UCSF Neuroscience Program: Required Lab Trainings

Prior to working in a UCSF lab all individuals are required to complete training in the following areas. All but one of the trainings is offered online and may be completed prior to arriving at UCSF. Trainings must be completed by October 1 of the first year before first paycheck is issued. (Extension of this deadline will be granted if in-class trainings prior to Oct 1 are full.)

Offered Online (may be completed before arriving at UCSF):
1. Basis Regulatory and Ethical Requirements (BRER) I and II
2. Lab Safety Training for Researchers
3. Radiation Safety
4. Controlled Substances
5. Bloodborne Pathogens
6. Laboratory Fume Hood Safety
7. Biosafety Level 2
8. Carcinogen Training
9. Formaldehyde Training
10. Ergonomics: Laboratory Training

In-Class (incoming students may take this class in the fall):
11. Veterinary Mini-Course: Mouse Handling

To Register for Trainings:
To take the online trainings you will first need to apply for a username and password at: https://www.researchonline.ucsf.edu/requestLogin.asp

Incoming Neuroscience students: Training staff has a list of your names so that you may sign up in advance of arriving at UCSF. Note: it may take several days for a password to be issued.

You will need to provide the following information:

First name:
Last name:
SSN (last 4 digits): xxx-xx-______
UCSF Department: Physiology
Job Title: Graduate Student
Degree: BS, BA or your current degree
Campus Mailbox: BOX 2811
Campus Mailing Address: 1550 4th St., Box 2811, SF CA 94143-2811
Campus Phone: 415-476-2248
Email: list your email address
PI or Supervisor’s Name: Louis Reichardt
PI or Supervisor’s Phone: 415-476-3976

Select one or more reasons for requesting a Username and Password (Click on the 2nd and 3rd items):

1. Require CHR online training (eg. Human Subject Protections), online access to CHR Protocols.
2. Require IACUC online training (eg. Basic Regulatory and Ethical Requirement), online access to IACUC Protocols.
3. Require EH&S online training (eg. Hazardous Waste Management, Fire Safety, Ergonomics), online access to RUA, BUA, CSA Authorizations.
4. Other. Please describe below.
TRAINING DESCRIPTIONS and LINKS

A. ONLINE TRAININGS:

1. Basic Regulatory & Ethical Requirements (BRER) Training – Parts I & II
   The Institutional Animal Care and Use Committee (IACUC):
   http://www.iacuc.ucsf.edu/Training/awTrain.asp
   The Basic Regulatory & Ethical Requirements (BRER) training, Parts I and II, is a requirement for all students. This course is offered as online training only and may be completed prior to your arrival at UCSF. Please visit the website for instructions and to take the training.

2. Lab Safety for Researchers
   Office of Environmental Health & Safety:
   http://or.ucsf.edu/ehs/7240-DSY/7293
   This class introduces chemical safety, biosafety, IIPP, ISEMs, fire safety, and emergency procedures. It fulfills training requirements for Hazcom and IIPP. It is required for ALL campus laboratory research personnel within 10 working days of their date of initial employment or for graduate students within their first year prior to beginning laboratory rotations.

3. Radiation Safety
   Office of Environmental Health & Safety:
   http://or.ucsf.edu/ehs/7239-DSY.html
   This class is basic radiation safety as mandated by Title 17 and it is required for all users of radioactive material or radioactive devices such as x ray machines. Completion of the course and passing the test is required prior to employee’s name being added to a Radioactive Materials Use Authorization. Completion of Laboratory Safety for Researches is required prior to taking this class.

4. Controlled Substances Training
   Office of Environmental Health & Safety:
   http://or.ucsf.edu/ehs/7662-DSY/8818-DSY.html
   This class describes procedures for users who will be working with DEA regulated material. Completion of the course and passing the test is required prior to the employee’s name being added to a Controlled Substance Use Authorization. Completion of Laboratory Safety for Researches is required prior to taking this class.

5. Bloodborne Pathogens Initial Training
   Office of Environmental Health & Safety:
   http://or.ucsf.edu/ehs/7240-DSY/Training.html
   This class presents the information required by the California Bloodborne Pathogens Standard, including the requirements of the Standard, the nature and epidemiology of bloodborne pathogens, and the methods of protecting against exposure. It is required for all employees working with human source materials or cell cultures who have not had UCSF bloodborne pathogens training. This class is offered on the first, second and fourth Wednesdays of each month 2:30 - 3:30 p.m. at the Office of Environmental Health and Safety (50 Medical Center Way). No BBP training is routinely conducted on a fifth Wednesday of the month.

6. Laboratory Fume Hood Safety Training
   Office of Environmental Health & Safety:
   http://or.ucsf.edu/ehs/7241-DSY/training.chem.html
   Laboratory Fume Hood Safety Training is required at UCSF for all researchers that conduct experiments using chemical fume hoods. Fume hood safety training is mandated by CAL/OSHA (Title 8 CCR Section 5154.1). This training course covers several topics related to chemical fume hood usage including the functional characteristics of a fume hood and the different types of fume hoods used at UCSF. Additionally, fume hood airflow monitoring
7. **Biosafety Level 2**
http://or.ucsf.edu/ehs/7240-DSY/7293
The Biosafety Level 2 – Laboratory Safe Practices online training course is required for all laboratory personnel at UCSF who will be working in a laboratory with Risk Group 2 biomaterials. This training is mandated by Center for Disease Control (CDC), the National Institute of Health (NIH) and the UCSF Institutional Biosafety Committee (IBC). Refer to your laboratory’s Biological Usage Authorization (BUA) to determine if you lab operates at BSL2 status. The course includes descriptions of Risk Group 2 biological materials, BSL2 containment and safety policies, and the use of Biosafety Cabinets. In addition, important biosafety procedures when working with animals are discussed as are relevant emergency procedures.

8. **Carcinogen Training**
http://or.ucsf.edu/ehs/7241-DSY/training.chem.html
Programs have been implemented to train laboratory personnel and to monitor the handling of chemicals from the moment they are ordered until their departure for ultimate treatment or disposal. All UCSF Principal Investigators (PIs) and laboratory workers must adhere to the campus chemical policies and procedures in the conduct of their research and the management of their laboratories.

9. **Formaldehyde Training**
http://or.ucsf.edu/ehs/7241-DSY/training.chem.html
Programs have been implemented to train laboratory personnel and to monitor the handling of chemicals from the moment they are ordered until their departure for ultimate treatment or disposal. All UCSF Principal Investigators (PIs) and laboratory workers must adhere to the campus chemical policies and procedures in the conduct of their research and the management of their laboratories.

10. **Ergonomics: Laboratory Training**
http://or.ucsf.edu/ehs/7399
A comprehensive training was developed to introduce you to the ergonomics risk factors in the laboratory, basic ergonomic principles and their application to the laboratory setting and the resources available to you.

B. **IN-CLASS TRAINING:**

11. **Veterinary Mini-Course**
The Institutional Animal Care and Use Committee (IACUC):
https://www.researchonline.ucsf.edu/registration/IACUCClassSessions.asp
Species-specific training is required for all personnel who will be in direct contact with animals. Students are required to take the following mini-course. Pre-registration is required, though "stand-by" students can occasionally be accommodated. All classes are in PSB 370, on the Parnassus campus.

**Mouse - Basic Introduction:**
All students review basic husbandry, health evaluation, identification, handling and euthanasia of laboratory mice. Anesthetic choice and use are discussed and demonstrated. Hands-on training in drug/substance administration, sample collection, and other techniques are tailored to the participants present. Participants should read their animal use approval in advance to know what techniques they will need in their research.