



PRIM&R's 2018 IACUC Conference MARCH 19-21 • COLUMBUS, OH

Monday, March 19: Preconference Programs

7:30 AM-6:00 PM
On-Site Check-In Open

Regency Foyer

7:30 AM-8:30 AM
Breakfast
Breakfast will be provided by PRIM&R.

Union ABC

8:30 AM-12:00 PM
Decreasing Regulatory Burden: What's Not To Like?

Delaware CD


8:30 AM-4:30 PM
Beyond the Basics: Advanced Issues and Current Topics in IACUC Administration

Delaware AB


8:30 AM-5:30 PM
Essentials of IACUC Administration

Franklin AB


1:00-4:30 PM
Best Practices for Communicating and Collaborating for IACUCs and IBCs

Morrow


1:00-4:30 PM
IACUC Boot Camp




Delaware CD





4:30-6:30 PM
Preconference Programs Networking Reception
This reception is for preconference program attendees. Light refreshments will be served.

Regency Foyer


Icon Key

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-  Sessions span two time periods
-  CPIA recertification credit
-  Call for Session Proposals

-  New in 2018
-  Recorded for proceedings
-  Pre-registration required



PRIM&R's 2018 IACUC Conference MARCH 19-21 • COLUMBUS, OH

Tuesday, March 20: IACUC18

7:00 AM-6:00 PM
On-Site Check-In Open

Regency Foyer

7:00 AM-8:00 PM
Breakfast

Regency Foyer

Breakfast will be provided by PRIM&R in the Regency Foyer, and seating will be available in the Regency Ballroom.

7:00-8:00 AM

Delaware CD

Breakfast: Welcome to First-Time Attendees



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

8:00-8:05 AM

Regency Ballroom

Welcome from the IACUC18 Co-Chairs



Jori K. Leszczynski, Natalie L. Mays

8:05-8:10 AM

Regency Ballroom

Membership Update



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

8:10-8:15 AM

Regency Ballroom

Presentation of the Lifetime Achievement Award for Excellence in Research Ethics Awarded to Temple Grandin, PhD, Professor of Animal Science, Colorado State University



Presented by Christian E. Newcomer, VMD, MS, DACLAM, Executive Director Emeritus, AAALAC International; Member, PRIM&R Board of Directors. Please note: Professor Grandin cannot attend in person.

8:15-8:30 AM

Regency Ballroom

Welcome from PRIM&R's Executive Director



Elisa A. Hurley, PhD

8:30-9:15 AM

Regency Ballroom

Henry Spira Memorial Lecture: Running Interference: What Don't You Know?



Kathleen R. Pritchett-Corning, DVM, DACLAM, Senior Clinical Veterinarian, Harvard University Faculty of Arts and Sciences; Affiliate Assistant Professor, Department of Comparative Medicine, University of Washington

9:15-9:45 AM

Regency Foyer

Beverage Break With the Supporters and Exhibitors

PRIM&R would like to thank iMedRIS Data Corporation for helping to support this break.

9:45-11:00 AM

Regency Ballroom

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






Moderator: *Janet D. Stemwedel*




Panelists: *Valerie K. Bergdall, Gary L. Borkowski, Patricia A. Brown, Chris Dillon, Robert M. Gibbens, Samuel K. Kulp, Sally E. Light, Robert A. Skipper, Jr., Drusilla D. Qualman*

Be sure not to miss this real-time mock IACUC meeting! Mock agenda items will be made available to conference attendees prior to the "meeting" and attendees will have the opportunity to electronically participate in the mock committee voting process via text or web polling. Audience vote tallies will then be displayed and discussed, and representatives from AAALAC International, OLAW, and USDA, APHIS, Animal Care will provide their perspectives on each issue discussed by the mock IACUC.

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11:00-11:15 AM
Break

Breakout Sessions – Series A, 11:15 AM-12:30 PM

A1: How Environment and Enrichment Can Impact Research Outcomes for Rabbits and Rodents

(Animal Well-Being and the 3Rs Track)

Kathryn Bayne, Elaine K. Hebda-Bauer

More and more, an animal's environment and enrichment, including social housing, is proving to have an effect on research results. Some scientists are reluctant to change their housing methods for fear of not being able to reproduce model systems. This session will discuss recent data showing the effects of caging, enrichment, and social housing, as well as review methods investigators can use to make changes to these systems. During this session, speakers and attendees will:

- Discuss research on social housing and enrichment of rodents and rabbits
- Lead a discussion on methods to enhance animal well-being through enrichment and social housing
- Review methods research staff can use to implement changes

Franklin C



A2: For VA and Non-VA Alike: Timing and Substance – How to Respond When Things Go Wrong

(Communication and Networking Track)

Michael T. Fallon, Alice Huang, Joan T. Richerson

The combined effect of Murphy's Law, human fallibility, and moving targets for ethical, veterinary, and regulatory standards, is that things go wrong – in animal research as in any other area of human endeavor. How participants in the animal research program respond, makes all the difference. This session will focus on using the process of identifying and addressing problems to improve the animal care and use program, instead of only ensnaring the program in ever increasing and counterproductive regulatory burden. Specific topics to be addressed include what to do with the findings that come out of AAALAC International site visits, and what to do about problems that are self-identified. The office of the Chief Veterinary Medical Officer of the VA provides guidance to the 70+ VA facilities with animal research programs. All of these are required by VA policy to comply with the USDA, APHIS, Animal Care and PHS Policies, just as non-VA institutions do. This session will be useful to participants from any institution, although speakers will address a few VA-specific points as well. During this session, speakers and attendees will:

- Consider how the timing of the responses can impact their efficacy and how much administrative burden is involved
- Examine the requirements for self-reporting and the need to make sure that compliance supports improved animal care and use
- Summarize recent developments in VA oversight of animal research

Marion



A3: Exploring and Enhancing Diversity Within the Animal Care and Use Program - Part I (Communication and

Networking Track)

Tanise L. Jackson, Donna Matthews Jarrell, Noé Tirado-Muñiz

PRIM&R's commitment to diversity is a core value, and it will be supported in this two-part session. In part I, speakers and attendees will brainstorm and strategize how to champion the important benefits of diversity in all aspects of regulatory affairs and compliance career pathways, spanning from animal care and use personnel, to the IACUC office and membership, to researcher partners. During part I of this session, speakers and attendees will:

- Discuss the benefits and challenges of implementing diversity in IACUC committees and workplaces
- Describe unconscious bias and stereotype threats, and articulate the implications this has on learning and/or supporting career development
- Share approaches for building a toolbox that can assist individuals in learning how to manage/leverage diversity within committees; increase diversity and points of view of committees (e.g., strategies for inclusion of all participants, including nonscientist and nonaffiliated members); and navigate the opportunities and challenges of a diverse workplace, including for communication and problem-solving among diverse IACUC administrative, committee, and research personnel

Note: Part II of this session will take place on March 20 from 4:30-5:45 PM (session C11).

Morrow



A4: Scientific and Ethical Considerations in the Use of Gene Editing Techniques to Modify Animal Genomes for Research

(Hot Topics and Emerging Trends Track)

Vincenzo Coppola, Stephen A. Murray

New gene editing techniques are revolutionizing research with animals. How are they impacting IACUCs? What are the science, policy, and ethical challenges from the widespread use of gene editing technologies (e.g., CRISPR/Cas9, TALENS, and "zinc fingers")? During this session, speakers and attendees will:

- Discuss the science, ethical, and welfare issues IACUCs should consider when gene editing techniques are used in biomedical research involving animal models
- Review how these technologies could change the use of animal models and how optimal models for research are chosen, as well as the potential effect gene editing could have on expanding the numbers of animals and variety of species used in biomedical research
- Explore the potential effects gene editing could have on husbandry needs for the altered animals

Union E



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Sessions span two time periods



CPIA recertification credit



Call for Session Proposals



New in 2018



Recorded for proceedings



Pre-registration required

A5: Quality Assurance Beyond Post-Approval Monitoring (PAM) (Hot Topics and Emerging Trends Track)

Franklin AB

William Greer, Jennie Lofgren, Sandra L. Wilkins



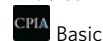
Quality assurance programs are typically another way to say PAM, but when the quality assurance program goes beyond "reviewing principal investigator protocols," it becomes a tool for assessing not only adherence to protocols, but also the efficiency, effectiveness, and consistency of other practices associated with the animal care and use program (ACUP). Attendees should have a good understanding of the components of an ACUP before attending this session. During this session, speakers and attendees will:

- Discuss methodologies for traditional PAM programs
- Review how quality assurance programs can be used to improve the overall ACUP
- Outline how programmatic fiscal commitment can affect the ACUP

A6: Bootcamp: Fundamentals for New IACUC Members (IACUC Administration/Management and Process Track)

Madison

Monte Matthews, Eileen M. Morgan, Nicolette Petervary



This session is for new IACUC members and will provide a comprehensive review of the oversight process, IACUC functions, federal regulations, frequently used acronyms, the *Guide*, protocol review, and committee composition. During this session, speakers and attendees will:

- Define frequently used acronyms and abbreviations
- Introduce specific requirements of the Animal Welfare Act regulations (USDA) and PHS Policy (OLAW), the *Guide*, and AAALAC International
- Review IACUC composition and responsibilities, including: protocol review, semiannual program evaluations and inspections, and noncompliance
- Explore other program requirements (e.g., occupational health and safety, post-approval monitoring, etc.)

Note: this session will be similar to the IACUC Boot Camp preconference program on March 19.

A7: Keeping the Key Players in Your Animal Care and Use Program Informed and Engaged

(IACUC Administration/Management and Process Track)

Delaware AB

Jo Ann Henry, Helen O'Meara, Ernest D. Prentice



A successful animal care and use program relies on the interactions and engagement of a diverse group of people with multiple responsibilities. The institutional official (IO) assumes significant responsibilities in the animal care and use program and must work in partnership with divergent populations at the institution to ensure a compliant and effective program. The IACUC chair and committee members have many other responsibilities and roles in addition to IACUC membership that can impact their engagement. IACUC administrators must find ways to keep all informed and engaged. Attendees should have a sound working knowledge of the IACUC and the regulations that provide guidance, and this session is geared toward well-versed IACUC administrators who can share their challenges and successes related to their institutions. During this session, speakers and attendees will:

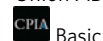
- Discuss ways to begin IO engagement, as well as how to address issues related to animal program responsibilities, quality science, legal requirements, liabilities, and risks
- Share strategies for how to educate the IO, IACUC chair, and committee members about the critical relationship between quality science and animal care and use and oversight programs (including ideas for continuing education)
- Develop strategies for energizing and supporting a long standing IO, IACUC chair, or committee member
- Explore methods to manage and meet expectations for the program

A8: IACUC Basics for the Use of Wildlife in Research and Education

(Oversight of Non-Typical Animals and Situations Track)

John A. Bryan, II, Robert M. Gibbens, Robert S. Sikes, Axel V. Wolff

Union AB

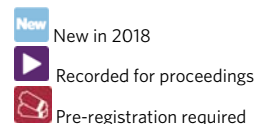
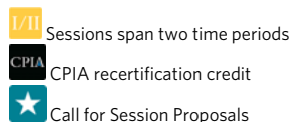


This session will cover the basics for IACUC deliberations of those activities involving wildlife. The speakers will use a protocol tailored for wildlife to cover the information needed for an effective review of proposed activities, and that describes resources specific to wildlife research. During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

- Go over the expectation for IACUC review (e.g., the "field studies exemption")
- Review the numbers and species of animals, both target and non-target
- Discuss the use of pharmaceuticals in capture, handling, and relief of pain
- Address euthanasia in the field
- Explore issues in the field related to occupational health and safety

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A9: Program Review and Facility Inspections (Program Management Track)

Monica L. DeFeo, Tracy M. Heenan, William S. Stokes, Venita B. Thornton

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

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

Note: this session will be offered a second time on March 21 from 11:00 AM-12:15 PM (session D9).

Franklin D



A10: The IACUC Chair's Perspective on Enhancing Protocol Review While Decreasing Regulatory Burden (Program Management Track)

George F. Babcock, Robert Wayne Barbee

Protocol review is a primary responsibility for IACUCs and can also be an area of concern to the regulatory and accrediting bodies. This session will focus on how IACUC chairs can provide the leadership necessary and train individual IACUC members to improve this process. Speakers will focus on the methodologies allowed by regulatory bodies, special considerations for protocol review, and the use of tools such as formularies and standard operating procedures (SOPs) to enhance protocol review. During this session, speakers and attendees will:

- Discuss how the IACUC chair can utilize various protocol methodologies (e.g., full committee review, designated member review, veterinary verification and consultation) to match their program's needs
- Explore how to triage protocols for the IACUC based on animal and/or animal user risk and performance standards
- Review how to guide the IACUC in the development of formularies and SOPs to reduce regulatory burden

Union CD



A11: Protocol Review Fundamentals 101 (Protocol Review Track)

Neera V. Gopee, Nancy Figler Marks, Toni O'Connell

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

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

Delaware CD



A12: Implementation of Active Learning (AL) in Institutional Animal Care and Use Programs (Training and Qualifications Track)

Christina Nascimento, Kiirsa Pokryfke

AL has been shown to increase the effectiveness of adult education in factual and theoretical understanding of scientific and ethical issues by engaging the learner in activities that require the application of high-level concepts. This session will discuss and demonstrate implementation of AL methodology to provide effective IACUC training. During this session, speakers and attendees will:

- Review the definition of AL
- Go over how AL has been implemented at different institutions
- Analyze the challenges institutions face in implementing AL
- Share strategies for implementing AL in IACUC education and training

Knox



12:30-2:00 PM

Attendee Open Lunch Period

During this time, attendees will eat lunch on their own. Learn more about dining options in the hotel and area [on](#) page 6 of the conference guide.

2:00-2:45 PM

Keynote Address: Ethics in Animal Research: Why Investigators Must Lead the Way

Jerrold Tannenbaum, JD, Professor Emeritus, University of California, Davis School of Veterinary Medicine

Regency Ballroom



2:45-3:00 PM

Beverage Break With the Supporters and Exhibitors

PRIM&R would like to thank Cayuse for helping to support this break.

Regency Foyer

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New in 2018



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B1: The 3Rs in North America (*Animal Well-Being and the 3Rs Track*)

Natalie A. Bratcher, Mark J. Prescott, Mary Ann Vasbinder

There has been a lot of activity surrounding the 3Rs in North America over the last two years. This session will bring together representatives from groups working to advance research and education on the 3Rs. Speakers will discuss how they are breaking down silos and creating collaborative work groups, as well as provide information on how to get involved in these groups and develop ideas on how research and education in this area can move forward. During this session, speakers and attendees will:

- Review current collaborative activities of the 3Rs groups working in North America
- Explore ways to get involved with these groups
- Develop ideas on how to move forward

Franklin C



B2: Special Considerations for IACUC Review (*Animal Well-Being and the 3Rs Track*)

B. Taylor Bennett, Gary L. Borkowski, William W. King

The 8th edition of the *Guide* asks IACUCs to provide special consideration for studies that have the potential for unrelieved pain and distress. It also indicates that IACUCs are obliged to weigh the objectives of the study against potential animal welfare concerns. An AAALAC International frequently asked questions (FAQs) document titled, "Harm Benefit Analysis," addresses this obligation. During this session, speakers and attendees will:

- Review the issues requiring special consideration by IACUCs
- Explore the meaning of the word "obliged" in terms of the *Guide's* "should" and "must" recommendations
- Discuss AAALAC International's expectation in terms of the language in their FAQs document

Union E



B3: Open Forum for Laboratory Animal Veterinarians (*Communication and Networking Track*)

Valerie K. Bergdall, Jennie Lofgren

Laboratory animal veterinarians in the United States are in a unique position in that they have been granted a tremendous amount of responsibility and authority for managing their institution's animal care and use program. During this session, speakers and attendees will:

- Address issues and examples submitted in advance by attendees
- Discuss the challenges that arise for veterinarians in exercising their responsibilities and authority
- Review suggestions for coping effectively with challenges to that authority

Madison



B4: Open Forum for Nonaffiliated/Nonscientific IACUC Members (*Communication and Networking Track*)

Drusilla D. Qualman, Janet D. Sternwedel

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

- Briefly review the role of the IACUC as contained in the Animal Welfare Act regulations, the PHS Policy, and the *Guide*
- Review the roles and responsibilities of nonaffiliated/nonscientific IACUC members
- Share resources to help navigate protocol review, engagements with principal investigators and scientific members, and the task of giving voice to the public in deliberations
- Explore other issues raised by attendees during the session

Knox



B5: IACUC Administration for New IACUC 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 responsibilities of providing administrative support to the IACUC. During this session, speakers will provide a comprehensive review of responsibilities typically assigned to IACUC administrators/coordinators. Attendees should be familiar with IACUC administrative duties, and this session is geared toward individuals who have less than two years' experience in their IACUC administrator role. During this session, speakers and attendees will:

- Review IACUC member training requirements
- Discuss the various ways IACUC administrative staff can support the protocol review process
- Provide various options for conducting post-approval monitoring

Note: This session will be similar to the *Essentials of IACUC Administration-Intensive preconference program on March 19.*

Union AB



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B6: Meeting the Challenges in IACUC Administration: Case Studies in Handling Complex Protocol

Issues/Situations - Part I (IACUC Administration/Management and Process Track)

Dana M. Miller, Eileen M. Morgan, Stacy Pritt

Franklin AB



Many IACUC administrators, members, and staff struggle with protocol questions and what the IACUC should consider in reviewing protocols. In the first part of this two-part session, speakers and attendees will work through case studies on protocol review issues, and discuss possible ways to handle these complex situations. Attendees should have a sound working knowledge of the IACUC and the regulations that provide guidance before attending this session. Important to the session are well-versed IACUC administrators who can share their experiences with protocol form challenges. During part I of this session, speakers and attendees will:

- Discuss and analyze simulated, problematic scenarios in IACUC protocol reviews
- Formulate possibilities for resolution without conflict
- Discuss potential solutions to the problem while maintaining compliance

Note: Part II of this session will take place on March 21 from 11:00 AM-12:15 PM (session D6).

B7: IACUC Deliberations Using Wildlife Scenarios - Part I (Oversight of Non-Typical Animals and Situations Track)

John A. Bryan, II, Nicolette Petervary, Robert S. Sikes, Axel V. Wolff

Franklin D



This two-part session will use scenarios as learning tools for principal investigators and IACUC members, including those who focus on taxa ranging from fish to mammals. The scenarios will allow attendees to discuss situations where specific guidance is not often available either because the situation is new or unique, or because relevant information does not exist for the species under study, and share practical strategies for handling similar problems in different wildlife species. Participants should have a thorough understanding of the applicable policies and regulations for working with wildlife before attending this session (attendees without such knowledge are encouraged to attend the A8: IACUC Basics for the Use of Wildlife in Research and Education first). During part I of this session, speakers and attendees will:

- Review whether activities fall under the “field studies exemption”
- Discuss how to list numbers and species for wildlife studies
- Explore how to evaluate the potential impacts on populations and communities

Note: Part II of this session will take place on March 20 from 4:30-5:45 PM (session C7).

B8: Ensuring Congruency Between Grants and Protocols (Program Management Track)

Michelle Aparicio, Doreen E. Bartlett, Nancy Figler Marks

Union CD



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

- Briefly define the requirements for congruence among grants, contracts, and protocols
- Discuss the various mechanisms for developing and implementing a program to accomplish this congruency, as well as to perform comparative reviews
- Identify the roles and responsibilities of the institution, the principal investigator, and the IACUC in facilitating compliance with grant policies, as well as how just-in-time review may affect the overall facilitation of the review process
- 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

B9: Compassion Fatigue - Part I (Program Management Track)

Thamires C.P. Nunes, Andreanna Pavan, J. Preston Van Hooser

Morrow



This two-part session will cover what IACUCs should be aware of in terms of compassion fatigue, including what it is and how it impacts an animal care and use program. During part I of this session, speakers and attendees will:

- Define compassion fatigue
- Evaluate how compassion fatigue impacts different facets of an animal care and use program (e.g., IACUC members, animal caregivers, researchers, and other members of our community)
- Share tools for developing a compassion fatigue program

Note: Part II of this session will take place on March 20 from 4:30-5:45 PM (session C8).

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B10: Teaching Protocols, Classroom Activities, Institutional Protocols, and More (Protocol Review Track)


Delaware CD
 Advanced

Justin D. Kieffer, Angela J. Phillips

Animals are used in the classroom at many institutions of higher education. The review of these uses of animals can pose challenges for IACUCs. Attendees should have a good working knowledge of the regulatory requirements related to the special considerations for IACUC review before attending this session. During this session, speakers and attendees will:

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

B11: Training: What OLAW and USDA Expect of IACUCs (Training and Qualifications Track)

Delaware AB
 Basic

Elizabeth Goldentyer, Neera V. Gopee

Assured institutions and registered research facilities are expected to provide education and training on the humane practice of animal care and use, research or testing methods that minimize the number of animals required to obtain valid results, and to minimize animal distress. During this session, speakers will review regulatory requirements for training and explore ways to effectively train while reducing burden on members of the research community and IACUC members and staff. During this session, speakers and attendees will use active learning techniques to:

- Review OLAW's and USDA's requirements for training
- Explore ways to effectively train while reducing burden on members of the research community and IACUC members and staff
- Discuss common pitfalls in complying with the training requirement
- Review the IACUC's responsibility as it relates to the training requirements

4:15-4:30 PM
Break

C1: Supporting Active 3Rs Culture Within Academic Organizations: New Strategies and Tools from the United Kingdom (Animal Well-Being and the 3Rs Track)

Franklin C
  

Samuel Brod, Melanie L. Graham, Mark J. Prescott

Implementation of the 3Rs (replacement, reduction, refinement) is a key component of animal care and use programs. However, there can be challenges to fully applying the 3Rs within the academic sector, as well as a lack of benchmarks to gauge success. This session will demonstrate the importance of developing an institutional framework for supporting the 3Rs that delivers benefits to scientists and animals, and provide new strategies and tools from the United Kingdom's National Centre for the Replacement, Refinement and Reduction of Animals in Research, designed to help academic institutions improve and measure their 3Rs engagement and activity. During this session, speakers and attendees will:

- Discuss and give examples of the scientific importance of the 3Rs
- Explain some of the challenges to implementing the 3Rs within the academic sector
- Review what a good institutional 3Rs culture looks like, and how progress in the 3Rs can be measured at the institutional level

C2: A Time to Connect: A Conversation With the NIH OLAW (Communication and Networking Track)

Franklin D





Patricia A. Brown, Eileen M. Morgan, Brent C. Morse, Jane J. Na, Venita B. Thornton




The NIH OLAW provides guidance and interpretation of the PHS Policy on Humane Care and Use of Laboratory Animals, supports educational programs, and monitors compliance with the PHS Policy by assured institutions and PHS funding components to ensure the humane care and use of animals in PHS-supported research, testing, and training. During this session, participants will actively engage in small groups with the NIH OLAW staff to work through a variety of scenarios involving NIH OLAW guidance, Animal Welfare Assurances, and reporting noncompliance. This session will provide an opportunity for attendees to:

- Ask questions of an NIH OLAW representative
- Learn about the top deficiencies reported to NIH OLAW and how the organization handles these reports
- Participate in an open discussion about issues relevant to NIH OLAW stakeholders

Icon Key

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-  Sessions span two time periods
-  CPIA recertification credit
-  Call for Session Proposals

-  New in 2018
-  Recorded for proceedings
-  Pre-registration required

C3: Developing and Maintaining a Positive and Productive Communication Environment in an Animal Care and Use Program (Communication and Networking Track)

Jo Ann Henry, Grant Lyon

Developing and maintaining a positive communication environment is the foundation upon which a culture of compliance can be built. During this session, speakers and attendees will engage in small group work and mock exercises to:

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

Delaware AB



C4: CO2 Euthanasia: What to Do When Research Findings and the American Veterinary Medical Association (AVMA) Guidelines Conflict? (Hot Topics and Emerging Trends Track)

Natalie A. Bratcher, Neera V. Gopee, Debra L. Hickman

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

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

Delaware CD

C5: Helpful Tips for Implementing a Web-Based Protocol Management System (IACUC Administration/Management and Process Track)

Elaine K. Kim, Cyndi Rosenblatt, Aubrey Schoenleben

Elaine K. Kim, Cyndi Rosenblatt, Aubrey Schoenleben

Web-based solutions are widely used to manage the protocol review and approval process. During this session, speakers and attendees will discuss, compare, and contrast their experiences with the process of implementing a web-based protocol management system, from planning, through implementation, to continuing maintenance, as well as participate in an extensive question and answer session.

Attendees should have a basic understanding of IACUC functions and responsibilities, and protocol review workflow before attending this session. During this session, speakers and attendees will:

- Explore the pros and cons of using a web-based protocol management system
- Share strategies for selecting a system that best fits your needs, taking into account committee, researcher, and institutional needs
- Describe the steps and personnel involved in system development and implementation
- Discuss post-implementation needs, including routine data transfer to other online systems, report generation, updating forms based on new regulations, etc.

Knox



C6: Administration of the Institutional Biosafety Committee (IBC) and the Institutional Review Entity (IRE) (IACUC Administration/Management and Process Track)

Michelle Aparicio, Natalie L. Mays, Jennifer A. Perkins

Michelle Aparicio, Natalie L. Mays, Jennifer A. Perkins

Many IACUC administrative personnel are charged with additional responsibilities, such as providing support for the IBC and the IRE.

Speakers will discuss ways to manage support for these committees while maintaining regulatory compliance and reducing administrative burden. Attendees should have an understanding of the functions of the IBC and the IRE and how they interact with the IACUC before attending this session. During this session, speakers and attendees will:

- Review the responsibilities of and similarities between the IACUC, IBC, and IRE
- Share strategies for how to provide administrative support for institutional adherence to the NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules and the US Government Policy for Oversight of Life Sciences Dual Use Research of Concern

Union AB



C7: IACUC Deliberations Using Wildlife Scenarios - Part II (Oversight of Non-Typical Animals and Situations Track)

John A. Bryan, II, Nicolette Petervary, Robert S. Sikes, Axel V. Wolff

This two-part session will use scenarios as learning tools for principal investigators and IACUC members, including those who focus on taxa ranging from fish to mammals. The scenarios will allow attendees to discuss situations where specific guidance is not often available either because the situation is new or unique or because relevant information does not exist for the species under study, and share practical strategies for handling similar problems in different wildlife species. Participants should have a thorough understanding of the applicable policies and regulations for working with wildlife before attending this session (attendees without such knowledge are encouraged to attend A8: IACUC Basics for the Use of Wildlife in Research and Education first). During part II of this session, speakers and attendees will:

- Discuss how to evaluate capture techniques
- Review killing as a form of data collection
- Address humane killing/euthanasia in the field

Note: Part I of this session will take place on March 20 from 3:00-4:15 PM (session B7).

Marion



Advanced

Icon Key

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Sessions span two time periods



CPA recertification credit



Call for Session Proposals



New in 2018



Recorded for proceedings



Pre-registration required

C8: Compassion Fatigue - Part II (Program Management Track)

Marian A. Esvelt, Anthony Gray, Raphael A. Malbrue

This two-part session will cover what IACUCs should be aware of in terms of compassion fatigue, including what it is and how it impacts an animal care and use program. During part II of this session, speakers and attendees will:

- Discuss the different ways that individuals may respond to compassion fatigue
- Evaluate ways to measure and evaluate compassion fatigue
- Share successful strategies for coping with compassion fatigue at the individual and institutional level

Note: Part I of this session will take place on March 20 from 3:00-4:15 PM (session B9).

Madison



C9: The Protocol Form: A Critical Factor in Getting What You Need from Investigators (Protocol Review Track)

Toni O'Connell, Anthony R. Yonkura

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

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

Union E



C10: Regulatory Nirvana: An Engaged Research Team Committed to Compliance and Beyond

(Training and Qualifications Track)

F. Claire Hankenson, Bruce W. Kennedy, William Singleton

When technical proficiency in the care and use of research animals is met, we move closer to the coveted goals of assuring compliance, qualifying personnel, meeting regulatory mandates, and improving both animal welfare and research quality. This cannot be easily accomplished without a training program that is comprehensive and consistently executed with excellence. As we know, federal regulations and recommendations clearly define the need for training, but that can be perceived as a burden; however, by adding "soft" skills to engage the research team, the trainer and the IACUC can enhance their capability to meet their goals and, when exceeded, achieve a higher "state" of compliance nirvana. Attendees should have an understanding of the regulatory mandates for training before attending this advanced session. Using active learning scenarios, speakers and attendees will:

- Describe proven mechanisms to assess a researcher's technical competence
- Discuss ways in which staffing, metrics, time, resources, and documentation influence the development of an assessment program to improve compliance
- Emphasize the institution's role in assuring regulatory compliance and technical competence and provide examples to fulfill it (e.g., culture, the institutional official, support, the 3Rs, etc.)
- Identify and develop strategies for helping stakeholders in the research community better understand their role in improving animal care and welfare through compliance and proficiency obtained through training

Franklin AB



Advanced

C11: Exploring and Enhancing Diversity Within the Animal Care and Use Program - Part II

(Communication and Networking Track)

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

PRIM&R's commitment to diversity is a core value, and it will be supported in this two-part session. In part II, speakers and attendees will brainstorm and strategize how to assist organizations and institutions in creating structures and practices that ensure a diverse workplace. During part II of this session, speakers and attendees will:

- Expand on "Why Diversity Matters" in the biomedical community
- Examine mechanisms to increase diversity competencies at an institution
- Explore training strategies that engage committee members in designing or participating in training (e.g., what does each IACUC member know that could be useful to educating other members, researchers, students, or members of the animal care and use staff?)
- Review what structures and practices are needed to help organizations and institutions reap the benefits of diversity and inclusion (i.e., because they are included in how things are done versus being the effort and goodwill of particular individuals at an institution)

Note: Part I of this session will take place on March 20 from 11:15 AM-12:30 PM (session A3).

Morrow



C12: Unfinished Business in Laboratory Animal Ethics (Hot Topics and Emerging Trends Track)

Steven M. Niemi

Too often, ethical elements of laboratory animal care and use are limited to acknowledging the 3Rs and applying them in a rote manner for regulatory compliance. The intent of this session is to explore how the moral basis of IACUC activities can be strengthened by challenging conventional assumptions of adequate oversight and not simply equating compliance with good science and good animal welfare. During this session, speakers and attendees will:

- Discuss how humane protocol endpoints can be considered and included more often in the process
- Consider how effective participation by nonaffiliated IACUC members can benefit the process
- Review how to use performance standards that are more beneficial or equally acceptable versus a passive employment of engineering standards established by the Animal Welfare Act and the Guide

Union CD



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Sessions span two time periods



CPIA recertification credit



Call for Session Proposals



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Recorded for proceedings



Pre-registration required

5:45-7:00 PM

IACUC18 Welcome Reception

Celebrate the opening of IACUC18. During this time, attendees will be able to meet the conference Supporters and Exhibitors. Light refreshments will be served. PRIM&R would like to thank Bad Rabbit Consulting for helping to support the drink tickets for this event.

Regency Foyer

5:45-7:00 PM

Meet the IACUC18 Poster Authors

Visit the authors of posters featured in the IACUC18 Poster Program and learn more about their innovative and important work in the field. Presentation of the posters promotes interdisciplinary sharing and collaboration, and facilitates the exchange of ideas, information, and practical strategies for managing the many challenges faced by animal care and use professionals.

Regency Ballroom

7:15-8:15 PM

Young Professionals Networking Reception

Connect with other young professionals interested in research ethics and animal care and use, and relax after a busy day at the conference at Denmark on High located at 463 N. High Street, Columbus, OH, 43215. A complimentary drink ticket will be provided in your registration materials. All attendees are welcome, but drink tickets will be provided for young professional registrants only.

*Denmark on High
(offsite)*

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CPIA recertification credit



Call for Session Proposals



New in 2018



Recorded for proceedings



Pre-registration required

7:00 AM-12:30 PM
On-Site Check-In Open

Regency Foyer
(Help Desk only)

7:00 AM-8:00 AM
Attendee Breakfast

Regency Foyer

Breakfast will be provided by PRIM&R in the Regency Foyer, and seating will be available in the Regency Ballroom.

7:00 AM-8:00 AM

Breakfast: Everything You Wanted to Know About the CPIA® Credential

Michelle Aparacio, Tanise L. Jackson, Justin Lahmers, Richelle L. Scales, Sally Thompson-Iritani

During this breakfast session, members of the CPIA Council, a recently certified individual, a recently recertified individual, and attendees will discuss obtaining the CPIA credential and the recertification process. This session is geared toward individuals who are responsible for IACUC administrative functions and who will be eligible to take the certification exam in the next one to two years. Pre-registration is required. During this breakfast session, speakers and attendees will:

Delaware CD



- Discuss the CPIA program and its value
- Go over exam preparation techniques and what to expect on exam day
- Share first-hand advice from a recently certified individual
- Review the path to recertification

8:00-8:05 AM

Welcome from the IACUC18 Co-Chairs

Jori K. Leszczynski, Natalie L. Mays

Regency Ballroom



8:05-8:10 AM

CPIA® Update

Tanise jackson

Regency Ballroom



8:10-9:00 AM

Keynote Address: Game Changer: A Boy, a Dog, and a Cure

Martin (Casey) K. Childers, DO, PhD, Professor, Department of Rehabilitation Medicine; Co-Director, Institute for Stem Cell and Regenerative Medicine, University of Washington, and Alison Rockett Frase, President, Joshua Frase Foundation

Regency Ballroom



9:00-9:30 AM

Beverage Break With the Supporters and Exhibitors

PRIM&R would like to thank Huron Consulting Group for helping to support this break.

Regency Foyer

9:30-10:45 AM

Panel II: Options/Opportunities to Address Regulatory/Administrative Burden

Moderator: *B. Taylor Bennett*

Panelists: *Patricia A. Brown, Joseph R. Haywood, Sally Thompson-Iritani*

This panel will provide a discussion on the options and opportunities for institutions and the biomedical research community to address issues related to regulatory/administrative burden. The language contained in Section 2034 of the 21st Century Cures Act directs leadership of NIH, USDA, and the FDA to “complete a review of applicable regulations and policies for the care and use of laboratory animals and make revisions, as appropriate, to reduce administrative burden on investigators while maintaining the integrity and credibility of research findings and protection of research animals.” The review is to be completed within two years of the bill’s enactment. This bill provides the biomedical research community with a unique opportunity to have input into the process and, to that end, the Federation of American Societies for Experimental Biology (FASEB), the Association of American Medical Colleges (AAMC), and the Council on Governmental Relations (COGR), with the assistance of the National Association for Biomedical Research (NABR), prepared a report, in part, in response to the language in the 21st Century Cures Act with recommendations on how to reduce the regulatory/administrative burden on animal care and use programs (*Reforming Animal Research Regulations: Workshop Recommendation to Reduce Regulatory Burden*). In addition, under the auspices of the Federal Demonstration Project, the Compliance Unit Standard Procedure (CUSP) Project was developed as an option to address administrative burden at the institutional level. The goal of this project is to create a repository where participating institutions can share standard substances information and procedures used in animal care and use protocols with the broader animal welfare compliance community. This panel will consist of three presentations: an overview of the AAMC, FASEB, COGR, and NABR report; an update on the work being done by the NIH, USDA, and FDA in response to the mandate in the 21st Century Cures Act, and an overview of the CUSP Project.

Regency Ballroom



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- Sessions span two time periods
- CPIA recertification credit
- Call for Session Proposals

- New in 2018
- Recorded for proceedings
- Pre-registration required

10:45-11:00 AM
Break

Breakout Sessions – Series D, 11:00 AM-12:15 PM

D1: Reaching Consensus on Studies That May Involve Unalleviated Pain and Distress

(Animal Well-Being and the 3Rs Track)

James Marx, Joanne Tetens-Woodring

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

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

Union CD



Advanced

D2: Developing and Implementing Proactive Communication Strategies Surrounding the Use of Animals in Biomedical Research (Communication and Networking Track)

Matthew R. Bailey, Allyson J. Bennett, Ken Gordon, Jennifer A. Perkins

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

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

Franklin C



D3: A Time to Connect: A Conversation With USDA, APHIS, Animal Care (Communication and Networking Track)

Kathy Campitelli, 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
- Learn about the most frequently cited items of noncompliance and any noticeable changes or trends in the inspection process
- Participate in an open discussion about issues relevant to USDA, APHIS, Animal Care stakeholders

Delaware AB



D4: Options/Opportunities to Address Regulatory/Administrative Burden (Hot Topics and Emerging Trends Track)

B. Taylor Bennet -- SF, Patricia A. Brown, Molly Greene, Joseph R. Haywood, Sally Thompson-Iritani

This session is a follow-up to the panel II on the same topic. During this session, speakers and attendees will:

- Discuss in more detail the report developed by the Federation of American Societies for Experimental Biology, the Association of American Medical Colleges, the Council on Governmental Relations, and the National Association for Biomedical Research in response to language in the 21st Century Cures Act about recommendations to reduce the regulatory/administrative burden of animal care and use programs
- Review the work of the committee mandated under the 21st Century Cures Act to review the policies and regulations for the care and use of laboratory animals and, where appropriate, revise those policies and regulations to reduce burden placed on investigators, while protecting research animals and maintaining the integrity and credibility of research findings
- Share details about pertinent and current Requests for Information on reducing regulatory burden, and the process for responding to those requests

Delaware CD



D5: Incorporating Quality Customer Service Into IACUC Administration

(IACUC Administration/Management and Process Track)

Melinda Bruns, Chris Dillon, Sally E. Light

This interactive session will provide ideas on achieving quality customer service. During this session, speakers and attendees will:

- Define customer service in animal care and use programs
- Review educational tools and resources for providing quality customer service
- Share effective communication tips to provide quality customer service

Madison



Basic

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Sessions span two time periods



CPIA recertification credit



Call for Session Proposals



New in 2018



Recorded for proceedings



Pre-registration required

D6: Meeting the Challenges in IACUC Administration: Case Studies in Handling Complex Compliance Issues/Situations - Part II (IACUC Administration/Management and Process Track)

Dana M. Miller, Eileen M. Morgan, Stacy Pritt

Many IACUC administrators, members, and staff struggle with how to handle noncompliance and animal welfare concerns and what the IACUC should consider when reviewing these concerns. In the second part of this two-part session, speakers and attendees will work through case studies on noncompliance and animal welfare concerns, and discuss possible ways to handle these complex situations. Attendees should have a sound working knowledge of the IACUC and the regulations that provide guidance before attending this session. Important to the session are well-versed IACUC administrators who can share their experiences with noncompliance and animal welfare issues. During part II of this session, speakers and attendees will:

- Discuss and analyze simulated, problematic scenarios when animal welfare concerns are brought to the attention of the IACUC
- Formulate possibilities for gathering information and resolution
- Discuss potential action that could be taken to address repeat occurrences

Note: Part I of this session will take place on March 20 from 3:00-4:15 PM (session B6).

Franklin AB



Advanced

D7: IACUC Deliberations Involving Wildlife in Management Versus Research Decisions

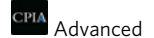
(Oversight of Non-Typical Animals and Situations Track)

Laurence B. Istvan, Elaine K. Kim, Nicolette Petervary, Tracy A. Thompson, Axel V. Wolff

This session will focus on the issues IACUCs and investigators face when animals are used for both wildlife management and research. Collecting data tailored for both management and research purposes maximizes benefit per capture, but also imposes challenges for the IACUC where their responsibilities are confined to research, teaching, and testing. These topics will be addressed primarily through scenarios about these gray areas. Attendees are expected to have sufficient experience and understanding to actively contribute to the discussion of and solution to these difficult problems by building knowledge from earlier wildlife breakout sessions. During this session, speakers and attendees will:

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

Marion



Advanced

D8: IACUC Challenges Involving Farm Animals in Agricultural Research and Education

(Oversight of Non-Typical Animals and Situations Track)

F. Claire Hankenson, Juliette Hanson

Agricultural animal species (e.g., sheep, swine, cattle, etc.) present unique challenges and considerations for the IACUC, especially when used at complex academic institutions with a variety of missions to accomplish. This session will cover matters common to the IACUC's review of such protocols, whether for teaching or research. Attendees will be provided with scenarios and broken into small groups to participate in an open forum discussion. During this session, speakers and attendees will:

- Review safety considerations and training when using agricultural animals
- Assess occupational health aspects regarding zoonoses and handling
- Discuss the re-use of animals for a variety of teaching purposes
- Evaluate options for euthanasia and the final disposition of animals

Knox



D9: Program Review and Facility Inspections (Program Management Track)

Monica L. DeFeo, Tracy M. Heenan, William S. Stokes, Venita B. Thornton

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

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

Note: this session will be offered a second time on March 20 from 11:15 AM-12:30 PM (session A9).

Franklin D



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- Sessions span two time periods
- CPIA recertification credit
- Call for Session Proposals

- New in 2018
- Recorded for proceedings
- Pre-registration required

D10: Inter-Institutional Collaborations and Memoranda of Understandings (MOUs) (Program Management Track)

Doreen E. Bartlett, William G. Greer, Grant Lyon

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

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

Union E



D11: Significant Changes and Veterinary Verification and Consultation (VVC): What's Working, What's Not (Protocol Review Track)

Jori K. Leszczynski, Brent C. Morse, Gwen Waddingham

The Significant Changes Guidance has the potential to allow institutions to more rapidly respond to the changing needs of investigators, especially with regards to changes in items that fall under the traditional veterinary purview of analgesics and anesthetics as part of the VVC sections of the guidance. Attendees should review the two OLAW webinars on this topic before attending this session. Through the use of case-based discussions, speakers and attendees will:

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

Union AB



Advanced

D12: How to Train Your IACUC: Keys to Developing a Successful IACUC Member Training Program - Part I (Training and Qualifications Track)

Samantha Augustowski, Jennifer F. Iwamoto

The *Guide* charges institutions with the daunting task of adequately training their IACUC members on everything from animal use laws and regulations, to protocol and program review, to inspection of animal facilities. This can raise questions such as: Which topics should be prioritized and how should priority be determined? What are the benefits of using pre-existing training materials versus developing training content in-house? Which learning strategies are most effective for different types of information? Can training opportunities be leveraged from unexpected sources? In the first part of this two-part session, participants will hear about successful IACUC member training programs at various institutions and will share their own examples and experiences. During part I of this session, speakers and attendees will:

- Share successful strategies, learning approaches, and formats for IACUC member training, and potential topics for training
- Discuss how and when to utilize various learning strategies (e.g., active learning, didactic, online, etc.)
- Review potential obstacles to a successful training program and how to address them

Note: Part II of this session will take place on March 21 from 1:45-3:00 PM (session E11).

Morrow



12:15-1:45 PM

Attendee Open Lunch Period

During this time, attendees will eat lunch on their own. Learn more about dining options in the hotel and area [on](#) page 6 of the conference guide.

E1: Understanding, Monitoring, and Maintaining the Psychological Health of Research Animals: How Scientific Evidence Can Inform Understanding, Practices, and Policies (Animal Well-Being and the 3Rs Track)

Allyson J. Bennett, Kathleen R. Pritchett-Corning, Janet D. Steward

In an attempt to improve animal welfare, IACUCs and veterinarians have spent several decades concentrating their efforts on increased compliance and ensuring that the basic needs of animals used in research are met. Conversely, not as much time has been spent on understanding how to use evidence and ongoing scientific research to inform practices and address psychological well-being in all species. This session will include a discussion on the study of psychological processes in other animals and how the findings, theoretical frameworks, and perspectives of psychological science can inform evidence-based practices. During this session, speakers and attendees will:

- Discuss contemporary views of psychological well-being and its measurement, including what we know/don't know
- Outline how to fill the gap with practices informed by evidence and individuals trained in psychology and animal behavior
- Review what training can be provided for clinicians, researchers, IACUCs, and others involved in decisions about practices that affect psychological well-being

Delaware CD



Icon Key

Basic: Introduction of a topic for those with little or no knowledge; focus is on introducing, explaining, and illustrating basic concepts, principles, regulations, policies, or best practices.
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Sessions span two time periods



CPA recertification credit



Call for Session Proposals



New in 2018



Recorded for proceedings



Pre-registration required

E2: Time to Connect: A Conversation With AAALAC International (Communication and Networking Track)

Gary L. Borkowski

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

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

Union CD



E3: Open Forum for IACUC Chairs (Communication and Networking Track)

Chris Dillon, Peter J. Reiser

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

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

Knox



E4: Compliance Unit Standard Procedure (CUSP) Project (Hot Topics and Emerging Trends Track)

Aubrey Schoenleben, Sally Thompson-Iritani

Under the auspices of the Federal Demonstration Partnership, the CUSP Project offers an option to address administrative burden at the institutional level. The goal of the project is to create an online repository where institutions can share standard substances and procedures used in animal care protocols with the broader animal welfare compliance community. During this session, speakers and attendees will:

- Review an in-depth analysis of the CUSP Project, including its uses and structure
- Examine how data will be organized and how to import and export it
- Discuss the responsibilities of participants using the system
- Share information on the current status, future timelines, and what attendees should watch for moving forward

Union E



E5: Effectively Identify, Track, and Report Departures: Meeting OLAW and USDA Requirements (IACUC Administration/Management and Process Track)

Patricia A. Brown, Richelle L. Scales, William S. Stokes

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This session will involve active learning activities on departures from OLAW and USDA Requirements. In small groups, speakers and attendees will:

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

Franklin D



E6: Using Simple Data to Improve IACUC Operations (IACUC Administration/Management and Process Track)

Laurence B. Istan, Krishnan Kolappaswamy, Steven M. Niemi

IACUCs and their support offices face constant challenges "to do more with less," to reduce burden on researchers (and themselves), and to protect animal welfare from myriad possible threats. Data, gathered and analyzed using simple means, can be highly useful for understanding problems, formulating solutions, and proving results. Using a mix of case studies and audience challenges, attendees will learn how to use data to move IACUC operations beyond gut instinct and tribal knowledge, as well as gain specific data tools that can be applied at their institution. During this session, speakers and attendees will:

- Review examples of how data can be used to improve processes, reduce burden, and protect animal welfare
- Outline simple rules and tools for collecting data, how to analyze it, and how to apply the results
- Evaluate common IACUC problems and demonstrate how data could be used to address them

Franklin AB



Basic

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E7: Research Involving Wild Fish and Amphibians (Oversight of Non-Typical Animals and Situations)

Doreen E. Bartlett, Phillip M. Harris

Madison



Research activities with wild fish or amphibians can be messy, as it often involves an unpredictable number of species and that vary with climate, time of year, and population dynamics. Species used for research may also serve as human or animal food either through commercial harvest or private take. What are the issues IACUCs should consider when reviewing these protocols? During this session, speakers and attendees will:

- Discuss the ways IACUCs can handle unpredictable numbers and species, and the authorizations needed to allow flexibility
- Review the issues associated with euthanasia or the humane killing of aquatics in the wild
- Address how to ensure wild populations are not inadvertently impacted by research activities

E8: IACUC Challenges for Small Organizations (Program Management Track)

Bruce W. Kennedy, Felicia Ponce

Union AB



This session will be a networking and idea sharing opportunity for attendees from small institutions. Speakers and attendees will focus on how to manage an IACUC with limited resources, creative solutions for challenges inherent to small organizations, and common sources of administrative burden. During this session, speakers and attendees will:

- Share ideas about how to manage a small program
- Evaluate how to avoid conflict of interest when serving multiple roles
- Explore the use of consultants to fill roles for the IACUC and attending veterinarian

E9: Developing Collaboration Between IACUC, Research Safety, and Veterinarians to Improve Safety, Compliance, and Efficiency of the University Animal Care and Use Program (Program Management Track)

William G. Greer, Mandy Kozlowski, Marina Zelivyanskaya

Franklin C



This session will focus on how to establish risk assessment for hazardous chemical and biological compounds in animal studies. It will provide ideas on how to efficiently organize safety information that will be accessible for investigators and the best way to monitor if investigators follow the safety guidelines included in their animal protocols. In addition, this session will review the importance of a constructive dialogue between IACUC, research safety, and veterinarians, and how it helps keep investigators in compliance with safety policy and creates a university-wide safety culture and protection of human health. During this session, speakers and attendees will:

- Discuss risk assessment for chemical and biological hazardous agents used in animal protocols and the specific procedures associated with it
- Outline ways to organize safety information so it is easily accessible to investigators and to increase consistency and efficiency of animal protocols review
- Share various options for establishing post-approval monitoring to determine if safety precautions written in animal protocols are followed

E10: Practical Strategies for Decreasing Regulatory Burden in Protocol Review (Protocol Review Track)

B. Taylor Bennett, Brent C. Morse, Dawn E. O'Connor

Delaware AB



Advanced

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

- Review sources of regulatory and self-imposed burden
- Discuss recommendations from the *Reforming Animal Research Regulations* report
- Explore strategies of burden reduction without sacrificing compliance and animal welfare

E11: How to Train Your IACUC: Keys to Developing a Successful IACUC Member Training Program - Part II (Training and Qualifications Track)

Samantha Augustowski, Jennifer F. Iwamoto

Morrow



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- Review basic presentation skills and tips for IACUC trainers, and how to work in several effective active learning techniques
- Develop implementation strategies to bring back to your institution

Note: Part I of this session will take place on March 21 from 11:15 AM-12:30 PM (session D12).

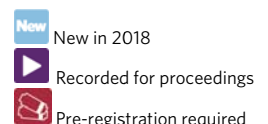
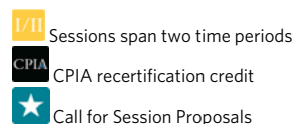
3:00-3:15 PM

Beverage Break With the Supporters and Exhibitors

Regency Foyer

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3:15-4:30 PM

Panel III: The Research Community’s Roles and Responsibilities in Outreach and Advocacy: How can the IACUC Contribute to Public Understanding?

Moderator: *Jennifer A. Perkins*

Panelists: *Matthew R. Bailey, Allyson J. Bennett, Ken Gordon*




This panel will review outreach and advocacy for IACUC members, and provide a toolkit that will help attendees speak about science and animal research at the national and local level. This session will also provide guidance about communicating across generations. Panelists will specifically discuss: national campaigns that support public education and dialogue about animal research and how one can participate; institutional obligations for the use of animals in research, IACUC communication, and transparency to serve public interests and understanding; and how to understand generational differences and viewpoints when advocating for science and, in particular, research involving animals.




Regency Ballroom



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