, studies involving veterinary patients in clinical trials are expanding into other institutional environments when investigators seek a comparative medical approach to the development of new therapies. During this session, faculty and attendees will:

- Discuss the regulatory, legal, and ethical dimensions of institutional oversight in these studies
- Explore common problems encountered in the review and approval of studies in privately owned animals
- Review useful provisions for veterinary patient protection and institutional protection in these situations

Evergreen Ballroom I



A12

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

(Protocol Review Track) Doreen H. Bartlett, Tanise L. Jackson, Justin A. McNulty

In this session, faculty 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
- 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

Evergreen Ballroom C



12:15-1:30 PM

Common Ground Networking Lunch

Time to connect...over lunch! Meet peers for conversation and networking. The 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!

Grand Ballroom A-C

12:15-1:30 PM

Research Ethics Book Group Lunch: Heal: The Vital Role of Dogs in the Search for Cancer Cures

Moderator: Sally Thompson-Iritani

Presenter: Arlene Weintraub

Participate in a vibrant discussion of *Heal: The Vital Role of Dogs in the Search for Cancer Cures* by Arlene Weintraub, a journalist and author with 20 years of experience writing about healthcare, pharmaceutical companies, and biotechnology. Attendees will have the opportunity to hear from and participate in a discussion with Ms. Weintraub about her book, and she will be available to sign books during this time for those that bring their books with them onsite. Ms. Weintraub’s book is available in print and for the Kindle through Amazon.com. Lunch will be served in the session room.

Evergreen Ballroom E



1:45-2:30 PM

Henry Spira Memorial Lecture: The Increased Relevance of the 3Rs, the Evolving Role of the IACUC, and Opportunities to Manifest Change for the Betterment of Animal Welfare and Human Health

Joseph Garner, DPhil, Associate Professor, Department of Comparative Medicine; Courtesy Associate Professor, Department of Psychiatry and Behavioral Sciences; Member, Child Health Research Institute, Stanford University

Grand Ballroom D-H



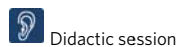
2:30-2:45 PM

Break

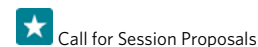
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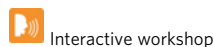
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Didactic session



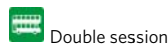
Call for Session Proposals



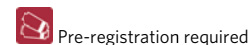
Interactive workshop



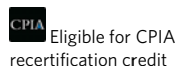
Recorded session



Double session



Pre-registration required



Eligible for CPJA recertification credit

B1

Managing Social Housing for Rodents and Rabbits

(Animal Well-Being and the Three Rs Track) Doreen H. Bartlett (OLAW resource only), Jennifer Lofgren, Christina Nascimento
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 the acceptable reasons for exemptions to social housing before attending this session. During this session, faculty 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

Grand Ballroom J



Advanced

B2

Animal Numbers Justifications: Are We Using the Right Number?

(Animal Well-Being and the Three Rs Track) Linda N. Brovarney, Travis Porco, William S. Stokes

This session will introduce useful approaches to key principles around and regulatory requirements for justifying the number of animals used in research. It is recommended that attendees have a minimum background in statistics before attending this session, as the speakers will not spend time reviewing the basics. During this session, faculty and attendees will:

- Discuss how statisticians can facilitate an appropriate animal study design prior to protocol submission
- Explore how statisticians can enhance the IACUC review process
- Share insight on how statisticians can promote the 3Rs through better experimental design and data analysis
- Review the information in the significant changes guidance and how it applies to justification

Evergreen Ballroom C



Advanced

B3

Open Forum for Nonaffiliated/Nonscientific Members (Communication and Networking Track) Cynthia C. Goodwin, Janet D. Stemwedel

This interactive session will provide a forum for unaffiliated/nonscientific members of IACUCs to discuss issues that arise when carrying out their duties reviewing research involving animal models. During this session, faculty and attendees will:

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

Evergreen Ballroom I



B4

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

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

Evergreen Ballroom H



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Didactic session

Call for Session Proposals

Interactive workshop


Recorded session

Double session

Pre-registration required

Eligible for CPIA recertification credit



B5
What You Need to Know About Adoption Programs (*Hot Topics and Emerging Trends Track*) Donna J. Clemons, Lon V. Kendall

Regency Ballroom E


During this session, faculty will:

- Discuss processes for establishing an adoption program for species other than nonhuman primates
- Outline the legal, ethical, and financial issues that can occur with the adoption of animals
- Identify institutional stakeholders and lines of authority
- Review the steps an institution must consider in preparing animals for adoption
- 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 and long term follow-up

B6
Top Deficiencies from the Perspectives of AAALAC International, OLAW, and USDA (*Hot Topics and Emerging Trends Track*) Kathryn Bayne, Carol Clarke, Brent C. Morse

Regency Ballroom A-C
 

In advance of this session, detailed information on top deficiencies will be available via the conference website, and attendees are encouraged to review this information before arriving onsite. During this interactive session, attendees and representatives from federal agencies and the accrediting body will:

- Provide a brief overview of the detailed information posted online
- Respond to questions from attendees concerning the types of deficiencies noted
- Review their organizations' handling of deficiencies self-reported by institutions

B7
"Departures": How Do You Define, Identify, and Track them Effectively to Meet Regulatory Requirements? (*IACUC Administration/Management and Process Track*) Patricia A. Brown, Melinda Hollander, Elizabeth Meek

Evergreen Ballroom F
 

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, faculty will:

- Briefly define "departure" based on the PHS Policy and the Animal Welfare Act Regulations
- Briefly review OLAW and USDA's reporting requirements for departures
- Review case studies and scenarios surrounding departure tracking


B8
What Is the IACUC Administrator's Role in Preparing for an AAALAC International Site Visit? (*IACUC Administration/Management and Process Track*) Mary Jo Shepherd, Donna M. Zyry

Evergreen Ballroom B
 

During this session, faculty and attendees will:

- Share methods for program description preparation and review
- Explore the feasibility of using "mock site visits" focused on the IACUC and committee administration
- Review what records and documents should be "at the ready" during the site visit
- Discuss who should be available and when during the site visit
- Assure you are prepared for anything!

B9
IACUC Challenges When Investigators Use Agricultural Animals (*Not Your Average IACUC Track*) Helen E. Diggs, Aaron L. Olsen

Grand Ballroom I
 


The use of agricultural animal models in biomedical and agricultural research presents challenges not encountered when working with the commonly used laboratory animal species. During this session, faculty will:

- Outline teaching protocols related to agricultural animals
- Address facility management considerations of using agricultural animal models
- Review the unique safety and hazard concerns encountered when using agricultural animal models
- Discuss IACUC and welfare considerations encountered when using agricultural animal
- Explore issues related to silage, disease, and state concerns


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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

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

(Program Management Track) B. Taylor Bennett, Jennifer A. Perkins

During this session, faculty 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

Grand Ballroom K



B11

Satellite Housing Areas: How to Ensure IACUC and Attending Veterinarian (AV) Oversight of Health and Well-Being

(Program Management Track) Thea Brabb, Troy M. Hallman

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

Evergreen Ballroom G



B12

What Are "Institutional Protocols" and How Should They Be Managed?

(Protocol Review Track) Adeline M. Hajjar, Jo Ann Henry, John N. Norton

During this session, faculty will:

- Discuss the advantages/disadvantages of institutional protocols such as holding, sentinel, core, and training
- Explore how holding protocols may contribute to noncompliance if not managed properly
- Evaluate whether IACUCs fairly assess training protocols managed by the veterinary staff for alternatives and animal number justifications
- Review how institutions address conflict of interest issues with the veterinary staff if most/all of the veterinarians are listed on some protocols
- Examine how to evaluate animal welfare concerns that arise from these institutional protocols (i.e., can they be given different scrutiny than typical research protocols?)

Evergreen Ballroom A



4:00-4:15 PM

Break

Join us for coffee and cold drinks.

Grand Ballroom Foyer

Breakout Sessions – Series C, 4:15-5:30 PM

C1

Consequences of Environmental Stress

(Animal Well-Being and the Three Rs Track) Kathryn Bayne, Scott E. Perkins

During this session, faculty will:

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

Evergreen Ballroom G



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Didactic session

Interactive workshop

Double session

Eligible for CIPA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

C2

Essential Attending Veterinarian (AV)/IACUC Interactions in a Successful Animal Care and Use Program (ACUP) (Communication and Networking Track) Robert Wayne Barbee, John F. Bradfield, John N. Norton

Day-to-day oversight of the ACUP is shared between the AV and the IACUC. Several areas of protocol and program review require AV/IACUC collaboration including, but not limited to: planning for all animal procedures involving pain categories D or E; significant administrative amendments (veterinary verification and consultation); determining experimental/humane endpoints; training of IACUC members/research team in use of anesthetics, analgesics, sedatives, and euthanasia agents; and policy development. It is recommended attendees of this session be an IACUC member or an active participant in an ACUP for at least one year, and have basic knowledge of OLAW/USDA oversight. During this session, faculty and attendees will:

- Discuss how to plan for animal procedures involving pain categories D or E and how to train on using anesthetics, analgesics, etc.
- Review significant administrative amendments and associated policies
- Address the role of the AV vs. the IACUC in protocol endpoints
- Explore how to accomplish veterinary congruency

Evergreen Ballroom A



Advanced

C3

Time to Connect: A Conversation With AAALAC International (Communication and Networking 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

Grand Ballroom J



C4

Fostering an Inclusive Community (Hot Topics and Emerging Trends Track) Natalie L. Mays, Marky E. Pitts, Janet D. Stewwedel

By design, an IACUC includes members with diverse expertise and who represent different constituencies. This session will discuss the ways diversity and inclusion support the functioning of the IACUC, the animal care program, and the institutions of which they are a part. During this session, faculty and attendees will:

- Identify different dimensions of diversity among researchers, students, animal care staff, and compliance personnel
- Discuss how these dimensions of diversity can lead to different expectations, needs, and ways of communicating
- Consider strategies for building working relationships and professional environments that draw on the strengths of diverse participants (rather than trying to “fix” diverse participants)

Grand Ballroom I



C5

CO₂ Euthanasia: Where Do We Go from Here? (Hot Topics and Emerging Trends Track) Debra L. Hickman

This session will build on the on-going discussions about the appropriate methods to use to euthanize laboratory rodents. During this session, faculty and attendees will:

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


Regency Ballroom E





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 Didactic session


 Interactive workshop

 Double session

 Eligible for CPIA recertification credit

 Call for Session Proposals

 Recorded session

 Pre-registration required

C6

Fostering Relationships Between the IACUC and Animal Users Through Scientific Committee Members

(IACUC Administration/Management and Process Track) Glenn M. Monastersky, Stacy Pritt

The key to managing a proactive, progressive animal care and use program is maintaining an open and active environment for communications between all those involved. Attendees should have an understanding of IACUC responsibilities, committee membership requirements, and federally required animal user training before attending this session. During this session, faculty and attendees will:

- Review how to create and maintain an effective communication environment
- Discuss how to effectively communicate with the users
- Explore how scientific members can serve as liaisons to their departments and the research community as a whole
- Examine options for keeping scientific members engaged
- Go over the training roles for the scientific members

Evergreen Ballroom C



Advanced

C7

You Made the Decision: How to Implement and Transition to an e-Protocol

(IACUC Administration/Management and Process Track) Rebecca D. Armstrong, Jennifer M. Lee, Jon D. Reuter, Patricia Shanders

During this session, speakers will describe, from their various roles, the decision-making process, roll-out process, implementation, lessons, and future plans for transitioning from a hard copy to an e-protocol. During this session, faculty will:

- Review why an institution might make this transition, as well as the issues and topics to consider in planning and implementing a protocol review software
- Discuss how to implement a transition to achieve organizational goals, and how to project manage the transition
- Outline how, during this significant change, IACUC staff can carry out their duties and respond to principal investigators and other institutional stakeholders, while also ensuring compliance to institutional policies and the welfare of the animals in teaching and research

Grand Ballroom K



C8

IACUC Challenges for Small Organizations (Not Your Average IACUC Track) Michelle Aparicio, Heidi Denman, Elizabeth Meek (USDA resource only), Sally Thompson-Iritani

In this session, faculty and attendees will focus on creative solutions for challenges inherent to small organizations. During this session, faculty 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.)

Evergreen Ballroom B



C9

Program Review and Facility Inspections (Program Management Track) Tracy M. Heenan, Laurence B. Istvan, William S. Stokes, Venita B. Thornton

Semiannual program reviews and facility inspections optimally 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 leading to suboptimal 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 combat deterioration in oversight
- Address the IACUC administrator's role in preparing the semiannual report
- Discuss the ins and outs of a semiannual program review, including what is required, who should be involved, and when these reviews must be performed
- Examine examples of reviews performed at various institutions and the common citations issued

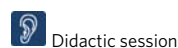
Regency Ballroom A-C



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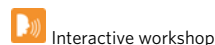
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Didactic session



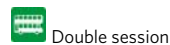
Call for Session Proposals



Interactive workshop



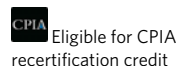
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

C10

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

(Program Management Track) Alice Huang, Justin A. McNulty, Eileen M. Morgan, Richelle L. Scales

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

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

Evergreen Ballroom F



C11

Teaching Protocols More Broadly and Classroom Activities (Protocol Review Track) Terence Bradley, Melinda Hollander

Many programs, particularly those offering agricultural and wildlife courses, involve students working directly with animals. This session will describe ways to ensure students in such courses receive appropriate training on the protocol so they have a basic understanding of the regulatory oversight system, ethical considerations to working with animals, hazards involved, and the proper care of animals. The session will also cover ways to ensure health screening and appropriate participation in the occupational health program. During this session, faculty will:

- Provide strategies to identify students enrolled in these courses
- Discuss ways to document training and receipt of information regarding health concerns and animal welfare reporting
- Outline ways to ensure students are well informed of next steps should health concerns arise
- Describe how to ensure students are knowledgeable about species-specific and project-specific dangers and risks

Evergreen Ballroom I



C12

A Conversation with USDA, APHIS, Animal Care (Communication and Networking Track) Robert M. Gibbens, Elizabeth Goldentyer

For more than 40 years, Congress has entrusted APHIS with the stewardship of animals covered under the Animal Welfare Act 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 representatives of USDA, APHIS, Animal Care
- Participate in an open discussion about issues relevant to USDA, APHIS, Animal Care stakeholders

Evergreen Ballroom H



5:30-6:45 PM

2016 IACUC Conference Welcome Reception

Join us to celebrate the opening of the 2016 IACUC Conference. During this time, you'll be able to meet our conference Supporters and Exhibitors and view the Poster Presentations. Light refreshments will be served.

Grand Ballroom Foyer

5:30-6:45 PM

Roundtable Discussions

Want to get answers and solve problems while connecting with your peers? Pre-register for the 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: Attending Veterinarians; Career/Leadership/Management; Compliance/Federal/Legal/Regulatory; IACUC Administrators/Coordinators; IACUC Chairs; and Nonaffiliated IACUC Members. Five seats will be available per table. 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? Send an [application](mailto:application@primr.org) to membership@primr.org.

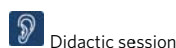
Grand Ballroom A-C



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Didactic session



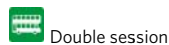
Call for Session Proposals



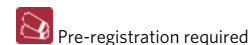
Interactive workshop



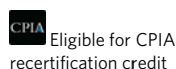
Recorded session



Double session



Pre-registration required



Eligible for CPJA recertification credit

Saturday, April 2: PRIM&R 2016 IACUC Conference

7:00 AM-3:00 PM

Registration

Breakfast on your own. Coffee will be available before the conference begins.

Help Desk

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 special continental breakfast. We'll be discussing recertification and answering 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, we invite you to attend the workshop *E6: What Is the CPIA® Credential? Is it for You? If So, How Do You Prepare and How Could You Benefit from Having the Credential?* on April 2 from 2:45 to 4:00 PM.

Evergreen Ballroom E



8:00-8:05 AM

Welcome from the 2016 IACUC Conference Co-Chairs

Jori K. Leszczynski, Natalie L. Mays

Grand Ballroom D-H



8:05-8:10 AM

Membership Update

David G. Cannon, Co-Chair, Membership Committee

Grand Ballroom D-H



8:10-8:15 AM

CPIA® Update

Deb A. Frolicher, Chair, CPIA Council

Grand Ballroom D-H



8:15-9:00 AM

Keynote Address: Pain in Mice and Man: Ironic Adventures in Translation

[Jeffrey S. Mogil, BSc, PhD](#), E.P. Taylor Professor of Pain Studies; Canada Research Chair in the Genetics of Pain; Director, The Alan Edwards Centre for Research on Pain, McGill University

Grand Ballroom D-H



9:00-10:15 AM

Panel II: Oversight of Protocols With Aquatics

Moderator: Robert S. Sikes

Panelists: Terence Bradley, David M. Parichy, George E. Sanders

There are as many or more species of fish than all other vertebrates combined. Zebrafish are a major model for laboratory research, and wild fish stocks, which must be managed in a sustainable manner, represent food resources to a large proportion of the Earth's human population. When amphibians and other obligate aquatic species are included, aquatic organisms account for about two-thirds of all living vertebrate species. This panel will explore questions IACUCs must address if they are to provide appropriate oversight of aquatic research in both captive and wild environments.

Grand Ballroom D-H



10:15-10:30 AM

Break

Join us for coffee.

Grand Ballroom 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

The Reuse of Animals in Research, Testing, and Teaching (*Animal Well-Being and the Three Rs Track*) Christopher Dillon, Charlotte E. Hotchkiss

During this session, faculty and attendees will:

- Review the regulatory perspective on the reuse of animals in the United States and globally
- Share insight on how to minimize and manage pain and distress
- Address how to develop policies and procedures on reusing animals
- Learn about the reassignment of primates to different protocols

Grand Ballroom I



D2

Rodent Surgery Expectations (*Animal Well-Being and the Three Rs Track*) F. Claire Hankenson, Jennifer Lofgren

During this session, faculty 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

Evergreen Ballroom G



D3

Beyond the IACUC: Understanding the Bigger Compliance Picture (*Program Management Track*) Barbara A. Garibaldi, Christina Nascimento, Gina R. Prochilo-Cawston

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; as well as 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, faculty 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 within the institution when these issues arise
- Address basic reporting requirements for funding agencies, research hazard exposures, and other common overlap areas

Regency Ballroom A-C



D4

The IACUC's Role in Maintaining Institutional Credibility (*Communication and Networking Track*) Rob W. Anderson, Elizabeth Meek, Shannon Reynolds

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. Proactive management and oversight by the IACUC are at the heart of maintaining institutional credibility. 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

Evergreen Ballroom F



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Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

D5

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 M. Anderson, Rhonda Wiler

Join the Institute for Laboratory Animal Research Roundtable members for a session on gene editing in research animals and its impact on IACUCs, which was inspired by a workshop held on December 7-8, 2015, in Washington, DC. During that workshop, members examined science, policy, and ethical challenges from the widespread use of gene editing technologies, such as CRISPR/Cas9, TALENS, and “zinc fingers.” During this session, faculty and attendees will:

- Discuss the science and ethical and welfare issues behind gene editing
- Outline how these technologies would 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

Regency Ballroom E



D6

How to Conduct Investigations

(*IACUC Administration/Management and Process Track*) Marcy A. Brown, Elizabeth Goldentyer, Brent C. Morse, Mary Jo Shepherd

When issues arise that necessitate an investigation, those involved should approach the task with an open mind and a working knowledge of the regulations and institutional policies and procedures. Attendees should possess a complete understanding of the regulatory requirements for addressing animal welfare concerns, cases of noncompliance and whistleblower situations, along with any associated reporting requirements before attending this session. During this interactive session, faculty and attendees will:

- Explore options for assembling an appropriate investigative team/subcommittee
- Share processes and best practices for conducting investigations
- Discuss optimal follow-up and plans for correction and prevention
- Review how to handle unique situations involving whistleblowers

Grand Ballroom K



Advanced

D7

Documentation Soup to Nuts: Forms, Minutes, and Records

(*IACUC Administration/Management and Process Track*) Deb A. Frolicher, Felicia Ponce

Attendees should possess a comprehensive familiarity with IACUC responsibilities and record keeping requirements before attending this session. During this session, faculty and attendees will:

- Take a fresh look at why and how we maintain documentation of IACUC activities
- Examine strategies for reducing paperwork to lessen self-imposed regulatory burden
- Share ideas and best practices regarding the preparation of documents and how to make documentation Freedom of Information Act-ready
- Share ideas on user-friendly, customer-focused forms, guidelines, and policies that really work

Evergreen Ballroom A



Advanced

D8

IACUC Deliberations Using Wildlife Scenarios

(*Not Your Average IACUC Track*) John A. Bryan, II, Robert M. Gibbens, Gregory Langham, Robert S. Sikes

This session will present challenging scenarios from the wildlife arena as learning tools for IACUCs and principal investigators. Participants attending this session should have thorough knowledge of the policies and regulations underlying animal oversight, obtained through IACUC 101™ or similar courses, before attending this session. During this session, faculty and attendees will:

- Explore situations where specific guidance is often not available either because the situations are new or unique, or because relevant information does not exist for the species under study
- Discuss practical strategies for handling similar problems in very different wild species
- Address issues related to nontraditional species
- Review the guidance around euthanasia in field studies

This is a double session and will go until 1:15 PM. Attendees will get their boxed lunch before the session starts.

Evergreen Ballroom H



Advanced

ICON KEY

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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.”

Didactic session

Interactive workshop

Double session

Eligible for CPIA recertification credit

Call for Session Proposals

Recorded session

Pre-registration required

D9

Connecting the Programs: Occupational and Environmental Health and Safety (OEHS), the IACUC, and the IBC
(Program Management Track) John F. Bradfield, Gene Hines, Alison D. Pohl, Donna S. Williamson

Evergreen Ballroom C



Advanced

This session will explore connecting research programs and ways to build strong relationships and enhancing 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. During this session, faculty 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 and/or regulatory compliance
- Share strategies for how to maximize the relationship between the programs, including how an effective partnership can benefit each committee, principal investigators, and the institution
- Explore best practices with regard to the management of compliance committees and OEHS, including how to manage and exchange information swiftly and effectively.
- Examine different approaches to collating and 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 and appropriately handle and track chemical and novel agents used in animals in research, handle cages, and how to deal with the waste stream

This is a double session and will go until 1:15 PM. Attendees will get their boxed lunch before the session starts.

D10

Attaining a New Performance Plateau Through Post-Approval Monitoring (PAM)

(Program Management Track) Michael P. Andrews, Elizabeth Ford, Richelle L. Scales

Grand Ballroom J



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

- 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
- Discuss 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

This is a double session and will go until 1:15 PM. Attendees will get their boxed lunch before the session starts.

D11

Significant Changes: Development and Implementation of Policies and Guidance Documents for Principal Investigators

(Protocol Review Track) Patricia A. Brown, Emily W. Clark, Melinda Hollander, Elaine K. Kim

Evergreen Ballroom B



In August 2014, OLAW, with a concurrence from the USDA, published a guidance document that allows institutions to develop policies and guidance documents permitting principal investigators to make some changes to their approved IACUC protocols utilizing administrative and veterinary consultation rather than IACUC review. During this session, faculty and attendees will:

- Briefly review the guidance
- Provide insight on the process of developing policies and guidance documents and how to implement the guidance
- Share strategies that can be used to change protocols while also meeting the documentation standard of the guidance document
- Discuss how to create standard operating procedures for common experimental procedures, including the pros and cons of having pre-approved procedures

This is a double session and will go until 1:15 PM. Attendees will get their boxed lunch before the session starts.

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Didactic session



Call for Session Proposals



Interactive workshop



Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

D12

Assessing and Ensuring Qualifications, Competence, and Proficiency

(Qualifications and Training Track) Bruce W. Kennedy, Amy F. Kilpatrick, William Singleton

Technical competence and proficiency in the care and use of research animals are the ultimate goals for assuring compliance, meeting regulatory mandates, and improving both animal welfare and the quality of research. Training needs are pervasive throughout an institutional program, including with the IACUC, animal care providers, and research personnel. Before taking this session, attendees should review and understand materials uploaded to the PRIM&R website, and have an understanding of the regulatory mandates for training. During this advanced, train-the-trainer session, faculty and attendees will:

- Learn to define the audience (trainees) and understand different learning styles and mechanisms
- Review several methods that work in various settings for assessing qualifications, competence, and proficiency
- Participate in exercises demonstrating how these concepts can be used
- Discuss staffing, training metrics, time commitment, and documentation that must be factored into the development of an assessment method which suits an institution
- Recognize ways of assessing trainer(s)

This is a double session and will go until 1:15 PM. Attendees will get their boxed lunch before the session starts.

Evergreen Ballroom I



Advanced

12:00-1:00 PM

Lunch

Grand Ballroom A-C

1:15-2:30 PM

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

Moderator: Mary Jo Shepherd

Panelists: John F. Bradfield, Patricia A. Brown, Andrew Burich, Carol Clarke, Alan B. Ekstrand, Cynthia C. Goodwin, Norman J. Kleiman, Kari Lyn Koszdin

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/or USDA, APHIS, Animal Care will provide their perspective on each issue discussed by the virtual IACUC.

Grand Ballroom D-H



2:30-2:45 PM

Break

Join us for coffee and cold drinks.

Grand Ballroom Foyer

Breakout Sessions - Series E, 2:45-4:00 PM

E1

Current Approaches to Administering Anesthetics and Analgesics in Rodents and Rabbits: What's New, What Works, What Doesn't

(Animal Well-Being and the Three Rs Track) Thea Brabb, Lon V. Kendall

This will be an interactive session and participants are encouraged to share their experience with new modalities in analgesia in these species. Attendees should have a basic understanding of common anesthetic and analgesic regimens used in rabbits and rodents, as well as, mode of action, contraindications, appropriate doses, routes, and administration frequency before taking this session. During this session, faculty and attendees will:

- Review current methods for managing pain in laboratory animals
- Discuss how to maintain a surgical plane of anesthesia in rodents
- Address the challenges of providing analgesia for immunological studies
- Explore current thinking on perioperative pain management

Grand Ballroom J

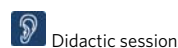


Advanced

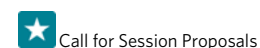
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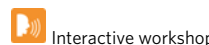
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Didactic session



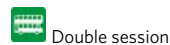
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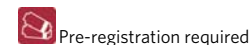
Interactive workshop



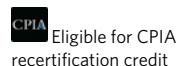
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

E2

Communicating With the Public: Available Tools and Effective Strategies (*Communication and Networking Track*)

Cindy A. Buckmaster, Paula Clifford, Ken Gordon

Effectively communicating with the public on issues surrounding the use of animals in biomedical research requires resources and skill sets so that messages are conveyed in a way that is easily understood and that address the key points raised by those opposed to the use of animals in research. During this session, faculty will:

- Discuss the resources available that can help in communicating with the public
- Review the key components of becoming an effective communicator
- Provide examples of effective communication strategies

Evergreen Ballroom H



E3

Time to Connect: A Conversation With OLAW and USDA, APHIS, Animal Care (*Communication and Networking Track*)

Patricia A. Brown, Elizabeth Goldentyer, Eileen M. Morgan

Join us for this special session where attendees can speak with and ask questions of representatives from the 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 40 years, Congress has entrusted APHIS with the stewardship of animals covered under the Animal Welfare and Horse Protection 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 OLAW and USDA, APHIS, Animal Care
- Participate in an open discussion about issues relevant to OLAW and USDA, APHIS, Animal Care stakeholders

Regency Ballroom A-C



E4

Collaboration for Outsourced Studies: Animal Welfare and the Three Rs (Replacement, Reduction, and Refinement) (*Hot Topics and Emerging Trends Track*)

Donna J. Clemons

This training material was developed by the IQ Consortium, a not-for-profit organization of pharmaceutical and biotechnology companies with the mission of advancing science-based and scientifically-driven standards and regulations for pharmaceutical and biotechnology products worldwide. During this session, faculty will:

- Review the mechanisms for identifying animal welfare and study integrity issues that can occur during the development and revision of protocols and timelines for live animal studies conducted at external facilities
- Demonstrate how to build an understanding of down-stream consequences
- Provide a background for informed decision making, and review how to strengthen the relationship between institutions
- Address the regulatory and AAALAC International issues that can arise related to timelines

Please note this session is 60 minutes in length.

Evergreen Ballroom I



E5

Conversation about the Interagency Collaborative Animal Research Education (ICARE) Project (*Communication and Networking Track*)

Susan Silk

Initiated in 2013, the multiphase ICARE Project is supported and sponsored by the NIH OLAW, the USDA, APHIS, Animal Care, NSF, FDA, and the VA to empower IACUCs to increase compliance with federal standards while minimizing regulatory burden. The federal agencies of the ICARE Project funded an award administered by NSF and awarded to PRIM&R. In Phase 1 of the project, PRIM&R will partner with the federal agencies to convene two ICARE Train-the-Trainers Institutes (TTI). At these institutes, facilitators will train experienced IACUC leaders and educators in the use of active learning pedagogy to enhance the effectiveness of their IACUC training programs. Curriculum development for the TTIs has been spearheaded by a group of subject matter experts in IACUC issues and training, along with active learning experts. During this session, attendees will have the opportunity to:

- Learn about the overall ICARE Project from a Federal representative
- Learn about curriculum of the TTIs and the process for applying to participate
- Ask questions about ICARE

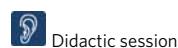
Regency Ballroom E



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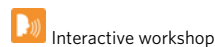
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Didactic session



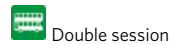
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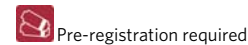
Interactive workshop



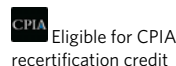
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

E6

What Is the CPIA® Credential? Is it for You, How Do You Prepare, and How Could You Benefit from Having the Credential? (IACUC Administration/Management and Process Track) Deb A. Frolicher, Rebecca Henry, Sally Thompson-Iritani

In this session, a member of the CPIA Council, a recently certified individual, and a seasoned certified individual will:

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

Evergreen Ballroom A



E7

Keeping Your Institutional Official (IO) Informed and Engaged

(IACUC Administration/Management and Process Track) Jo Ann Henry, Ernest D. Prentice, Jon D. Reuter

Whether you're working as the attending veterinarian, IACUC administrator, or a researcher, this session will explore how to keep your IO informed and engaged. During this session, faculty will:

- Discuss ways to begin IO engagement, including 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 high quality science and state of the art animal care, as well as opportunities for IO continuing education
- Explore methods to manage and meet expectations for you and the IO

Grand Ballroom I



E8

Panel Follow-Up: What IACUCs Need to Know About Laboratory Aquatics Oversight

(Not Your Average IACUC Track) Doreen H. Bartlett, Terence Bradley, David M. Parichy, George E. Sanders, Robert S. Sikes

This session will follow-up on the conversations started during the panel, and will focus on what IACUCs need to do to provide competent oversight of aquatic animal programs. From initial education of IACUC members, implementation or affirmation of appropriate policies, and facilitation of the research, this session will prepare IACUCs for effective oversight of the care and use of aquatic species. During this session, faculty and attendees will:

- Review what training should be provided to IACUC members and staff to be able to effectively oversee research with aquatic animals
- Discuss what IACUC policies need to be revised or created when adding laboratory aquatic animals to a research program
- Address the unique occupational health concerns that aquatic animals pose
- Share strategies on principal investigator care of these animals, including housing and husbandry

Evergreen Ballroom C



E9

Detecting and Eliminating the Antecedents to Serious Programmatic Failure (Program Management Track) Linda N. Brovarney, Tanise L. Jackson, Brent C. Morse

The opportunities for failure in animal care and use programs are diverse, interactive and, at times, insidious. Early detection and preventive measures can be very rewarding. During this session, faculty and attendees will:

- Highlight programmatic deficiencies, including inadequacies in IACUC oversight, as well as a wide variety of laboratory animal management and physical plant areas that have the capacity to negatively impact animal health and welfare, the institution's animal research endeavors, and overall programmatic quality
- Address administrative problems, such as policies and procedures, that do not meet institutional requirements
- Share strategies and best practices for addressing these problems

Evergreen Ballroom G



E10

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, 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
- Outline how to handle the appeals process

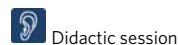
Grand Ballroom K



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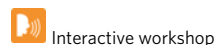
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Didactic session



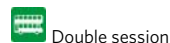
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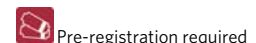
Interactive workshop



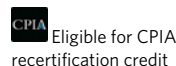
Recorded session



Double session



Pre-registration required



Eligible for CPIA recertification credit

E11

How to Assist Research Staff and Principal Investigators in Writing a Protocol

(Protocol Review Track) Francisco J. Cisneros, Sierrea D. Fuller, Jori K. Leszczynski

This session is geared toward IACUC staff who assist researchers in writing protocols, and for members of the research community who write protocols. During this session, faculty will:

- Provide examples of programs offered at several institutions designed to assist research staff with writing protocols
- Share insight on items that should be encouraged and avoided when assisting research staff with preparing a protocol
- Explain how to work with research staff so they understand the service is not a substitute for the committee review and approval
- Address how different institutions determine when a protocol requires veterinary pre-review and how the IACUC staff assistance differs
- Demonstrate how to assist research staff with the level of detail required in the sections of the protocol, including the narrative, animal numbers justification, literature searches, and sections that request exemptions from standard policies
- Discuss how an assistance program can work with investigators to develop a response to comments/questions from IACUC reviewers

Evergreen Ballroom B



E12

Cultivating a Culture of Compliance (Qualifications and Training Track) Anne Clancy, Nicole E. Duffee

During this session, faculty will:

- Discuss the value of educating IACUC members and staff to the IACUC's mission and responsibilities
- Go over the opportunities available to work with researchers to understand the roles of the IACUC, the value of engagement, and methods and processes that help streamline review and support science
- Review strategies for collaborating with research investigators and communicating vital information in a timely fashion
- Explore how thinking outside the box keeps compliance inside the box
- Outline other ways to expand the robustness of the program through the creation of subcommittees, subject matter experts, etc.
- Provide information on how to reshape an outdated program or build a program from the ground up

Evergreen Ballroom F



4:00-5:00 PM

Closing Reception

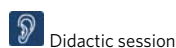
Join us for fond farewells and to make plans for the 2017 IACUC Conference. Light refreshments will be served.

Evergreen 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