Graduate School News

Fees for Spring 2016 due January 4th

Students appointed as graduate associates or fellows for spring should be aware that the
deadline for spring is January 4. Your fees must be correctly paid by that date in order to

**Undergraduate Teaching Opportunity**

The Biomedical Science undergraduate program has volunteer teaching opportunities for semester. If you enjoy teaching or want some experience, this will provide it to you. The opportunities range from helping with demonstrations of equipment/relating personal experiences to giving the entire lecture. Below are the classes, dates and topics for the lectures. If you have an interest, please contact John.Gunn@osumc.edu with your top 3 choices of lectures. You will also need to get the PI to participate this.

Class 3: January 19
- Analysis of tissues/cells- Immunohistochemistry, histology, Immunoprecipitation; Instructor: Gunn

Class 4: January 21
- Tissue culture; Instructor: Waldman

Class 5: January 26
- Immunology-based assays (antigen antibody interactions); Instructor: Waldman

Class 6: January 28
- Immunology-based assays (cont.); Instructor: Waldman

Class 8: February 4
- Protein extraction (total, organelles, cellular compartments quantitation; SDS-PAGE; Western blotting; Instructor: Gunn

Class 11: February 16
- DNA isolation (genomic, plasmid); PCR design (primer design, bioinformatics); Instructor: Gunn

Class 12: February 18
- Cloning (restriction digestion, ligations, choice of vectors, transformation; mammalian cell transfection); Instructor: Acharya

Class 13: February 23
- Intro to gene expression, cultivation of bacteria; Instructor: Acharya

Class 14: February 25
- Agarose gel electrophoresis, pulsed-field gel electrophoresis, electrophoretic mobility shift assay; Instructor: Acharya

**Introduction to Neuroscience (30000) TA**

This is an opportunity to get some teaching experience for a BSGP student with interest in and a basic knowledge of neuroscience. The duties include meeting with students to answer questions, holding review sessions. There is an opportunity to lecture if desired, but this is not required or expected if you are not comfortable with this. The time commitment is at most a few hours a week. Unfortunately, there is no stipend available. If interested please contact Dr. Tom Boyd, boyd.16@osu.edu for more information.

**Events**

**IBMR Speaker Series**

Wednesday, January 6th, 2016
11:00 a.m. - 12:00 p.m.
Biomedical Research Tower (BRT) room 105
460 W. 12th Ave

Perinatal Diet Affects Brain Development:
A Role for DNA Methylation and Inflammation
Teresa M. Reyes, Ph.D.
University of Cincinnati
College of Medicine
Associate Professor
Department of Psychiatry and Behavioral Science

Russell Klein Nutrition Research Symposium
Thursday, March 3, 2016
8:00am-5:00pm
OSU Biomedical Research Tower

For more information, please email rks.osugsns@gmail.com

Other Information

Spring 2016 Offering: ANIMSCI 7730

ANIMSCI 7730 Endocrinology (4 credits)

Students will learn from various OSU experts from the Departments of Animal Sciences and Human Sciences about cell to cell communication with animal and human research being used as models.

Topics to be covered:

- Endocrine principles
- Hormone receptors
- Signal transduction
- Hypothalamus
- Pituitary
- Thyroid
- Parathyroid
- Adrenal
- Gastrointestinal and pancreatic hormones
- Adipose tissue
- Reproductive endocrinology

Meeting Times: Mondays and Wednesdays 3:00-5:05
Meeting Location: 243 Campbell Hall
Prereq: Biochem 4511 or permission of instructor
For more information or permission to enroll contact:
The Chateubriand Fellowship

The Embassy of France in the United States is accepting applications through January 2 for the Chateubriand Fellowship. This grant supports U.S. PhD students conducting research in France for four to nine months. 

More...

Cleveland Clinic Postdoc Position

For more information on the position, click here.