The Ohio State University

This Week's Newsletter
Graduate School News and Events

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Important Deadlines

Office Hours
Office hours:
8:00 am- 5:00 pm
Monday-Friday

You may stop by 1170 or 1178 Graves Hall anytime to ask questions of Amy Lahmers, Program Director, or Lauren Graham, Office Associate.

E-Newsletter

College of Medicine
Biomedical Sciences Graduate Program E-Newsletter
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For the Week of October 12, 2014

Graduate School News and Events

Congratulations!

Congratulations to Cynthia Canan on receiving a CMIB Interdisciplinary
Neuroscience Seminar Series: 'Synapses in normal and abnormal brain function'

Monday, October 13, 2014
12:00-1:00 pm
Room 115 Biomedical Research Tower

Dr. Malinow’s research is directed towards an understanding of how the brain forms and stores memories. His laboratory examines how neuronal activity controls the strength of communication between neurons, at sites called synapses. Such synaptic plasticity is thought to underlie the formation and storage of memories. Synapses are key sites affected by diseases of cognition. It is believed that a detailed understanding of synaptic plasticity will identify critical steps that may be the targets of diseases such as Alzheimer’s disease.

More recently his laboratory has expanded into disease related studies, including Alzheimer’s disease, schizophrenia and depression. In a series of studies he examined the effects of A-beta on synapses. A-beta peptide, a proteolytic product of APP, is thought to be central to the pathogenesis of Alzheimer’s disease. However, the functional relationship of APP and A-beta to neuronal electrophysiology was not known. His
laboratory has shown that neuronal activity modulates the formation and secretion of A-beta peptides from neurons.

Download Seminar Flyer

AWIS presents: Eminent OSU Scholars Seminar Series

What: "Part I. Curing adult acute leukemia
Part II. Female physicians in academic medicine 1969-present"
Speaker: Distinguished University Professor Clara C. Bloomfield, MD
Where: 115, Biomedical Research Tower (BRT), 460W 12th Ave
When: October 16, 2014, 2 p.m-3 p.m.

This is a 2 part seminar event. In this seminar, Prof Clara Bloomfield will talk about her research on Adult Acute Leukemia and her story as she developed her career.

The seminar will be followed by networking event to connect our audience to Dr Bloomfield and AWISCO community. AWISCO representatives will be there to tell more about our activities/programs and information on AWIS members, including free AWIS National membership to all STEM graduate students, junior and senior level undergraduates.

The target audience for this event are undergraduate students, graduate students, postdocs, and faculty members in all STEMM disciplines.

BSGP Travel Award Competition

We would like to invite and encourage all post-candidacy students to apply to be speakers at the retreat. We will have 8 student speakers, and two will win a $1,000 travel award and the Best Student Speaker will be awarded an additional $500 award from Procter & Gamble. To participate as a speaker and in the Biomedical Sciences Graduate Program Student Travel Award Competition, write a one-page double spaced abstract about your research project and return as a MS Word attachment to bsgp@osumc.edu by Friday, October 17. Abstracts will be reviewed by a faculty Committee and eight students will be selected to make a 10 minute science presentation at the Retreat.

Idealist Grad Fair

Idealist.org is a nonprofit organization that aims to match those interested in public service with organizations that have job or volunteer opportunities available. I encourage you to check out their website by

https://ui.constantcontact.com/visualeditor/visual_editor_preview.jsp?agent.uid=1118813259861&format=html&print=true
going to www.idealist.org and checking out their Mission and Vision, as well as their organizational history, their Idealist Careers site, and finally, their Grad Fairs information. Although well-suited for Public Administration, their events often have representatives from business programs, law, healthcare, education, STEM, general graduate admissions, and many other fields.

For the first time ever, Idealist.org is hosting a Graduate School Fair in the state of Ohio. They have chosen The Ohio State University as their location and The John Glenn School of Public Affairs will be the official host for the event. This is a very exciting opportunity for Ohio State and the Columbus area to show off our wonderfully educated students to those looking to recruit them.

The Columbus Idealist Grad Fair will be held on Monday, October 27th, from 5:00-8:00pm in the Blackwell Inn and Conference Center on OSU's campus. See the flyer for the Idealist Grad Fair here.

15th Annual Great Lakes Transplant Immunology Forum
WHERE: BRT Auditorium (115)
WHEN: October 30-31st, 2014 (Thu-Fri)
WHO SHOULD ATTEND: Faculty and Research Trainees interested in Immunology Research
Those interested in attending may register by contacting Angela Butler at angela.butler@osumc.edu or call 293-6177

A Conversation on Race, Writing and Culture with Zadie Smith
Thursday, November 13th 5:00pm
Mershon Auditorium
Wexner Center for the Arts
1871 N. High Street
Free and open to the public. Online RSVP recommended.

BSGP Annual Retreat
Mark your calendar for the Biomedical Sciences Annual Retreat
on **Wednesday, December 10, 2014 from 8:15 am-3:30 pm.** The Retreat will be held at Ohio State’s Nationwide and Ohio Farm Bureau 4-H Center (across from the Schottenstein Center on campus); a continental breakfast and lunch will be provided. Students, please invite your mentor. A detailed agenda will be sent later this Fall.

**Course Offering Spring Semester 2015**

The Molecular Pharmacology of Cell Signaling  
Pharmacy 8700-2 units, Tuesday and Thursday, 11:30 A.M. 544 Parks Hall, 500 West 12th Avenue  
Instructor: Anthony P. Young; young.38@osu.edu

An appreciation of the basic mechanisms of cell signaling is essential to achieve a more general understanding of the means by which drug-receptor interactions lead to therapeutic effects. This course integrates mathematical, biochemical, and molecular biological approaches toward this end. The first section of the course covers the basic and practical analytic methods to characterize drug receptors. Subsequent sections delve into the cell signaling mechanisms by which the three major classes of signaling receptors (G protein coupled receptors, tyrosine kinase receptors, and ligand-activated nuclear receptors) exert their effects. Please see the [course description](#) and [course syllabus](#).

**Other News**

**Procter & Gamble Positions**  
Exciting Opportunity for Aspiring Biomedical Researchers - Applications Closing Soon!

The National Institute of Allergy and Infectious Diseases (NIAID), one of the largest Institutes at the National Institutes of Health (NIH), is looking for science students with a passion to improve global health in the 21st century for its [Intramural NIAID Research Opportunities](#) (INRO) program, held February 2-5, 2015, in Bethesda, Maryland. Read [success stories](#) from previous INRO participants! Visit the NIAID [website](#) for the latest news and research.
The Program

Selected INRO students visit NIAID to learn about the breadth of research we do in the areas of allergy, immunology, and infectious diseases from world-renowned scientists and interview for potential research training positions.

Who Can Apply

We are looking for dedicated science students interested in joining the NIAID research community. Candidates who are college-level seniors, medical school students, or doctoral candidates nearing their dissertation defense and from a population underrepresented in the biomedical sciences are eligible.

How You Can Help

You can help us find the best and brightest applicants for INRO 2015 by:

- Adding a link to the INRO program from your website.
- Printing the program flyer

Applications are being accepted through October 15, 2014. Students can apply online through the program's website.