

2012 IACUC Conference

March 20-21, Boston, MA
Pre-Conference Programs March 18-19

Assuring Compliance while Facilitating Research: Keeping a Healthy Tension

Sunday, March 18

- 11:00 AM **Registration opens** Harbor Ballroom Foyer
- 12:00-5:30 PM **Pre-conference Program: Essentials of IACUC Administration** Harbor Ballroom III
(Continued on March 19)

Monday, March 19

- 7:00 AM **Registration opens** Elm Registration 1-2
- 7:00-8:15 AM **Continental breakfast** Grand Ballroom CDE
- 8:00 AM-5:30 PM **Pre-conference Program: Essentials of IACUC Administration** Commonwealth AB
(Continued from March 18)
- 8:15 AM-5:00 PM **Pre-conference Program: IACUC 101** Grand Ballroom AB
- 5:00-6:30 PM **Pre-conference Program Networking Reception** Grand Ballroom Foyer

Tuesday, March 20

- 7:00 AM **Registration opens** Elm Registration 1-2
- 7:00-8:00 AM **Continental breakfast** Galleria Hall
- 7:00-8:00 AM **Continental Breakfast to Welcome our First-Time Attendees** Harbor Ballroom I
Hoping to connect and network with other first-time attendees before the conference starts? If so, please join us at this breakfast, where you can get to know other first-timers and learn from PRIM&R staff about the ins and outs of the conference. All first-time conference attendees are welcome! In order to ensure we have enough seats and meals, we require attendees to sign up for this event in advance. Please register online, or email us at registration@primr.org, and we'll be sure to save you a seat!
- 8:00-8:15 AM **Welcome and Conference Overview** Grand Ballroom AB
- 8:15-9:00 AM **Keynote Address: Bernard Rollin, PhD** Grand Ballroom AB
University Distinguished Professor, Colorado State University
- 9:00-10:15 AM **Panel I: Strategic Communications: Responses to Current Tactics Against Animal Research** Grand Ballroom AB
Moderator: Claire Hankenson
Panelists: Andrew Cardon, Laura Conour, Charles "Robin" Hogen, Andrew Rowan
Descriptor: This session will examine current tactics employed by animal activist organizations to target institutions and individuals. Some of these tactics involve the misuse of available information, the use of creative lawsuits and legal strategies, and the application of technology to harass individuals and organizations. The panelists will identify commonly used tactics, suggest strategies to deal with those tactics, and provide insight into how their institutions have handled being targeted.

📢 Indicates didactic session (attendees mostly listen...)	🗣️ Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

10:45 AM-12:00 PM: Didactic Sessions and Workshop Series A

🔊 A1 The IACUC’s Role in Reviewing and Promoting Enrichment Strategies Stone

(Animal Well-Being and the Three Rs Track)

Faculty: Jennifer Camacho, Christina Winnicker

Descriptor: What is the IACUC’s role in reviewing and promoting enrichment strategies? In this interactive, advanced session, faculty and attendees will discuss:

- The role and responsibility of the IACUC, including what is required, minimal, optimal, and beneficial.
- What are considered the best practices for nonhuman primates (e.g. complex and novel environments or social housing), and rodents (e.g. social housing and species typical behavior).
- Performance criteria and how to use assessment data.
- The use of exemptions.
- Reporting requirements.

🔊 A2 Justification of Animal Numbers: What’s Required, What’s Practical, and How to Find that “Magic” Minimum Grand Ballroom C

(Animal Well-Being and the Three Rs Track)

Faculty: Sam Cartner, Beth Ford, Susan Silk

Descriptor: How do we use numbers? This interactive, advanced session will provide attendees with an introduction to the regulatory requirements for justification of animal numbers used in research and an opportunity to:

- Examine resources available to IACUC personnel when reviewing and approving protocols.
- Explore number tracking and assignment to specific categories to ensure compliance and meet reporting requirements.
- Discuss challenges posed by working with collaborators, transferring between protocols, and assuring prospective pain categories are consistent with retrospective experience.
- Participate in an open dialogue with faculty about what works and what doesn’t.

🔊 A3 The Use of New Technologies as Refinement Techniques Faneuil

(Animal Well-Being and the Three Rs Track)

Faculty: Szczepan Baran, Leticia Medina

Descriptor: In this session, faculty will:

- Provide an update on simulation training, human medical training, and veterinary medical training.
- Discuss the use of animals in simulated training for humans.
- Discuss minimally invasive surgery using endoscopy.

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

- A4 Panel Follow-Up: Responses to Current Tactics Against Animal Research** *Revere*
 (Communication and Advocacy Track)
Faculty: Andrew Cardon, Laura Conour, Charles “Robin” Hogen, Claire Hankenson, Andrew Rowan
Descriptor: This interactive session will be a follow-up to *Panel I: Strategic Communications: Responses to Current Tactics Against Animal Research*, and will provide attendees with an opportunity to discuss specific issues or concerns with the panelists. Panelists and attendees will discuss:
- The changing tactics employed by activists and ways to deal with those tactics.
 - The ways different institutions deal with being the target of activist groups.
 - How to handle the media attention that being a target creates.
- A5 Open Forum for Laboratory Animal Veterinarians** *Alcott*
 (Communication and Advocacy Track)
Faculty: Alicia Karas, Arthur Lage
Descriptor: Laboratory animal veterinarians in the US are in a unique position compared to many of their colleagues in other countries in that they have been granted a tremendous amount of responsibility and authority for managing their institution’s animal care and use programs. In this interactive session, faculty and attendees will:
- Discuss the challenges that arise in exercising their responsibilities and authority.
 - Explore options for dealing with those challenges.
- A6 Advocating for Sound Public Policy for Animal-Based Research** *Paine*
 (Communication and Advocacy Track)
Faculty: Matt Bailey, Taylor Bennett
Descriptor: This interactive session will review the key legislative and regulatory issues that impact the biomedical research community, and the role the members of that community can play in advocating for sound public policy. Faculty and attendees will:
- Discuss the current legislative and regulatory issues and what impact they will have on the biomedical research community.
 - Review the mechanisms in place for advocating on behalf of the biomedical research community.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	 Indicates session will be taped for Conference Proceedings



A7 Wildlife Protocol Oversight, Including Special Challenges When Conducting Field Studies *Carlton*

(*Hot Topics, Trends, and Special Issues Track*) [Please note this is a double session and will end at 1:00 PM. Please pick-up your boxed lunch before proceeding into the session room. Pre-registration is required to attend and a lunch ticket will be included on your name badge.]

Faculty: *John Bryan II, Jon Geller, Robert Sikes*

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

- Discuss new developments directly relevant to those who use wild animals, such as the revision of the AVMA euthanasia guidelines.
- Sort out whether the ILAR guide pertains to wildlife
- Review the special circumstances IACUCs face when reviewing field studies, including: distress and mortality during capture or marking; longer-term consequences of handling or marking; logistical details of anesthesia and analgesia; safety of research personnel; periodic evaluation and oversight responsibilities; and more.

A8 Helpful Hints for Preparing the New AAALAC International Program Description *Grand Ballroom D*

(*Hot Topics, Trends, and Special Issues Track*)

Faculty: *Barbara Garibaldi, William King*

Descriptor: In this session, faculty will:

- Review how to best tackle preparing the new program description in preparation for an AAALAC site visit. prepare
- Reflect on experiences using AAALAC’s new program description format.



A9 Where the Rubber Meets the Road! Challenging Scenarios and Complex Issues *Otis*

(*IACUC Administration/Management and Process Track*) [Please note this is a double session and will end at 1:00 PM. Please pick-up your boxed lunch before proceeding into the session room. Pre-registration is required to attend and a lunch ticket will be included on your name badge.]

Faculty: *Jaimie Graff, Holly McEntee*

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

- Work through simulated problem scenarios.
- Explore possibilities for resolution without conflict.
- Discuss specific scenarios attendees have faced.



A10 IACUC Administrators Share and Compare Ideas, Processes, and SOPs *Harbor Ballroom III*

(*IACUC Administration/Management and Process Track*) [Please note this is a double session and will end at 1:00 PM. Please pick-up your boxed lunch before proceeding into the session room. Pre-registration is required to attend and a lunch ticket will be included on your name badge.]

Faculty: *Natalie Mays, Cindy Hoorn, Marilyn Brown*

Descriptor: This advanced, interactive double session will provide attendees an opportunity to:

- Discuss ideas and processes with seasoned IACUC personnel.
- Hear how others tackle tough day-to-day problems.
- Gather ideas from administrators from small, medium, and large institutions.

Indicates didactic session (attendees mostly listen...)	Indicates workshop (attendees talk too!)
Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

- 🔊 **A11 IACUC Meeting Minutes: What is Required? What’s Enough? What’s Too Much?** (*IACUC Administration/Management and Process Track*) *Grand Ballroom E*
Faculty: *Marcy Brown, Justin McNulty*
Descriptor: In this interactive session, faculty and attendees will:
- Share ideas regarding preparing minutes that meet the requirements.
 - Discuss how to ensure that minutes are FOIA-ready
 - Share strategies for reducing unnecessary self-imposed regulatory burdens.
- 🔊 **A12 The Boundaries of IACUC Jurisdiction** (*IACUC Administration/Management and Process Track*) *Harbor Ballroom II*
Faculty: *Rob Anderson, Jerry Collins, JR Haywood*
Descriptor: This interactive session will provide faculty and attendees an opportunity to participate in a lively discussion of:
- What you must do and what you should not do while negotiating the fine balance of meeting the regulatory requirements.
 - Jurisdictional issues between the IACUC, the Institutional Biosafety Committee (IBC), the Environmental Health and Safety (EHS) office, and the grants office, including how to determine whose requirements take precedence, and who is responsible for what.
 - Avoiding noncompliance.
 - Preventing self-imposed regulatory burden.
- 🔊 **A13 Strategies for Ensuring Your IACUC Is a Customer Service-Oriented Organization** (*IACUC Administration/Management and Process Track*) *Griffin*
Faculty: *Donna Jarrell, Jennifer Perkins*
Descriptor: In this interactive session, faculty and attendees will:
- Discuss the IACUC as one of many committees and/or offices with which an investigator must interact in order to manage his or her research program.
 - Explore how making interactions as positive and supportive as possible can help foster the culture of compliance that is essential for optimizing an institution’s research environment.
- 🔊 **A14 Reporting Structures for IACUC Staff** (*IACUC Administration/Management and Process Track*) *Bulfinch*
Faculty: *Bruce Kennedy, Cyndi Rosenblatt*
Descriptor: This interactive session will allow attendees an opportunity to explore various lines of authority and organizational reporting structures for the IACUC staff, including:
- Direct report to the Institutional Official (IO).
 - Report to the IACUC Chair.
 - Report to the Attending Veterinarian (AV).

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

-  **A15 Post-Approval Monitoring (PAM): Purpose and Process** *Commonwealth C*
(Program Oversight Track)
Faculty: *Melissa Hunsley, Donna Pulkrabek*
Descriptor: In this interactive session, faculty and attendees will:
- Discuss the PAM process, including who could and should conduct the monitoring and who could and should be monitored.
 - Review what activities and documents could and should be monitored and what instruments should be used to document the monitoring process.
 - Discuss the best way to conduct PAM, e.g., within laboratories or vivaria, via document reviews, and more.
-   **A16 Closing the Loop: Semi-Annual Evaluation Follow-Up and Institutional Official (IO) Reporting** *Hancock*
(Program Oversight Track)
Faculty: *Jennifer Delgado, Tracy Heenan*
Descriptor: In this interactive session, faculty and attendees will:
- Discuss how to keep the IO in the loop of the program review and inspection process in order to ensure institutional compliance.
 - Review ways to ensure that items in need of follow-up are completed in accordance with the findings of the committee.
-   **A17 Ensuring Congruency Between Grants and Protocols: Who, How, and When?** *Commonwealth B*
(Protocol Review Track)
Faculty: *Sandra Jensen, Marky Pitts*
Descriptor: In this session, faculty will:
- Review the requirements for assuring consonance between grants and contracts.
 - Discuss various mechanisms for developing and implementing a program to accomplish these goals.
 - Review Public Health Service guidance on vertebrate animals in regard to grants.
-  **A18 Training Programs for Research Personnel** *Adams*
(Qualifications and Training Track)
Faculty: *Nicole Duffee, Stacy Pritt*
Descriptor: In this interactive session, faculty and attendees will:
- Discuss best practices for efficient management of training programs that enable both large and small organizations to develop well-trained personnel.
 - Explore how to use every dollar in your training budgets effectively.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

🔊 A19 **A Dialogue With the United States Department of Agriculture’s Animal and Plant Health Inspection Service (USDA/APHIS)** *Commonwealth A*
(Updates: A Dialogue With... Track)
Faculty: Carol Clarke, Betty Goldentyer
Descriptor: 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. APHIS provides leadership for determining standards of humane care and treatment of animals. APHIS 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.
- Participate in an open discussion about issues relevant to USDA/APHIS stakeholders.

🔊 A20 **Serious or Continuing Noncompliance with PHS Policy and/or the Eighth Edition of the Guide** *Douglas*
(Updates: A Dialogue With... Track)
Faculty: Kathryn Bayne, Pat Brown
Descriptor: Attendees are encouraged to bring questions for this interactive session. Federal and private oversight body representatives will:

- Discuss what types of incidents constitute serious or continuing noncompliance with the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals
- Discuss reportable incidents under the Animal Welfare Regulations.
- Describe how serious deviations from the provisions of the Eighth Edition of the *Guide for the Care and Use of Laboratory Animals* will be handled during the phase-in period.
- Answer attendees’ questions regarding specific examples of incidents that may constitute serious deviations or reportable incidents, and discuss how to handle these issues in both the short and long term.

12:00–1:00 PM **Networking Luncheon... All are welcome!** *Galleria Hall*

12:00–1:00 PM **Research Ethics Book Group Lunch** *Harbor Ballroom I*
Participate in a vibrant discussion with your peers and keynote speaker Bernard Rollin, PhD, about his book [Putting the Horse before Descartes: My Life’s Work on Behalf of Animals](#). In order to ensure we have enough seats and meals, we require attendees to sign up for this event in advance. Please register online, or email us at registration@primr.org, and we'll be sure to save you a seat!

1:15–2:00 PM **Plenary Address: Core Principles for the Oversight of Animal Research** *Grand Ballroom AB*
Margaret Landi, VMD, Chief of Animal Welfare and Veterinary Medicine and Global Head of Laboratory Animal Science Platform Technology and Science, GlaxoSmithKline Pharmaceuticals

2:00–3:00 PM **Living Room Conversation: Post-Approval Monitoring (PAM): What’s the Point?** *Grand Ballroom AB*
Moderator: Steve Niemi
Panelists: Ron Banks, JR Haywood
Descriptor: The Eighth Edition of the *Guide* contains a subsection within the program oversight section on Post-Approval Monitoring (PAM). Since there is no specific mandate for a formal PAM program either in the Animal Welfare Regulations or the Public Health Service Policy, institutions often struggle with designing a program and finding the resources to implement it. This panel will explore the requirements, objectives, and implementation options for a PAM program.

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

3:00-3:15 PM Break

3:15-4:30 PM **Panel II: Oversight Updates: AAALAC International, OLAW, and USDA**

Grand Ballroom AB

Moderator: Tanise Jackson
Panelists: Pat Brown (OLAW), Betty Goldentyer (USDA)
 Chris Newcomer (AAALAC)

Descriptor: Members of this panel will provide “real time” updates, focusing on the age of enforcement and the impact of the publication of the Eighth Edition of the *Guide*. This session will also provide an opportunity for attendees to have their questions addressed by panelists from these agencies. To facilitate this process, questions and comments will be solicited in advance of the meeting; they will then be directed to the most appropriate panelist for comment. It is hoped that this format will facilitate a more complete exchange of information between oversight agencies and those attending the conference. Please submit questions during online registration or email them to info@primr.org. Due to time constraints, it is possible that not all questions will be answered within the formal program, but we hope that the abundance of networking opportunities during this event will enable you to fill in any remaining gaps.

4:30-4:45PM Break

Grand Ballroom Foyer

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

 **B1 Mitigating and/or Minimizing the Use of Controversial Techniques**

Harbor Ballroom III

(Animal Well-Being and the Three Rs Track)

Faculty: Barbara Garibaldi, Troy Hallman

Descriptor: We have a mandate to refine our techniques as new information becomes available. In this session, faculty will:

- Identify techniques that are still used but are becoming increasingly controversial.
- Discuss the advantages and disadvantages of newly emerging techniques.
- Explore the issues surrounding controversial techniques like toe clipping, complete Freund’s Adjuvant, shock for motivation in behavioral studies, endpoints for tumor studies, and treadmill-to-exhaustion models.

 **B2 New Techniques in Pain Management: What’s New, What Works, and What Doesn’t?**

Grand Ballroom C

(Animal Well-Being and the Three Rs Track)

Faculty: Alicia Karas

Descriptor: This session will explore new approaches and modalities for treating pain in research animals. Faculty will discuss:

- How to develop a surgical plan of anesthesia in rodents.
- The challenges of providing analgesia for immunological studies.

 **B3 Emergency and Contingency Planning For Natural Disasters**

Bulfinch

(Animal Well-Being and the Three Rs Track)

Faculty: Carol Clarke, James Harper

Descriptor: Globally, we have experienced a number of natural disasters in the recent past including fires, hurricanes, earthquakes, power outages, and water line breaks.

Does your institution have a plan to manage the unexpected? Is it sufficient? In this session faculty will:

- Help attendees learn how to develop a disaster plan.
- Explore what the oversight agencies are looking for from institutional emergency plans.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	 Indicates session will be taped for Conference Proceedings

- 🔊 B4 Effective Communication Within an Animal Care and Use Program** *Hancock*
 (Communication and Advocacy Track)
Faculty: Steve Niemi
Descriptor: A key component of effective management is effective communication. In this interactive session, faculty and attendees will:
- Share their experiences regarding what works and what does not.
 - Discuss the essential elements of an effective communication strategy.
 - Identify communication strategies that are key to the effective management of an animal care and use program.
- 🔊 B5 Educating the Public about Biomedical Research** *Faneuil*
 (Communication and Advocacy Track)
Faculty: Jayne Mackta
Descriptor: This interactive session will address both the latest public opinion polls concerning the use of animals in biomedical research, and the programs in place and under development to further educate the public. Faculty and attendees will:
- Review the latest polling data and evaluate how that data has changed over time.
 - Discuss the programs that have been successful in getting the research community's message to the public.
 - Explore what needs to be done to improve the process of educating the public.
- 🔊 B6 Finding Common Ground Between the Animal Rights and Research Communities** *Commonwealth B*
 (Communication and Advocacy Track)
Faculty: Taylor Bennett, Andrew Rowan
Descriptor: This interactive session will provide a forum for representatives from both the animal rights and research communities to propose and discuss areas of common interest within the research community. Faculty and attendees will:
- Identify potential areas of mutual concern related to improving the well-being of animals used in research.
 - Discuss mechanisms for addressing areas of concern in a positive and constructive manner.
 - Explore how to start the conversation about issues that are contentious.
- 🔊 B7 Launching Satellite Housing? Beware of Space Junk** *Paine*
 (Hot Topics, Trends, and Special Issues Track)
Faculty: Arthur Lage
Descriptor: Satellite housing areas can become difficult to manage, may not provide the best conditions for maintaining animals, and at some institutions are driven by research dollars and convenience, at the expense of an institutional commitment to keep working within existing animal facilities. In this interactive session, faculty and attendees will:
- Discuss how programs for developing or evaluating satellite housing areas can be responsive to scientific need.
 - Explore how to develop satellite housing areas that are compatible with the need for animal comfort, health and welfare, veterinary care, biosecurity, and occupational health and safety measures.

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

- B8 Update on the American Veterinary Medical Association (AVMA) Panel on Euthanasia** (*Hot Topics, Trends, and Special Issues Track*) *Commonwealth C*
Faculty: *Sam Cartner, Emily Patterson-Kane*
Descriptor: In this session, faculty will:
- Provide updated information from the AVMA guidelines on euthanasia.
 - Emphasize the changes that will have an impact on the animal research community.
- B9 Occupational Health and Safety Programs: Assessing Risks for Staff, Students, and Vendors** (*Hot Topics, Trends, and Special Issues Track*) *Carlton*
Faculty: *Chris Newcomer, Alison Pohl*
Descriptor: The Public Health Service (PHS) policy requires an institution to describe its occupational health and safety program for personnel who work in animal facilities or have frequent contact with animals. In this session, faculty will discuss ways to establish a successful program by focusing on:
- Maximizing compliance and minimizing the cost to the institution.
 - Accurately assessing the risk level of the employees and designing a program that provides various levels of inclusion based on the level of risk.
- B10 Top 10 Deficiencies from the Perspectives of AAALAC, OLAW, and USDA** (*Hot Topics, Trends, and Special Issues Track*) *Grand Ballroom E*
Faculty: *Kathryn Bayne, Pat Brown, Michael Smith*
Descriptor: In this interactive session, attendees and representatives from federal and private oversight bodies will discuss:
- The most common problems encountered during inspections and site visits.
 - The deficiencies self-reported by institutions.
- B11 IACUC Policies and Standard Operating Procedures: The “Musts,” the “Shoulds,” and Everything in Between** (*IACUC Administration/Management and Process Track*) *Harbor Ballroom II*
Faculty: *Candice Brotchie-Fine, Cindy Hoorn*
Descriptor: In this advanced, interactive session, faculty and attendees will:
- Determine the difference between the “must haves” and “should haves” in developing IACUC policies and guidelines.
 - Discuss how to involve scientists in developing those policies that directly affect their activities.
 - Share ideas regarding the best IACUC policies and procedures.
 - Share best practices for disseminating IACUC policies to stakeholders.
- B12 Establishing an IACUC: How to Start On, and Stay On, the Right Foot** (*IACUC Administration/Management and Process Track*) *Alcott*
Faculty: *Gene Hines, Mary Lou James*
Descriptor: In this session, faculty will:
- Discuss how to start a new IACUC from the ground up, and what is needed to establish one at your institution.
 - Review how to make sure an IACUC stays in compliance with the regulatory requirements.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	 Indicates session will be taped for Conference Proceedings

🔊 B13 Everything You Always Wanted to Know About IACUC Forms *Douglas*
(IACUC Administration/Management and Process Track)
Faculty: Cheryl Cheney, Deborah Frolicher
Descriptor: In this interactive session, faculty and attendees will:

- Review what forms an IACUC needs to complete.
- Share the best ways to develop, maintain, and use these forms.
- Explore how to involve scientists in the development of the forms.
- Discuss how to create user-friendly, customer-focused forms that work.

🔊 B14 Advanced IACUC 101: IACUC Responsibilities *Grand Ballroom D*
(IACUC Administration/Management and Process Track)
Faculty: Sylvia Gografe, Monte Matthews
Descriptor: This interactive session is designed for IACUC members and staff who aren't novices, but who still have questions. Faculty and attendees will discuss:

- The eight IACUC functions (Public Health Service (PHS) IV.B.1-8 and Animal Welfare Regulations (AWR) 2.31.c.1-8).
- Other program components that are the responsibility of the institution (e.g. Occupational Health and Safety Program (OHSP), training programs, and emergency/disaster plans).
- Questions raised by attendees.

🔊 B15 What is the Certified Professional IACUC Administrator (CPIA®) Credential? Is It for You? And If So, How Do You Prepare? *Harbor Ballroom I*
(IACUC Administration/Management and Process Track)
Faculty: David Cannon, MJ Shepherd
Descriptor: In this interactive session, a member of CPIA Council and a successful examinee will:

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

🔊 B16 The Whos, Whats, Whens, and Hows of Semiannual Program Review *Adams*
(Program Oversight Track)
Faculty: Donna Dudek Pulkrabek, Amanda Watts
Descriptor: In this interactive session, faculty and attendees will:

- 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.

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

🔊 B17 **What Happens When Front Line Post-Approval Monitoring (PAM) Personnel Find Possible Instances of Noncompliance?** *Stone*
 (Program Oversight Track)
Faculty: *Melinda Bruns, Beth Ford*
Descriptor: In this interactive session, faculty and attendees will discuss:

- How to deal with instances of noncompliance.
- How PAM personnel should be involved with noncompliance decisions.
- Whether PAM personnel should advise the IACUC.
- Examples of appropriate responses for different possible situations.

🔊 B18 **Managing the Protocol Submission and Review Process** *Griffin*
 (Protocol Review Track)
Faculty: *Rob Anderson, Carol Murgo*
Descriptor: In this interactive session, faculty and attendees will:

- Review the options an IACUC has for managing protocol submission, review (Full Committee Review or Designated Member Review), and approval processes, both simple and complex.
- Discuss these processes and how they can be brought in line with the regulations.

*Please note that this session will focus on the processes, not e-protocol management systems.

🔊 B19 **Innovations in Personnel Training** (*Qualifications and Training* Track) *Otis*
Faculty: *Szczepan Baran, Paula Clifford*
Descriptor: Attendees are encouraged to come to this interactive session with information about their innovations. Faculty and attendees will:

- Review the tools for enhancing an institution’s personnel training program including incorporating tools and methods from other industries.
- Discuss ways to address the greatest training challenges, from teaching rodent surgery techniques to helping staff with limited learning abilities.

🔊 B20 **A Dialogue with the National Institutes of Health Office of Laboratory Animal Welfare (NIH OLAW)** (*Updates: A Dialogue With...* Track) *Revere*
Faculty: *Susan Silk*
Descriptor: NIH OLAW provides guidance and interpretation of the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals, supports educational programs, and monitors compliance with the PHS Policy by Assured institutions and PHS funding components to ensure the humane care and use of animals in PHS-supported research, testing, and training. This session will provide an opportunity for attendees to:

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

6:00-7:15 PM **2012 IACUC Conference Welcome Reception and Meet and Greet the Supporters and Exhibitors!** *Grand Ballroom Foyer*

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

Tuesday, March 20 (cont.)

6:00–7:15 PM **Speed Mentoring**

If you would like to connect and network with seasoned IACUC professionals, the Feds, and other experts to receive personalized answers to your regulatory, ethical, and/or operational questions, please join us for a fast-paced, one-on-one networking event where you can meet with up to four different mentors for 15 minutes each. In order to ensure we have enough mentors, we require attendees to sign up for this event in advance. Please do so during online registration, or email us at registration@primr.org, and we'll be sure to save you a seat!

Grand Ballroom AB

8:00–10:00 PM **Conference Cabaret**

Join us for a memorable evening with renowned jazz and cabaret artists The Follen Angels as they perform their highly acclaimed show “Ella and her Fellas,” featuring classics from the American Songbook. Arrive at 8:00 PM and enjoy some coffee and dessert. The performance will begin at 8:30 PM. There is no cost for this event, but space is limited, so please register online, or email us at registration@primr.org, and we'll be sure to save you a seat!

Commonwealth AB

Wednesday, March 21

7:00 AM **Registration Opens**

Elm Registration 1-2

7:00–8:15 AM **Continental Breakfast**

Galleria Hall

7:00–8:15 AM **Continental Breakfast: What's New at the CITI Program?**

Learn about the CITI Program's latest courses updates and value-added features that help participants maximize their IACUC online research ethics training. In order to ensure we have enough seats and meals, we require attendees to sign up for this event in advance. Please do so during online registration, or email us at registration@primr.org, and we'll be sure to save you a seat!

Harbor Ballroom I

8:15–8:30 AM **Welcome**

Grand Ballroom AB

8:30–9:15 AM **Keynote Address: Dennis Orgill, MD, PhD**

Professor of Surgery, Harvard Medical School; Vice Chairman for Quality Improvement, Department of Surgery, Brigham and Women's Hospital

Grand Ballroom AB

9:15–10:30 AM **Panel III: IACUC Conundrums: Lofty Ideals vs. Nitty-Gritty Realities**

Grand Ballroom AB

Moderator: Sam Cartner

Panelists: Szczepan Baran, Leticia Medina, Steve Niemi

Descriptor: IACUCs are vested with the authority and responsibility for defining or verifying solutions for all the vexing problems of an animal care and use program. The ability to do this effectively depends upon their clear understanding of external regulatory requirements and industry trends; the needs of science; organizational behavior and politics; and team building and communication. Using a selection of the intractable problems facing the IACUC, this session will explore what information an IACUC should possess to achieve integrated problem-solving. Issues covered will include: justifying animal study numbers with statistical data and reporting the numbers of animals bred and used in research, strategic implementation of refinements to reduce animal numbers, assurance of competency and proficiency of those who care for and use animals, and how IACUCs should adapt and become conversant with new benchmarking approaches.

10:30–11:00 AM **Break**

Grand Ballroom Foyer

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	 Indicates session will be taped for Conference Proceedings

C1 Creating Quantifiable and Objective Indices of Animal Well-Being

Grand Ballroom C

(Animal Well-Being and the Three Rs Track)

Faculty: Jennifer Camacho, Christina Winnicker

Descriptor: It is important for a number of reasons to balance scientific objectives with the well-being of research animals during a study, but the measures and timing of monitoring and intervention are not always easy to identify. In this interactive session, faculty and attendees will:

- Define well-being and assessment strategies including pain and body condition scoring mechanisms developed for use with rodents, livestock, and other animals.
- Discuss the influence of well-being on the scientific objective.
- Identify practical aspects of implementation within an organization, including how much monitoring, by whom, and when.
- Discuss how to manage the information effectively to support the science and ensure animal well-being.

Several common research models that present well-being challenges will be used as examples for group discussion about potential methods for assessing and quantifying well-being and using that information to develop strategies to optimize well-being.

C2 Refinement of Food and Fluid Regulation in Nonhuman Primates

Commonwealth A

(Animal Well-Being and the Three Rs Track)

Faculty: Beth Ford

Descriptor: In this session, faculty will discuss:

- Animal welfare issues around the use of food and fluid regulation to motivate animals for specific behaviors or tasks.
- Guidelines developed by the Association of Primate Veterinarians to minimize welfare concerns.

C3 Alternative Searches *(Animal Well-Being and the Three Rs Track)*

Carlton

Faculty: Tim Allen, Joanne Zurlo

Descriptor: In this advanced, interactive session, faculty and attendees will discuss:

- When alternative searches are required.
- What specifically is required and what resources are available to IACUC members.
- The use of resources such as the Animal Welfare Information Center, Hopkins CCAT, Toxnet, ALTBIB: Bibliography on Alternatives to Animal Testing, University of California Center for Animal Alternatives, and pre-formatted searches.
- Strategies and level of review suggested by oversight agencies to minimize pain and distress and ensure that refinement and humane endpoints are optimized.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	 Indicates session will be taped for Conference Proceedings

- 🔊 **C4 Open Forum for IACUC Chairs** (*Communication and Advocacy Track*) *Douglas*
Faculty: *Jerry Collins, Bruce Kennedy*
Descriptor: This interactive session will provide a forum for IACUC chairs to discuss issues they face in carrying out their duties, specifically, of providing leadership to the process of certifying the institution’s compliance with regulations, policies and guidelines. Faculty and attendees will:
- Discuss the roles and responsibilities of IACUC chairs at various institutions and the support needed to carry out those responsibilities.
 - Participate in an open dialogue around questions raised by attendees during the session.
- 🔊 **C5 Managing the USDA Inspection Process** (*Communication and Advocacy Track*) *Stone*
Faculty: *Gary Borkowski, Betty Goldentyer*
Descriptor: This interactive session will review the components of a program for effectively managing the USDA inspection process and provide insight into how to assure compliance in those areas that are frequently cited. Faculty and attendees will discuss:
- How to effectively manage the inspection process.
 - The recent changes to the inspection process.
 - Most frequent findings during inspections and how to assure compliance with the relevant sections of the regulations and standards.
- 🔊 **C6 Regulatory Creep: Are We Being Asked to Go Beyond the Regulations?** (*Hot Topics, Trends, and Special Issues Track*) *Harbor Ballroom II*
Faculty: *Taylor Bennett, Susan Silk*
Descriptor: Are regulatory agencies suggesting we go beyond what is covered in the *Guide*? In this interactive session, faculty and attendees will:
- Discuss examples of regulatory creep such as the emphasis on post-approval monitoring and AAALAC International’s inclusion of invertebrates in its program description.
 - Discuss self-imposed regulatory burdens.
- 🔊 **C7 Science, OLAW and the Adoption of the Eighth Edition of the Guide: Fretting About Federal Fetters or a Future of Fearless Flying?** (*Hot Topics, Trends, and Special Issues Track*) *Grand Ballroom E*
Faculty: *Pat Brown, William White*
Descriptor: The Eighth Edition of the *Guide* has expanded in rich detail the many areas and issues that should be incorporated into a sound program of animal care and use. In this interactive session, faculty will use examples to provide a framework for discussion of issues, including:
- How the *Guide* may prompt changes in operations or resources of programs.
 - How the *Guide* may influence the course of IACUC discussions and review activities.
 - How the *Guide* may impact the ease of scientific inquiry.
 - Other particular areas of interest to attendees.

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
🔊 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

 **C8 Developing Benchmarks to Assess and Improve the Work of the IACUC** *Faneuil*
(Hot Topics, Trends, and Special Issues Track)

Faculty: *Lauren Cantamessa, Steve Niemi*

Descriptor: During this interactive session, faculty and attendees will:

- Discuss establishing performance “benchmarks” to assess the work of IACUCs with respect to effectiveness and efficiency.
- Explore ways to use assessment results to improve IACUC performance.

 **C9 ILAR Update** *(Hot Topics, Trends, and Special Issues Track)* *Bulfinch*
NEW SESSION! **Faculty:** *Cameron Fletcher*

Descriptor: In this session, faculty will review:

- ILAR’s recent products, including reports and *ILAR Journal* issues.
- Features of particular interest to IACUCs, such as the online IACUCorner.
- Current and planned projects on the following topics: IACUC issues relevant to wildlife research, the “state of the science” of laboratory animal research, and the use of zebrafish and humanized mice in biomedical research.

 **C10 Connecting Through PRIM&R: Mentoring, Regional Connections, Volunteer Opportunities, and More** *(Hot Topics, Trends, and Special Issues Track)* *Revere*
NEW SESSION! **Faculty:** *Kimberly Hensle Lowrance*

Descriptor: IACUC administrators are challenged to provide meaningful education for their members and staff. In this interactive session, PRIM&R staff will review how PRIM&R’s various membership benefits can help. Specifically, session facilitators will discuss:

- PRIM&R’s mentoring program, including how to find a mentor or a mentee.
- Available volunteer opportunities and how to make the most of them from an educational perspective.
- PRIM&R’s long-standing Regional Connections program, which assists localities in providing support to hold networking events, including how to get started planning a program at your institution.



C11 Building Blocks for New IACUC Members and Staff *Commonwealth C*
(IACUC Administration/Management and Process Track) [Please note this is a double session and will end at 1:15 PM. Please pick-up your boxed lunch before proceeding into the session room. Pre-registration is required to attend and a lunch ticket will be included on your name badge.]

Faculty: *Mary Lou James, Monte Matthews*

Descriptor: This basic, interactive double session will provide those new to the IACUC process with an opportunity to:

- Review and explore basic IACUC functions (Public Health Service (PHS) IV.B.1-8 and AWR 2.31.c.1-8).
- Hear about the role and day-to-day work of the IACUC from experienced experts in the field.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings



C12

How to Conduct Institutional Investigations of Serious Infractions (*IACUC Administration/Management and Process Track*) [Please note this is a double session and will end at 1:15 PM. Please pick-up your boxed lunch before proceeding into the session room. Pre-registration is required to attend and a lunch ticket will be included on your name badge.]

Faculty: Michael Fallon, Susan Kallay

Descriptor: In this interactive double session, representatives from regulatory agencies and attendees will:

- Review strategies for ensuring compliance with the Public Health Service (PHS) Policy on the Humane Care and Use of Laboratory Animals and the Animal Welfare Act/Regulations.
- Discuss attendees' specific incidents of concern as well as general questions about how the humane laws and policies are enforced by the government.

Otis



IACUC Challenges for Small Organizations, Including Biotechs, Contract Research Organizations, and Colleges

(*IACUC Administration/Management and Process Track*)

Faculty: Kathleen Cornely, Mark Whary

Descriptor: This interactive session will focus on creative solutions for challenges inherent to small organizations. Faculty and attendees will discuss the specific challenges associated with small institutions, including:

- Having a small IACUC.
- Reviewing protocols in spite of limited scientific expertise.
- Performing program reviews with inexperienced members and part-time veterinarians.

Commonwealth B



The Eighth Edition of the Guide: Implications of Chapters One and Two for Your IACUC (*IACUC Administration/Management and Process Track*)

Faculty: Tracy Heenan, William King

Descriptor: In this session, faculty will:

- Review chapters one and two of the *Guide* and provide insight into how to implement the recommendations into the operation of your IACUC.
- Detail key concepts and oversight responsibilities.
- Provide guidelines for managing an effective animal care and use program.

Harbor Ballroom III



Protocol Management: Determining Which Databases and Electronic Methods are Best for Your IACUC

(*IACUC Administration/Management and Process Track*)

Faculty: Molly Greene, Dorinda Williams

Descriptor: In this interactive session, faculty and attendees will:

- Share experiences and ideas about electronic methods of protocol processing and data management, from home-grown to commercial products.
- Review available information about commercial systems to help attendees make informed choices about electronic systems.

Hancock

Indicates didactic session (attendees mostly listen...)	Indicates workshop (attendees talk too!)
Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings



C16 Formal and Informal Approaches to Post-Approval Monitoring (PAM): Challenges, Strategies, and Solutions (*Program Oversight Track*) [Please note this is a double session and will end at 1:15 PM. Please pick-up your boxed lunch before proceeding into the session room. Pre-registration is required to attend and a lunch ticket will be included on your name badge.]

Grand Ballroom D

Faculty: *David Cannon, Sandy Wilkins*

Descriptor: In this interactive double session, several approaches to PAM will be explained and explored. Faculty will:

- Help attendees develop appropriate PAM processes that will foster excellence within their own programs.
- Offer ideas for developing PAM processes that do not rely on personnel dedicated to a full-time compliance monitoring program.
- Share experiences of successful models of PAM with personnel dedicated to a full-time compliance monitoring program.

C17 How to Identify and Correct Specific Isolated Deficiencies Before They Become Larger, More Pervasive Programmatic Issues (*Program Oversight Track*)

Paine

Faculty: *Marky Pitts, J. Michael Wyss*

Descriptor: In this session, faculty will:

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

C18 Full or Designated Review: Understanding Each Process and the Manner in Which it Can Be Used (*Protocol Review Track*)

Adams

Faculty: *Anna Marie Lee, Stacy Pritt*

Descriptor: In this session, faculty will:

- Review, the two methods of review described in the USDA Regulations and the Public Health Service (PHS) Policy.
- Clarify the two methods and emphasize how and why they are distinct.

C19 Assessing and Ensuring Competence and Qualifications of Personnel (*Qualifications and Training Track*)

Griffin

Faculty: *Nicole Duffee, Teresa Neubauer*

Descriptor: Technical competence in the care and use of research animals is the ultimate goal for assuring compliance with animal welfare mandates. In this interactive session, faculty and attendees will discuss:

- The methods that work best in various settings for assessing competence and qualifications.
- Staffing, training metrics, and documentation that must be factored into the development of an assessment method that best fits an institution.

Indicates didactic session (attendees mostly listen...)	Indicates workshop (attendees talk too!)
Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

🔊 C20 **A Dialogue with the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC), International** Alcott
 (Updates: A Dialogue With... Track)
Faculty: Chris Newcomer, Harry Rozmiarek
Descriptor: The Association for Assessment and Accreditation of Laboratory Animal Care (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 representatives of AAALAC International.
- Participate in an open discussion about issues relevant to AAALAC International stakeholders.

12:15-1:15 PM **Lunch** Galleria Hall

12:15 -1:15 PM **CPIA® Networking Lunch** Harbor Ballroom I
Do you hold the CPIA credential and have an interest in connecting with other CPIAs? If so, we invite you to attend this lunch to discuss your credentialing questions, including those on recertification, and talk with members of the CPIA Council and a representative of the PRIM&R staff. In order to ensure we have enough seats and meals, we require attendees to sign up for this event in advance. Please register online, or email us at registration@primr.org, and we'll be sure to save you a seat! If you do not currently hold the CPIA credential, but are interested in taking the exam or learning more about CPIA, we invite you to attend the B15 Workshop: What is the Certified Professional IACUC Administrator (CPIA®) Credential? Is It for You and, If So, How Do You Prepare?

1:30-2:15 PM **Henry Spira Memorial Lecture: Measuring the Unmeasurable: The Objective Assessment of Emotional States in Animals** Grand Ballroom AB
Georgia Mason, PhD, Professor, Department of Animal Science, University of Guelph

2:15-2:30 PM **Break** Grand Ballroom Foyer

2:30-3:45 PM **Panel IV: Will Your Enigma Become a Stigma? The Probities and Pitfalls of Institutional Self-Reporting** Grand Ballroom AB
Moderator: Taylor Bennett
Panelists: George Babcock, Betty Goldentyer (USDA), Susan Silk, Sarah Trautz
Descriptor: Both the Animal Welfare Regulations and the Public Health Service Policy have specific requirements for reporting. In recent years, some institutions have elected to report events that are not required. This panel will discuss the role self-reporting plays in the enforcement of the regulations or in funding. This panel will examine questions around institutional self-reporting, including:

- Does addressing and correcting an issue within the context of an institution's oversight program need to be reported?
- If not, what are the benefits and/or costs that could accrue from self-reporting?

3:45-4:15 PM **Break** Grand Ballroom Foyer

🔊 Indicates didactic session (attendees mostly listen...)	🔊 Indicates workshop (attendees talk too!)
📺 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	★ Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

 **D1 The Three Rs at Work: Case Studies on Protocols Involving Complex Animal Models** (*Animal Well-Being and the Three Rs Track*) *Carlton*
Faculty: *MJ Shepherd, Joanne Zurlo*
Descriptor: In this interactive session, faculty will provide a general introduction to a few challenging animal models. Faculty and attendees will:

- Work through addressing the principles of replacement, reduction, and refinement, including when it is better to use more animals at less cost to the individual animal.
- Use specific case studies to address project planning, training, monitoring, and ultimately, intervention and decision making.

 **D2 Developing Humane Intervention Points** (*Animal Well-Being and the Three Rs Track*) *Alcott*
Faculty: *Claire Hankenson, Wendy Williams*
Descriptor: In this interactive session, faculty and attendees will:

- Discuss the legal and ethical obligations for minimizing pain and distress in animals.
- Use specific examples to discuss individual and collective responsibilities, the development and validation of humane endpoints, and implementation and assessment of specific measures for minimizing pain and distress.

 **D3 Assessment and Management of Stress and Distress** (*Animal Well-Being and the Three Rs Track*) *Otis*
Faculty: *Sharron Kirchain, Andrew Rowan*
Descriptor: In this advanced session, faculty will:

- Explore the issue that recognizing, minimizing and eliminating distress are ethical imperatives as well as regulatory requirements, and yet there is no widely accepted definition of what constitutes distress across the variety of animal species used in research.
- Discuss means of identifying distress and establishing humane endpoints.

 **D4 Developing and Implementing a Crisis Management Plan** (*Communication and Advocacy Track*) *Harbor Ballroom I*
Faculty: *Matt Bailey, Taylor Bennett*
Descriptor: In this interactive session, faculty and attendees will:

- Review the key components of a crisis management plan to help prevent, prepare for, and respond to animal rights extremist campaigns against researchers and research institutions.
- Discuss the process of developing and updating a crisis management plan.
- Explore the options for implementing a crisis management plan.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

 **D5 Open Forum for Unaffiliated/Non-Scientific Members** Griffin
 (Communication and Advocacy Track)
Faculty: Lee Krulisch, Marky Pitts
Descriptor: This interactive session will provide a forum for unaffiliated/non-scientific members of an IACUC to discuss issues that arise when carrying out their duties with respect to overseeing animal care and use programs. Faculty and attendees will:

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

 **D6 Global Convergence of Lab Animal Care: Is It On Track?** Paine
 (Hot Topics, Trends, and Special Issues Track)
Faculty: Kathryn Bayne, Ann Jernigan
Descriptor: Biomedical research and the data and/or products derived from it are recognized globally as valued commodities that frequently involve the use of animal models. In recent years, financial incentives and national and scientific interests have all contributed to the global growth in animal research programs, as well as to increasing international scientific collaboration around animal models. In this interactive session, faculty and attendees will:

- Consider the new international guidelines on research animal care and use.
- Discuss the current trends in the globalization of animal research.
- Explore the wide variation in the quality of animal care worldwide.

 **D7 Poster Presentations** (Hot Topics, Trends, and Special Issues Track) Bulfinch
Descriptor: During this session, research professionals and researchers will present innovative, empirical work on research ethics as it relates to the care and use of laboratory animals.

  **D8 Strategies for the Ongoing Training and Assessment of IACUC Members** Grand Ballroom D
 (IACUC Administration/Management and Process Track)
Faculty: Mary Lou James, Monte Matthews
Descriptor: In this interactive session, faculty and attendees will discuss:

- Ways to ensure that your IACUC is qualified through training, expertise, and/or experience of IACUC members.
- Opportunities for continuing education of IACUC members.

 **D9 Strategies for Implementing the Eighth Edition of the Guide** Harbor Ballroom II
 (IACUC Administration/Management and Process Track)
Faculty: Marcy Brown, Susan Silk
Descriptor: In this interactive session, faculty and attendees will:

- Discuss implementing the “musts” and “shoulds” from the Eighth Edition of the *Guide*.
- Share implementation plans and best practices with regard to the Eighth Edition of the *Guide*.

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings

- 🔊 D10 Identifying and Keeping Track of Exceptions to the Regulations and the Eighth Edition of the Guide** (IACUC Administration/Management and Process Track)
Faculty: Linda Brovarney, Pat Brown, Carol Clarke
Descriptor: In this advanced, interactive session, faculty and attendees will discuss:

 - What does and does not constitute an exception.
 - Methods for assuring that exceptions are accounted for.
 - Where exceptions should be documented and reported.

Grand Ballroom C
- 🔍 D11 Ensuring Adequate and Effective Record Keeping** (IACUC Administration/Management and Process Track)
Faculty: Sally Light, Jennifer Perkins
Descriptor: In this session, faculty will discuss:

 - What records are required and/or expected by the USDA, OLAW, AAALAC, and state or local agencies.
 - How to protect the institution under FOIA or open records laws.
 - Strategies shared by attendees for complying with requirements without “breaking the bank” or “giving away the store.”

Stone
- 🔊 D12 Doing More With Less: Meeting Regulatory Requirements Despite Fewer Resources and Fewer Staff** (IACUC Administration/Management and Process Track)
Faculty: Molly Greene, Michelle Aparicio
Descriptor: In this interactive session, faculty and attendees will:

 - Share thoughts about doing more with less and working with management to receive the necessary resources and support.
 - Discuss with other administrators prevention strategies for employee burnout and subsequent loss of valued staff.

Revere
- 🔊 D13 Semiannual Facility Inspections: Didn’t We Just Do It?** (Program Oversight Track)
Faculty: Deborah Frolicher, Donna Jarrell
Descriptor: In this interactive workshop, faculty and attendees will discuss:

 - How to approach semiannual facility inspections: What should be examined, how observations should be recorded, and who should be included in these inspections.
 - What is actually required for these inspections.
 - How to separate minor from significant deficiencies, and what should be reported.

Adams
- ★🔊 D14 Inter-Institutional Agreements Between and Among Institutions** (Program Oversight Track)
Faculty: Kathryn Holthaus, Valerie Parkison
Descriptor: Animals are frequently moved between institutions, resulting in the need for inter-institutional agreements. In this interactive session, faculty and attendees will discuss:

 - The need for agreements that identify individuals responsible for reviewing the protocols in these off-site situations.
 - Oversight that applies when animals are sent to an off-site company that develops transgenic animals, for example, Charles River or Taconic.

Douglas

<p>🔍 Indicates didactic session (attendees mostly listen...)</p>	<p>🔊 Indicates workshop (attendees talk too!)</p>
<p>🔊 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.</p>	<p>★ Indicates session was chosen from Call for Program Topics.</p>
	<p>✓ Indicates session will be taped for Conference Proceedings</p>

-   **D15 IACUC Review of Protocols: Balancing Ethics, Compliance, and Science** *Grand Ballroom E*
(Protocol Review Track)
Faculty: *George Babcock, Jerry Collins, Ernest Prentice*
Descriptor: In this interactive session, faculty and attendees will:
- Explore the ethical issues that may arise when an IACUC reviews a protocol.
 - Examine ways that the IACUC review can ensure both institutional compliance and ethical responsibility while also facilitating research.
-  **D16 Developing and Implementing Personnel Training Programs** *Faneuil*
(Qualifications and Training Track)
Faculty: *Paula Clifford, Nicole Duffee*
Descriptor: Are you new to training oversight? Is your institution reviewing and organizing its training program? In this interactive session, faculty and attendees will discuss:
- Applicable professional development requirements.
 - Fostering a culture of learning and securing support from the management.
 - Developing training policies and procedures and documentation systems.
 - Organizing training resources and services.
-  **D17 A Dialogue with United States Department of Veterans Affairs (VA)** *Hancock*
(Updates: A Dialogue With... Track)
Faculty: *Michael Fallon, Susan Harper*
Descriptor: The VA Research and Development (R&D) program plays a key role in advancing the health and care of veterans, and is uniquely positioned to lead a national transformation of American healthcare. As part of the largest integrated healthcare system in the United States, the VA research draws upon engaged patients and families, committed clinician-scientists, and an unparalleled national health care delivery infrastructure. Through the VA's focused mission to advance healthcare for veterans, VA research can serve as a 21st century model for how American medicine can be transformed through scientific inquiry and innovative thought leading to evidence-based treatments that effectively improve veterans' health. This session will provide an opportunity for attendees to:
- Engage in dialogue with representatives responsible for the humane care and use of research animal subjects within the VA R&D Programs.
 - Ask questions of VA representatives.
- 5:30-6:30 PM Closing reception... All are welcome to attend!** *Grand Ballroom Foyer*

 Indicates didactic session (attendees mostly listen...)	 Indicates workshop (attendees talk too!)
 Indicates a Double Session, which includes both lecture and discussion. Pre-registration is required to attend these sessions. Double sessions are held over lunch. A boxed lunch will be served before the start of the session.	 Indicates session was chosen from Call for Program Topics.
	✓ Indicates session will be taped for Conference Proceedings