Important Information Regarding Hands-On Training for Those Working with Vertebrate Animals

The Purdue Animal Care and Use Committee (PACUC) considers hands-on animal training a requirement for those working with live, vertebrate animals at Purdue University.

Our Training Coordinator has been working diligently to accommodate those in need of training. However, there has recently been a drastic increase of students coming for training with no clear understanding of what the project will require of them, what specific training is needed or even what species they will be working with. This has created great difficulty for the training coordinator and has resulted in an inefficient use of time and resources.

PACUC and the Lab. Animal Program asks that you please note: beginning May 1, 2017, any student that comes for training and is not able to clearly communicate what species they will be working with and what procedures they need to learn will be turned away that day and asked to reschedule at a later point when they have a full understanding of their involvement in the animal activity.

We would also like to ask that you check the campus map if you are unfamiliar with the AHF location. Students who arrive more than a few minutes late (without prior notification) WILL BE ASKED to reschedule.

Please contact Carol Dowell, Training Coordinator (dowellc@purdue.edu), Lisa Snider, PACUC Administrator (ldsnider@purdue.edu), with any questions that you may have regarding the information above. Thank you for your understanding of this important matter.
IMPORTANT for Anesthesia Machine Users

As a reminder to all laboratories and research areas please be aware that the traditional isoflurane machines you are using in your laboratory space for anesthesia are required to be calibrated one time per calendar year.

These anesthesia machines should be certified by a professional group, preferably someone that will come to your laboratory or research area on campus. This group is the one most of campus uses:

**Vetamac, Inc.** [www.vetamac.com](http://www.vetamac.com)
130 Roth Court, Suite 100
PO Box 178
Rossville, IN 46065
800-334-1583

**Contact person for West Lafayette, Purdue Campus:**
Heidi Lescun, Lafayette, Indiana
Service Technician/Sales Associate
[heidi.lescun@vetamac.com](mailto:heidi.lescun@vetamac.com)

FYI: This does not apply to the newer digital anesthesia machines, which do not require calibration.
Poultry: An Emerging Research Model
Webinar

This webinar will focus on working with poultry, in particular chickens, within the research environment. Galliformes have played a vital role in biomedical research, contributing to our understanding of many diseases. In addition, some chickens and ducks spontaneously develop a form of muscular dystrophy that is very similar to our own, making them a key model for this research. These species have also contributed significantly our understanding of various infectious diseases, particularly contributing to our current focus on Avian Influenza and West Nile Virus. Information will be provided on the basics of avian anatomy and the unique features that make galliformes an emerging laboratory animal species. We will cover the fundamentals of handling and caring for chickens with special emphasis on bird behavior and the provision of social enrichment. Specific techniques related to avian surgery and common laboratory procedures will also be discussed. You will learn about the amazing avian egg and how it is used in a wide variety of investigations, from understanding embryonic development to the creation of human vaccines and proteins of therapeutic interest. Finally, we will take a look at all of the reasons that the poultry are indeed the ideal laboratory animal.

Audience: Veterinarians, researchers, IACUCs, senior technicians, and staff.

Presenter: Lisa M. Kelly, BSA, RLATG
Lisa Kelly is a graduate of the University of Georgia. From 2000 to 2006, Ms. Kelly worked at the University of Georgia as a research scientist in avian surgery. She trained others on various surgical techniques and avian husbandry, including semen collection and artificial insemination, incubation and hatching of eggs, candling of embryos, debeaking, wing-banding, blood and tissue collection, ova collection, intubation, and cervical dislocation. Currently, Ms. Kelly is a Training Core and Quality Assurance Manager at the University of Georgia. Ms. Kelly is currently President of the Laboratory Animal Welfare Training Exchange (LAWTE).

Webinar limited time access has been purchased by EVPRP. If you are unable to attend this webinar but still want to view this presentation, please contact the Purdue Training Coordinator at 765-494-2521, or dowellc@purdue.edu.
I will be offering the following training workshops with a maximum of 6 participants in each session. (If you have any questions or special requests, please do not hesitate to contact me; 765-494-2521 or dowellc@purdue.edu)

These hands-on workshops are designed to introduce the participant to the basic techniques in the laboratory rat and mouse. The Handling/Restraint workshop is a prerequisite for participation in all other workshops; unless participant has had previous training and/or experience in this area. A minimum of 3 days notice is requested for cancellation.

Workshops are filled on a first-come, first-serve basis! Workshops are free to personnel tied to Purdue protocols, Purdue staff/faculty. You are encouraged to participate in workshops that are directly related to techniques in your protocol.

**** Location for the RODENT workshops – Meet in AHF 1155 ****

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We would also like to ask that you check the campus map if you are unfamiliar with the AHF location. Students who arrive more than a few minutes late (without prior notification) WILL BE ASKED to reschedule.

Please visit, http://www.purdue.edu/research/research-compliance/regulatory/care-use-of-animals/workshops-events.php and select areas of training required per your protocol and register through the "Sign Up" link. (If the following times do not fit your schedule or training needs, I would be happy to set up training for most any species on an individual basis.)

**Basics of Rodent Handling, Restraint, and Normal Behavior (Rat & Mouse)**

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<td>5/16/17</td>
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<td>6/20/17</td>
<td>8:30am – 11:30am *Large class Handling + Injections</td>
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**Injections in the rat and mouse; ID, IM, SC, IP**

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<td>7/10/17</td>
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Blood Collection in the Rat and Mouse
5/26/17 – Friday 9:00am – 11:00am
6/21/17 – Wednesday 9:00am – 11:00am

Tail Vein Injection in the Lab. Rat and Mouse
5/31/17 – Wednesday 8:30am – 10:30am
6/22/17 – Thursday 9:00am – 11:00am

Rodent Oral Gavage
5/24/17 – Wednesday 9:00am – 11:00am
6/23/17 – Friday 9:00am – 11:00am

Isoflurane Gas Anesthesia
5/23/17 – Tuesday 9:00am – 11:00am
6/19/17 – Monday 1:30pm – 3:30pm

Wound closure and Suturing Basics
6/8/17 – Thursday 9:00am – 11:00am
7/11/17 – Tuesday 1:30pm – 3:30pm

Orbital Sinus Injection – (As an alternative to tail vein injection)
6/12/17 – Monday 1:30pm – 3:30pm
7/18/17 – Tuesday 9:00am – 11:00am

Aseptic Technique / Surgical Preparation
6/8/17 – Thursday 1:30pm – 3:30pm
7/12/17 – Wednesday 9:00am – 11:00am

Euthanasia / Basic Necropsy / Organ Identification
5/23/17 – Tuesday 1:30pm – 3:30pm
6/7/17 – Wednesday 1:30pm – 3:30pm
6/20/17 – Tuesday 1:30pm – 3:30pm *Large class- Euthanasia, cardiac blood collection, basic necropsy.
7/18/17 – Tuesday 1:30pm – 3:30pm
7/31/17 – Monday 1:30pm – 3:30pm

Combined Techniques * (Prior experience/training in majority of courses is required)
This workshop is designed to incorporate all that you have learned regarding rodent handling, injections, blood collection, anesthesia, surgical prep, wound closure and euthanasia. *You should come prepared to practice specific techniques that you will be using in your research.*
8/1/17 – Tuesday 9:00am – 11:00am
PURDUE ANIMAL CARE AND USE COMMITTEE

Administrative staff

Phone: 765/494-9163  
Fax: 765/496-2415

Lisa Snider, PACUC Administrator: ldsnider@purdue.edu
Melissa Panici, PACUC Secretary: mpanici@purdue.edu
Lori Bugher, PACUC Admin Assistant: lbugher@purdue.edu
Carol Oteham, Occupational Health and Safety Specialist: coteham@purdue.edu
Deana Galema, Animal Exposure Health & Safety Secretary: dgalema@purdue.edu

2017 PACUC MEETINGS

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