August is a time of year that I find myself full of admiration and pride, and I can’t help but feel a sense of gratitude to be part of Colorado State University. Who could be immune to the eager faces of new undergraduate and graduate students that we pass on the sidewalk struggling to find Lory Student Center and the Parking Office? They are so full of hope and excitement to get a healthy serving of exactly what we deliver – a premier education. For many students that experience will also mean plunging deep into the world of research and scholarly inquiry that is the shared passion of so many of us at CSU. At the Research Integrity & Compliance Review Office (RICRO), we are geared up for new faculty and new graduate student orientations. This is our chance to help people understand our mission – to facilitate the research endeavor and promote the ethical conduct of research. It is our privilege to help faculty, staff and students who use human subjects, animal subjects, recombinant DNA or infectious agents learn how to navigate the complex world of regulatory compliance in an expedient and effective manner. We are excited to hear about their new hypotheses and ideas, and greatly enjoy sharing our insight into how to get work approved by the faculty oversight committees prior to commencing the testing of their novel ideas.

I have found that sometimes new faculty do not fully appreciate the structure of the Office of the Vice President for Research, and when they realize that RICRO works synergistically with Sponsored Programs or Laboratory Animal Resources, for example, they are pleased to discover how the research administration system can help them from the proposal through the award stages of a funded project. I know how lucky CSU is to have the cadre of research administrators – consummate professionals who both know AND care about their discipline – to help “git er done.” Besides the outstanding IACUC, IRB and IBC Coordinators who help with protocol submissions and review, we now have the mission at RICRO to help the university promote the “responsible conduct of research” (RCR). This is one of the most exciting changes I have witnessed at CSU in the past 15 years (15 - really?) that I have been here. I have always been impressed with the ethical tone and caliber of my colleagues, and particularly with the Chairs and faculty members of our oversight committees. To see their philosophy culminate in an institutional approach to teaching ethics to the next generation of professional is an amazing and inspiring process. Just as I am grateful to the new students who are joining CSU for bringing us their energy and enthusiasm, so am I proud that their training will allow them to be the successful professionals bolstered with positive training in ethical decision-making and our core ethical values. I am sure many of you will be helping those eager (and scared?) faces with directions over the next few weeks. Please don’t forget to point them our way – to 321 General Service Building – so that we can assist and support them, too.
Announcement Regarding IACUC Training

“The Ethical Care and Use of Animal Subjects: What You Need to Know about What the IACUC Wants to Know”

As the new school year gets underway, and new faculty, staff and students arrive and prepare to start work with animals, RICRO will be offering IACUC training sessions. These one-hour sessions will provide an overview of what you need to know about the ethical use of animals for research, teaching, or testing at CSU, and how to navigate the process of obtaining Institutional Animal Care and Use Committee (IACUC) approval. The next training sessions will be:

2:00-3:00 PM, Thursday, September 1, 2011 and
2:00-3:00 PM, Friday, October 7, 2011.

Both sessions will be held in the General Services Building, Room #340.

Please visit the RICRO IACUC Training webpage for a link to register for one of these sessions.

Upcoming Mandatory Online Training

In addition, the IACUC is in the process of preparing a brief online training which will initially be voluntary, but will be phased-in to be mandatory for all Principal Investigators to take prior to their protocols being approved. This brief training will only take a few minutes and will be designed to provide the basic information on the regulatory requirements for individuals using animals for research, testing, and teaching. The training will be open to all CSU individuals working with animals. Please stay tuned for more information about this in the future.

IACUC Semi-Annual Inspections and AAALAC Site Visit

This is just a brief reminder to all investigators and staff members who use animals for research, testing, or teaching, or who are in charge of maintaining any facilities housing animals that not a part of the centralized animal facilities. The federally-required semi-annual inspections of animal housing and use facilities will be in October. Additionally, as a part of maintaining CSU’s Animal Care and Use Program accreditation by the Association for the Assessment and Accreditation of Laboratory Animal Care, International (AAALAC), there will be an AAALAC site visit team here sometime this fall, likely in mid-September or mid-October.

Drug Review Committee News

The oversight of the Drug Review Committee (DRC) has moved to Environmental Health Services (EHS) effective July 2011. If you will need access to controlled substances for your research, you will find information about how to apply for this access at:

http://www.ehs.colostate.edu/WDRC/Home.aspx

The new DRC Coordinator is Chris Giglio (EHS Chemical Management Officer). Please feel free to contact Chris (491-4830; chris.giglio@colostate.edu) with any questions regarding the Drug Review Committee.
IRB Refresher: Spotlight on Exempt Review

After careful consideration (and perhaps a call to the IRB Coordinators), you believe that your research does meet the “Research” and “Human Subjects” criteria, and you are beginning to prepare your material for the Institutional Review Board (IRB) review, but before you log into eProtocol and start creating a protocol, you may wish to take a closer look at the exempt-review criteria. The IRB has recently found that more protocols that are submitted for expedite review could potentially be reviewed via the exempt-review process (exempt application is a Word document submitted via email).

In general, projects that may fit the exempt-review criteria are anonymous, no risk, comparing educational methods, food tasting, or analyzing secondary, anonymous data. NOTE: Research with the prisoner population cannot be considered exempt.

According to the Code of Federal Regulations (45 CFR 46.101(b)), there are six main types of research activities that may be considered for the exempt-review process:

1. Research done in established or commonly accepted settings involving normal educational practices

2. Educational tests (cognitive, diagnostic, aptitude, achievement), surveys, interviews or observation of public behavior IF: Participants cannot be identified, directly or through linked identifiers AND Disclosure poses no risk of criminal or civil liability or damage to financial standing, employability, reputation, AND participants are NOT a child or member of vulnerable class

3. Educational tests (cognitive, diagnostic, aptitude, achievement), surveys, interviews or observation of public behavior that is not exempt under 2 above IF: the human subjects are elected or appointed public officials or confidential by statute.

4. Collection or study of existing data/specimens if: a) publicly available, or b) not recorded so the data can be linked to individuals

5. Research and demonstration projects that are approved by agency head to examine public benefit programs

6. Taste/food studies to study quality of wholesome food without additives or with ingredients found to be safe by USDA/FDA

For a detailed list of all Exempt criteria, please link to: [http://web.research.colostate.edu/ricro/hrc/forms.aspx](http://web.research.colostate.edu/ricro/hrc/forms.aspx). If your research meets one of the exempt criteria, please complete the “Request for Exemption for the Use of Human Subjects in Research” Word form, and email it to Janell Barker. Please note that it is the IRB who is charged to make the final exemption determination.

Human Subjects Research Training

All Principal Investigators (PIs) and Co-PIs on human subjects research protocols must complete human subjects protection training. This training can be either 1. On-campus training, OR 2. Online training from the [CITI site](http://www.citiprograms.org). Training must be renewed every three (3) years. The IRB strongly recommends that anyone else associated with the research team who will be interacting with the participants or having access to the data take one of the training options. For more information about CSU’s Human Subjects Protection Training, click here: [Researcher Training](http://www.csuonline.com). For more information, contact Renee Ikemire (491-1553) or Evelyn Swiss (491-1381). Upcoming training dates:

- Tuesday, August 30, 2011 (1:00—4:00 p.m.)
- Wednesday, September 21, 2011 (9:00 a.m. -noon)
- Tuesday, October 18, 2011 (1:00-4:00 p.m.)
- Wednesday, November 2, 2011 (9:00 a.m.—noon)
Responsible Conduct for Research (RCR) Training Opportunities

For those research trainees (undergraduates, master’s level, Ph.D, and postdocs) whose salaries are paid off of either NSF and NIH grants, Responsible Conduct of Research (RCR) is a training requirement.

RCR Online Training
Undergraduates need only take the RCR online training. This can be found at http://rcr.colostate.edu/training.html. There are no fees or registration associated with this training. Participation is tracked by the system and a certificate of completion can also be printed out for the participant. The training can be done in approximately one hour and fifteen minutes. Anyone can take this online training—faculty, staff and administrators as well as students.

Face-to-Face (f2f) Coursework
Graduate level students must take the online training described above plus a f2f course. There are several discipline specific RCR courses available. For those disciplines that do not have an RCR specific course, Grad 544A-C: Ethical Conduct of Research provides training in the RCR nine core competencies outlined by the NIH. A list of all RCR courses can be found at: http://rcr.colostate.edu/courses.html.

Grad 544 Ethical Conduct of Research-Fall, 2011
Grad 544 is offered Fall, 2011. This is a one-credit course that meets once per week for eight weeks beginning Monday, September 12th and ending Monday, November 6th from 3:00-5:00 in Clark, C-wing, Room 146.

Contacts
If you have any questions regarding RCR Training, please contact Marty Welsch, RCR Coordinator, at Marty.Welsch@colostate.edu or 491-4036 or Kathy Partin, RCR Director, at Kathy.Partin@colostate.edu or at 491-1553.

Schedule of Events
August through November 2011

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<thead>
<tr>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
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<tbody>
<tr>
<td>18 IRB Meeting</td>
<td>11R Training (9:00am-4:00pm)</td>
<td>5 IBC Deadline</td>
<td>2 IBC Deadline</td>
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<tr>
<td>19 Basic Research Techniques w/ M</td>
<td>5 University Holiday</td>
<td>11 IACUC Deadline</td>
<td>2 IRB Training (1:00pm-4:00pm)</td>
</tr>
<tr>
<td>22 GRAD 544A-C classes start</td>
<td>6 &amp; 7 Managing Global Conflict Ten</td>
<td>12 IBC Meeting</td>
<td>8 IACUC Deadline</td>
</tr>
<tr>
<td>23 IACUC Meeting</td>
<td>6 Research Prelim Exam begins</td>
<td>13 IRB Deadline 5:00pm</td>
<td>9 IRB Meeting</td>
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<tr>
<td>30 IRB Training (1:00pm-4:00pm)</td>
<td>7 IBC Deadline</td>
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<td>10 IRB Deadline 5:00pm</td>
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<td>20 IRB Meeting</td>
<td>17 IRB Meeting</td>
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<tr>
<td>13 IACUC Deadline</td>
<td>25 IACUC Meeting</td>
<td>22 IACUC Meeting</td>
<td>24 University Holiday</td>
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<tr>
<td>14 IBC Meeting</td>
<td>TBA CARE Hands-on Workshops</td>
<td>25 University Holiday</td>
<td>TBA Rodent Anesthesia Workshop</td>
</tr>
<tr>
<td>15 IRB Meeting</td>
<td>21 IRB Training (9:00am-12:00pm)</td>
<td>24 University Holiday</td>
<td>25 University Holiday</td>
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<tr>
<td>27 IACUC Meeting</td>
<td>TBA Rodent Necropsy Workshop</td>
<td>TBA Rodent Anesthesia Workshop</td>
<td>TBA Rodent Anesthesia Workshop</td>
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To access the full RICRO calendar, go to: http://web.research.colostate.edu/ricro/calendar.html
RICRO Contact Information

RICRO Director:  
Kathy Partin, Ph.D.  
Kathy.partin@colostate.edu  
970.491.1563

Front Office:  
Renee Ikemire  
ircr_prg_information_reply@colostate.edu  
970.491.1553

Institutional Review Board (IRB) - Human Subjects Research  
janell.barker@colostate.edu  
970.491.1655  
evelyn.swiss@colostate.edu  
970.491.1381  
Janell Barker  
Evelyn Swiss

Institutional Animal Care & Use Committee (IACUC) Research with animals  
bill.moseley@colostate.edu  
970.491.8060  
elaine.kim@colostate.edu  
970.491.0236  
Bill Moseley  
Elaine Kim

Institutional Biosafety Committee (IBC) - Responsible use of biohazardous agents & rRNA  
christine.johnson@colostate.edu  
970.491.8690  
Christine Johnson

Responsible Conduct of Research (RCR):  
marty.welsch@colostate.edu  
970.491.7194  
Marty Welsch
The Front Range Biological Safety Association (FRaBSA) is very pleased to announce that we are now an official Affiliate of the American Biological Safety Association (ABSA)! We celebrated this accomplishment at our August 4, 2011 meeting. The meeting was hosted by Charles Stith and Madeline Dalrymple at the University of Wyoming in Laramie, WY. Lunch was co-sponsored by the UW College of Agriculture and Department of EH&S. Dr. Hank Edwards (Wildlife Disease Specialist from the Wyoming Game & Fish Department) gave a talk on their surveillance programs for Chronic Wasting Disease and brucellosis, which are endemic in the deer and elk population in Wyoming. Lastly, Charlie and Madeline gave us a tour of their new BSL3 facility. Anyone interested in becoming a FRaBSA member should go to the FRaBSA website (http://frabsa.org/) or contact Christine.Johnson@colostate.edu.