At the end of one remarkable century, and at the dawn of the new millennium, it seems useful to engage in some "stock-taking" (pun intended!). But rather than simply counting our animals, the March 2000 PRIM&R and ARENA conferences will examine ways in which their care and use can be improved for all stakeholders involved. As animal programs nationwide grow in both size and complexity, so too must our commitment to their care, feeding, and ethical sufficiency.

The IACUC has primary responsibility for animal care and use, and, at most institutions, is charged by the designated institutional official with assuring that all aspects of the Animal Welfare Act and the Public Health Service Policy are being implemented effectively. What really happens, though, can often be quite different from institution to institution, and these variations are often traceable to funding, staffing, and/or education, i.e., an appropriate understanding of the regulatory, ethical, and husbandry requirements.

These conferences will therefore focus on the legal, moral, and practical aspects of the IACUC's responsibility, and will offer concrete and productive ways to enhance its performance. Representatives from the USDA, OPRR, and AAALAC International will give their perspectives, as will scientists, veterinarians, administrators, ethicists, and other key representatives from academia, research institutes, and industry. Workshops will provide a forum for each registrant to voice her/his opinions and to ask specific questions. Join in this dialogue with your colleagues, and hear what others are doing vis-à-vis thorny issues, share your solutions and approaches, and state your concerns and recommendations to those making the rules.

The ARENA and PRIM&R meetings have been consistently cited as unique and valuable opportunities for information exchange, networking, and informal advocacy. Join us as we welcome together the new era, recharge our batteries, and refuel our commitment via an intensive educational experience.

For those who are new to the IACUC world, please consider attending the March 11 IACUC 101 course. This session will provide those who are new to the IACUC process, or those in need of a refresher, with a full day course which is both didactic and interactive. IACUC 101 will also be of interest to those who would like to improve their knowledge of IACUC training approaches.

**PRIM&R’s Planning Committee:** John Miller (Co-Chair), Harry Rozmiarek (Co-Chair), Kathryn Bayne, Ron DeHaven, James Fox, Nelson Garnett, Molly Greene, Mary Lou James, Frank Loew, Monte Matthews, Gwenn Oki, Marky Pitts, and Andrew Rowan

**ARENA’s Planning Committee:** Mary Lou James (Co-Chair), Monte Matthews (Co-Chair), Gary Chadwick, Molly Greene, Susan Kornetsky, Kim Mickey, and Marky Pitts
**Accreditation:** This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Tufts University School of Medicine, Public Responsibility in Medicine & Research, and Applied Research Ethics National Association. Tufts University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Tufts University School of Medicine designates the PRIM&R Conference for a maximum of 16 hours and the ARENA Conference for a maximum of 9.5 hours in Category I credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

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ARENA's Conference Agenda

Saturday, March 11, 2000:
4:30-6:30 Pre - Registration Reception

Sunday, March 12, 2000:
7:15 - 8:15 Registration and Continental Breakfast

8:15 - 8:45 Welcome and Introductions
Conference Theme and "Warm-up Exercise" M. James
Conference Overview M. Matthews
ARENA Program Book K. Mickey
ARENA's “Distinguished Service Award” Recipient S. Kornetsky
The ARENA Guidebook M. Pitts

8:45 - 10:00 PANEL I: IACUC & Institution Intra-Connections
Moderator: M. Pitts
The Institutional Official – Oversight and Authority R. Bianco
IACUC Chair – Leading, Motivating the Team J. Collins
Attending Veterinarian – Watchdog, Collaborator, Animal Guardian J. Fox
The PI – Taking it on the Chin? L. Willis
IACUC Administrator – Keeping it Together with a Finger in the Dike V. Fratus

10:15 - 12:30 LUNCH (Buffet) Networking Exercises

12:30 - 1:45 PANEL II: The Search for Alternatives
Moderator: A. Rowan
Alternatives – “In the Beginning, There Was…” J. Bielitzki
Policy 12 and Acceptable Alternatives to the Literature Search R. DeHaven
Alternative Searches and Inherent Frustrations – the IACUC’s Perspective E. Prentice
NIH Initiatives C. Wigglesworth

1:45 - 2:15 Special Topic Lecture
Networking: Finding Others with Common Interests M. Matthews

2:30 - 3:45 PANEL III: Community Connections
Moderator: J. Calnan
Reaching the Community L. Nader
The Patient’s Perspective G. Maas
Animal Research, Medical Advances and Resources – The Last 5 Years M. Brennan
U. Minnesota Break-In: Addressing the Community Through the Media M. Keane

3:45 - 4:30 Special Topic Lecture
Heart Care International: Realizing our Goals and Enriching our Lives M. Brennan

4:30 - 5:45 Workshop Series B (Repeat of Workshop Series A)

5:45 - 6:30 Cheese, Spirits, and Continuing Connections!
PRIM&R's Conference Agenda

Monday, March 13, 2000

7:45 - 8:30  Registration and Continental Breakfast
8:30 - 8:40  Welcome & Conference Overview
   Moderator:  John Miller
   Panelists:  Gerald Fischbach [invited] - The Politics
              Jerrold Tannenbaum - The Ethics
              Steven Niemi - The Reality
11:45 - 12:45  Workshops Series A
   A1  Regulatory Issues: A Dialogue with the OPRR Staff  (Please note this will be a two hour session. Lunch will be served.)
   A2  New Members: Beyond IACUC 101 - Questions Raised and Answers Tendered
   A3  Training: Developing Training Materials for Investigators - PRIM&R’s Primer
   A4  Hot Spots! The USDA Inspection Process: Managing the Inspection from Both Sides  (Please note this will be a two hour session. Lunch will be served.)
   A5  Biotech/Industry: Alternatives, HPV Chemical Testing, and Other Testing Issues
   A6  Advocacy Issues: Finding Funds to Identify Effective Approaches to Enrichment and Refinements
   A7  IACUC Administration: The Role of the Institutional Official, and General Organizational and Administrative Responsibilities  (Please note this will be a two hour session. Lunch will be served.)
   A8  Species-Specific: Rodents Need TLC Too! Aseptic Surgery, Environmental Enrichment, Wire Bottom Cages, and More…
   A9  Occupational Health & Safety: Zoonoses and Emerging Infections
   A11 IACUC Member Issues: The Role of the IACUC Chair
   A12 IACUC Responsibilities: Disaster Planning for Small Animal Facilities
   A13 IACUC Resources: Using the AVMA Euthanasia Report to Improve Your SOPs
   A14 Potpourri: Application of Performance Standards in Aquaria, Zoos, Wildlife, Farms, and Behavioral Research
1:00 - 2:00  Luncheon
2:15 - 2:35  Plenary Address - Implementing Humane Endpoints in Research Protocols  Alan Goldberg
### Panel II - IACUCs - Where are they Now and Where are they Going?

**Moderator:** Mary Lou James

**Panelists:**
- **Janet Greger**
  - Institutional Support for the IACUC: Funding IACUC Members and Support Staff, and Incorporating them into the Institutional Culture

- **Lauretta Gerrity**
  - Out of Sight, But Not Out of Mind: IACUC Responsibility for Oversight of Animal-Based Research at Contract or Other Off-Site Facilities

- **Nicole Duffee**
  - Assessing the Adequacy of, and Encouraging Participation in, IACUC Training

- **Bernard Shapiro**
  - The Pros and Cons of Term Limits for the IACUC Chair and Committee Members

### Workshops Series B

#### 4:15 - 5:15

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<th>Workshop</th>
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<td>B1</td>
<td>Regulatory Issues: An ILAR Update</td>
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<td>B2</td>
<td>New Members: Basic Protocol Review Criteria</td>
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<td>B3</td>
<td>Training: Training PIs for Handling Confrontational Interactions, and for Talking to the Public About Animal Research</td>
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<td>B4</td>
<td>Hot Spots! Compliance: Prevention, Problem-Solving, and Resolution of the Most Frequently Cited Violations</td>
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<td>B5</td>
<td>Biotech/Industry: Genetic Engineering, Animal Research, and Biotechnology Involving Farm Animals</td>
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<td>B6</td>
<td>Advocacy Issues: Chimpanzee Research and Retirement</td>
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<td>B7</td>
<td>IACUC Administration: Implementation of Performance Standards</td>
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<td>B8</td>
<td>Species-Specific: Environmental Enrichment for Non-Human Primates</td>
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<td>B9</td>
<td>Occupational Health &amp; Safety: Developing and Implementing OH&amp;S Programs</td>
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<td>B10</td>
<td>Protocol Review: The 3Rs, Literature Searches, and Policy #12: Creative Approaches to Obtaining Adequate Responses</td>
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<td>B11</td>
<td>IACUC Member Issues: What is a Properly Constituted Committee? What Constitutes a Quorum? Can the IACUC Use Alternates?</td>
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<td>B12</td>
<td>IACUC Responsibilities: Defining Significant and Minor Programmatic Deficiencies</td>
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<td>B13</td>
<td>IACUC Resources: The Role of the Institutional Official in Supporting the IACUC</td>
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<td>B14</td>
<td>Potpourri: Defining and Determining Humane Endpoints, and an Update on the Organization for Economic Cooperation and Development's (OECD) Report</td>
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### 5:15 - 6:15

**Wine and Cheese Reception**

### 7:30 - 10:00

**Dinner and Dancing!**
Tuesday, March 14, 2000

7:00 - 8:00  Yoga

7:45 - 8:30  Continental Breakfast

8:30 - 9:15  Topical, Tense, and Timely! - Genetic Engineering and Xenotransplantation: How These Two Issues will Affect Animal Care and Research?

  Genetic Engineering: Nelson A. Wivel
  Xenotransplantation: David Sachs

9:15 - 10:30  Panel III - What’s Old and Unresolved? Distress!

  Moderator: Andrew Rowan

  Panelists: Ron DeHaven - Defining Distress for AWA Reporting Purposes
             Joy Mench - The Committee of Experts' Report on Animal Pain and Distress
             John Capitanio - The Effects of Stress on Research Results
             Daniel Carr - The Continuum of the Vertebrate Pain Experience

10:45 - 11:10  USDA Status Report – How Can the IACUC Community Best Respond to, and Affirmatively Impact, the Regulatory and Interpretive Processes? Ron DeHaven

11:15 - 12:15  Workshops Series C

  C1  Regulatory Issues: A Dialogue with USDA Staff
  C2  New Members: Semi-Annual Program Reviews and Facility Inspections
  C3  Training: Using Information Technology in Your Training Program
  C4  Hot Spots! More About Distress…(A follow up to Panel III)
  C5  Biotech/Industry: Novel Test Compound Vehicles, Guidelines, and Formulations
  C6  Advocacy Issues: The Ethical and Public Policy Issues Involving Cloning and Genetic Engineering
  C7  IACUC Administration: Organizational Structure and Reporting Lines - The IACUC Chair, Administrator, Institutional Official, and Investigator Interactions
      (Please note this will be a two hour session. Lunch will be served.)
  C8  Species-Specific: Farm Animal Research and the "Ag Guide"!
  C9  Occupational Health & Safety: Xenotransplantation, Xenografts, and Zoonotic Diseases
  C10 Protocol Review: Form Over Function, or Making the Form Fit the Function
  C11 IACUC Member Issues: The Role of the Non-Affiliated & Non-Scientist Members
  C12 IACUC Responsibilities: Responding to Internally or Externally Generated Complaints Regarding Animal Welfare
  C13 IACUC Resources: OMB Circular A-21 and Your Per Diem Rates!
  C14 Potpourri: The Use of Animals in Education
  C15 Potpourri: Issues in the Management and Oversight of Rodent Colonies

12:30 - 1:30  Luncheon
Panel IV - The AAALAC International Report on IACUCs

Moderator: *Kathryn Bayne*

Panelists: *Marilyn Brown* - IACUC Issues  
*Marilyn Brown* - IACUC Issues  
*Christian Newcomer* - Occupational Health & Safety Issues  
*DeWayne Walker* - Facilities Issues

Panel V - New and Significant Resources for IACUCs in the Year 2000 and Beyond!

Moderator: *Harry Rozmiarek*

Panelists: *Jerald Silverman* - The IACUC Handbook  
*Alan Goldberg* - CAAT Project on Alternative Search Engines  
*Stuart Nelson* - National Library of Medicine and the Alternatives Project  
*Marky Pitts* - Planned Revisions to the *IACUC Guidebook*  
*Monte Matthews* - *IACUC 101 On the Road!*

Workshops Series D

- **D1** AAALAC Accreditation Issues: The Most Common IACUC Deficiencies  
- **D2** New Members: Developing IACUC Policies and Procedures  
- **D3** Training: Assessing and Documenting IACUC Training Materials  
- **D4** Hot Spots! Mouse Ascites, Monoclonal Antibodies and Complete Freund’s Adjuvant  
- **D5** IACUC Issues: Wildlife Research  
- **D6** Advocacy Issues: Legislative and Judicial Initiatives Relating to Animal Research  
- **D7** IACUC Administration: Inter-Institutional Agreements and Affiliated Institutions - Implications for Protocol Review, Semi-Annual Reviews, and Inspections  
- **D8** Species-Specific: Fish and Other Cold Blooded Species  
- **D9** FOIA & Information Release, including OMB Circular A-110  
- **D10** Protocol Review: Progress Reports, Modifications, Addenda, and Grant Proposals Linkage  
- **D11** IACUC Member Issues: The Role of the Attending Veterinarian  
- **D12** IACUC Responsibilities: Developing a Disaster Plan for Large Facilities  
- **D13** Potpourri: International Harmonization of Animal Welfare Standards  
- **D14** Potpourri: "How Animals Die…" Pain and Distress Associated with Veterinary Conditions  
- **D15** Potpourri: Special Concerns for DOD Facilities

Wine, Cheese and Fond Farewells!
PRIM&R and ARENA Conference Registration Information

General Information:
Registration for both meetings is required by **February 14, 2000**. Registrations received after the February 14 deadline will be subject to a **late fee of $50**. Meeting attire is business casual (university/hospital tee shirts are welcome).

Please complete the registration form and mail it with your check, purchase order, or credit card information to: **PRIM&R, Attn: IACUC Conference, 132 Boylston Street, 4th Floor, Boston, MA 02116**. If you are registering for both conferences, please note that **separate checks** are required – one made payable to PRIM&R, and one made payable to ARENA. To ensure accurate numbers for materials and meals, all forms of payment (i.e., check, purchase order, or credit card) will be processed immediately and are subject to the cancellation/substitution policy stated below.

For **confirmation** of your registration, please check the appropriate box on your registration form. Please note that confirmation is available by **email only** and will be sent to the registrant's email address as indicated on the registration form. One check may be used to pay for a group, but a separate registration form must be completed for each registrant.

Photocopies of all registration forms are acceptable. If you have any questions, please contact the PRIM&R office at (617) 423-4112, fax (617) 423-1185, or email <prmr@aol.com>.

**Cancellation/Substitution Policy:**
Substitutions may be made at any time without additional charges. Refunds will be issued for all cancellations received by February 21, 2000, less a $75 processing fee. **Cancellations and substitutions must be made in writing.**

**PRIM&R Fees and Scholarships:**
The individual registration fees for the PRIM&R Conference are **$430** per person. Fees cover two continental breakfasts, two lunches, two receptions, one dinner, and course materials. Full-time students, or others requiring financial assistance, are encouraged to contact the PRIM&R office for scholarship information.

**Conference Proceedings:**
The conference proceedings for the PRIM&R meeting are expected to be published by October 2000 and may be ordered in advance by using the attached registration form. The cost is $30 and includes postage and handling.

**ARENA Fees:**
The ARENA Conference fees are **$150** per person for ARENA members and **$195** for non-members. Fees cover pre-conference reception, continental breakfast, lunch, evening reception, and course materials. ARENA dues are **$100** annually. If you are interested in joining ARENA, you may include the membership fee ($100) and pay the conference member rate of $150.

**Hotel Accommodations/Travel:**
For reservations, call the **Sheraton Boston Hotel and Towers** at (800) 325-3535 or (617) 236-2000. Rate: **$157** (single or double) per night. To receive the discounted rate, you must make your reservation by **February 14, 2000** and identify yourself as an attendee of the PRIM&R/ARENA conferences. Rooms in the PRIM&R block cannot be guaranteed, and rates are subject to room availability. Thus, early reservations are strongly recommended. If you have any difficulty reserving a hotel room, please call the PRIM&R office at (617) 423-4112.

PRIM&R, ARENA, and the Sheraton Boston Hotel & Towers are committed to providing full access to attendees with disabilities.
PRIM&R and ARENA 2000 IACUC Conference Registration Form

Please list your name, title, and institution as you wish them to appear on your nametag. Thank you!

Name & Degree(s)______________________________________________________________
Title _________________________________________________________________________
Institution_____________________________________________________________________
Address ______________________________________________________________________
_____________________________________________________________________________
Phone________________________________________________________________________
Fax__________________________________________________________________________
Email________________________________________________________________________

Registration Confirmation

_____Yes, I would like to receive confirmation of my registration by email.
(Please note that confirmation by fax or telephone is not available. Sorry!)

Please let us know if this is your first time at one of our conferences, so that we might greet you more personally…

Yes, this is my first ARENA conference! _______ Yes, this is my first PRIM&R conference! _______

Workshop Selections

You may attend ONE workshop in each series. Please fill in the corresponding number for each of the workshops you wish to attend (e.g., A1, B5, C13, D7). Due to the number of expected attendees, you MUST select your workshop choices.

ARENA Conference Workshops PRIM&R Conference Workshops
A _____ B _____ A _____ B _____ C _____ D _____

Attn: ARENA Workshop Attendees! To help ensure your questions and issues are addressed, please email them, along with the workshop number(s) to which they apply, before February 20 to Mary Lou James (mljames@mo.net). She will then forward them to the appropriate workshop leaders so that, where possible, they can be put on the session’s agenda.

PRIM&R 2000 IACUC Conference Dinner

Will you be joining us for our Conference Dinner on Monday, March 13, 2000?
(If you do not respond to this question, no dinner ticket will be issued. Sorry!)

Yes _______ No_______

Please specify any dietary requests or other special needs you might have during your time with us:
____________________________________________________________________________________
____________________________________________________________________________________
PRIM&R Fees
(Separate Check Payable to PRIM&R)

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Rate</td>
<td>$430</td>
</tr>
<tr>
<td>Late Registration Fee (after 2/14)</td>
<td>$50</td>
</tr>
<tr>
<td>Conference Proceedings (avail. 10/00)</td>
<td>$30</td>
</tr>
<tr>
<td>PRIM&amp;R Total</td>
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</tr>
<tr>
<td>I am using Purchase Order or Check #</td>
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ARENA Fees
(Separate Check Payable to ARENA)

<table>
<thead>
<tr>
<th>Membership Status</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Member</td>
<td>$150</td>
</tr>
<tr>
<td>Non-Member</td>
<td>$195</td>
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</tbody>
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Join ARENA today and receive all the benefits of membership, including the ARENA Newsletter, networking opportunities, and conference registration at the low member rate.

<table>
<thead>
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<th>Description</th>
<th>Amount</th>
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<td>2000 Membership Dues</td>
<td>$100</td>
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<tr>
<td>ARENA Total</td>
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Credit Card Orders

Visa __ Master Card __

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</thead>
<tbody>
<tr>
<td>Credit Card #</td>
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<tr>
<td>Expiration Date</td>
</tr>
<tr>
<td>Print Cardholder’s Name</td>
</tr>
<tr>
<td>Address</td>
</tr>
<tr>
<td>City State Zip Code</td>
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</tbody>
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I have read and understand PRIM&R and ARENA’s cancellation policy, and I hereby agree to all terms and conditions as stated in this brochure.

Signature

Please mail this registration form with payment to:
PRIM&R
Attn: IACUC Conference
132 Boylston St., 4th Floor
Boston, MA 02116

If you are using a Credit Card or P.O., you may fax the registration to (617) 423-1185.
A copy of the P. O. must accompany the registration form.