2015 Holiday Schedule for Animal Ordering and Animal Deliveries

Please note the revised animal ordering schedules for the last two weeks of December;

**Deliveries of Week of 12/21—12/25:**

Ordering deadlines remain the same, however *Jackson Lab will not deliver that week at all*. If you need animals from Jackson, the last delivery for 2015 will be on Thursday, 12/17/15.

**Deliveries Week of 12/28—1/1:**

University is CLOSED, no animal deliveries.
Spring 2016 Rodent Workshops!

I will be offering the following training workshops with a maximum of 5 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 injection, oral gavage, and blood collection, 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. It is most helpful if participants are familiar with their project/protocol prior to attending class!

- Location for the following workshops – Meet in AHF 1155.

Please visit [http://www.purdue.edu/research/research-compliance/regulatory/care-use-of-animals/workshops-events.php](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.)

1. **Basics of Rodent Handling, Restraint, and Normal Behavior (Rat & Mouse)**
   - 1/15/16 – Friday 8:30 – 10:30am
   - 1/21/16 – Thursday 8:30 – 10:30am
   - 1/27/16 – Wednesday 1:30 – 3:30pm
   - 2/2/16 – Tuesday 1:30 – 3:30pm
   - 2/8/16 – Monday 1:30 – 3:30pm
   - 3/4/16 – Friday 8:30 – 10:30am
   - 4/7/16 – Thursday 8:30 – 10:30

2. **Injections in the rat and mouse; ID, IM, SC, IP**
   - 1/22/16 – Friday 8:30 – 10:30am
   - 2/4/16 – Thursday 8:30 – 10:30am
   - 2/17/16 – Wednesday 1:30 – 3:30pm
   - 3/4/16 – Friday 1:30 – 3:30pm
   - 3/10/16 – Thursday 8:30 – 10:30am
   - 4/7/16 – Thursday 1:30 – 3:30pm

3. **Blood Collection in the Rat and Mouse**
   - 1/29/16 – Friday 8:30 – 10:30am
   - 2/3/16 – Wednesday 1:30 – 3:30pm
   - 2/18/16 – Thursday 8:30 – 10:30am
   - 3/8/16 – Tuesday 8:30 – 10:30am
   - 4/11/16 – Monday 1:30 – 3:30pm
4. **Tail Vein Injection in the Lab. Rat and Mouse**
   - 2/22/16 – Monday 1:30 – 3:30pm
   - 3/3/16 – Thursday 8:30 – 10:30am
   - 3/28/16- Monday 1:30 – 3:30pm

5. **Rodent Oral Gavage.**
   - 2/10/16 – Wednesday 8:30 – 10:30am
   - 2/26/16 – Friday 8:30 – 10:30am
   - 3/8/16 – Tuesday 1:30 – 3:30pm

6. **Isoflurane Gas Anesthesia**
   - 1/26/16 – Tuesday 8:30 – 10:30am
   - 2/9/16 – Tuesday 1:30 – 3:30pm
   - 2/24/16 – Wednesday 8:30 – 10:30am
   - 3/7/16 – Monday 1:30 – 3:30pm
   - 4/12/16 – Tuesday 8:30 – 10:30am

7. **Wound closure and Suturing Basics**
   - 2/18/16 – Thursday 1:30 – 3:30pm
   - 3/9/16 – Wednesday 1:30 – 3:00pm

8. **Orbital Sinus Injection – (As an alternative to tail vein injection)**
   - 2/26/16 – Friday 1:30 – 3:30pm
   - 3/29/16 – Tuesday 8:30 – 10:30am

9. **Aseptic Technique / Surgical Preparation**
   - 2/19/16 – Friday 8:30 – 10:30am
   - 3/11/16 – Friday 8:30 – 10:30am

10. **Euthanasia / Basic Necropsy / Organ Identification**
    - 1/29/16 – Friday 1:30 – 3:30pm
    - 2/11/16 – Thursday 1:30 – 3:30pm
    - 3/2/16 – Wednesday 8:30 – 10:30am
    - 3/29/16 – Tuesday 1:30 – 3:30pm
    - 4/12/16 – Tuesday 1:30 – 3:30pm

11. **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.**
    - 4/6/16 – Wednesday 8:30 – 11:00am
Disposable Dust Masks: The Filtered Facts

By Heather Boudreau | December 2015

It is not uncommon to have questions about a Respiratory Protection Program (RPP), especially when it comes to disposable dust masks, which OSHA calls “filtering facepieces”. All of the OSHA requirements in the Respiratory Protection Standard apply to the use of these masks if they are required by the employer to protect an employee from any form of dust that exceeds the OSHA Permissible Exposure Limit (PEL). So, the first thing that must be determined… Are they required? If your work area risk assessment indicates the need for respiratory protection and/or it is part of the SOP (Standard Operating Procedure), then you are required to participate in Purdue’s RPP. When exposures do not exceed PEL’s, employees may voluntarily use a dust mask.

The next steps vary, depending on whether your exposure falls into the required or voluntary category. Anyone that is required to use a filtering facepiece must receive a medical evaluation as outlined in the table below and annually be fit tested. For those that are using the protection voluntarily, they will be provided an informational form to read and sign and are not subject to the medical evaluations and annual fit testing.

<table>
<thead>
<tr>
<th>Age</th>
<th>Medical Testing Frequency</th>
<th>Fit Test</th>
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<tr>
<td>Less than 35 years</td>
<td>Every 5 years after baseline</td>
<td>Every year</td>
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<tr>
<td>35-44 years</td>
<td>Every 2 years after baseline</td>
<td>Every year</td>
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<tr>
<td>45 years or older</td>
<td>Every year after baseline</td>
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<tr>
<td>Voluntary Use</td>
<td>Not required</td>
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NIOSH Recommendation-Criteria Document 91-119 APPENDIX H)

The terms dust mask, N95 mask, and filtering facepiece all seem to be used interchangeably. What do they mean? There are 3 main types of dust masks: N-series, R-series and P-series. These letters are then followed by a number (95, 99 or 100), which indicate the % of efficiency that particles are filtered. The most common one that you will see is an N-95 mask, which is non-oil proof and filters out 95% of particulates. These designations are given to dust masks after they have been tested by the National Institute of Occupational Safety and Health (NIOSH).

...Continued page 5
Are all dust masks created equal? No! There are many dust masks on the market and you should only use NIOSH approved respiratory protection (applicable to both required and voluntary users) to ensure that the mask will perform to its given specifications. The main differences between N-95 masks are fit & function, which varies by model number. All N-95 masks are composed of a filtering medium, but may have some functionality differences such as an exhalation valve or a surgical mask overlay. Just as we do not all wear the same size and style of clothes, we will not all wear the same size and style of dust masks. Our unique facial structures will determine which size and style of mask is individually best for each person. With that said, it is equally important that you continue to use the specific mask that you were fitted with to ensure suitable performance.

As author Chuck Paulausky states in the article Clearing the Air about Disposable Dust Masks, “Always be sure that you have chosen the correct mask for the application and that you follow all of the manufacturer’s recommendations and all OSHA requirements”. If you do not understand these components, please discuss with your supervisor, professor, or Principal Investigator (PI). And for more information, follow the link below.

References:
PURDUE ANIMAL CARE AND USE COMMITTEE

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2016 PACUC MEETINGS

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