Graduate School News and Events

Quick Links
- Student Handbook
- Graduate School Handbook
- Student Forms
- Faculty Lab Rotation Availability

Important Deadlines

Office Hours
Office hours:
8:00am - 5:00pm
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 Submissions
To submit a news item to be considered for inclusion in the newsletter contact bsgp@osumc.edu

College of Medicine
Biomedical Sciences Graduate Program E-Newsletter
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For the Week of November 29, 2015

Graduate School News

Flu/HIPAA CBL Requirement
Please see below... make sure you are compliant with the Flu Vaccine/HIPAA CBL by
This is a requirement of all Medical Center employees (failure to comply will result your computer log-in). Please let me know if you have any questions.
https://onesource.osumc.edu/corporatenews/Pages/Annual-Flu-Shot-HIPAA-CBL-Remind

Get Staff Compliant with Flu Vaccine/HIPAA CBL; Blitzes Start Sept. 9

- There are two important annual requirements for all employees of The Ohio State Wexner Medical Center: getting a seasonal flu shot and completing the HIPAA CI
- More information will be coming soon to all faculty and staff, and flu shot blitzes b
See the full list of dates.

Deadlines & Events

Deadlines
Spring matching tuition awards and dissertation year activations-December 1
CIC Smithsonian Institution Fellowship (INFO)-December 1
International Academic Enrichment Grant Competition (INFO)-December 1
International student admission applications for fellowship nomination-December 1
Submission of final approved theses/dissertations-December 1
Commencement (INFO)-December 20

Events
Graduate School Fellowship Workshop (RSVP)-December 10

Biomedical Sciences Annual Retreat

Mark your calendar for the Biomedical Sciences Annual Retreat on Thursday, December 8:45 am-1:15 pm. The Retreat will be held at the OSU Faculty Club; a continental break will be provided. Students, please invite your mentor. A detailed agenda will be sent later this Fall.

We would like to invite and encourage all post-candidacy students to apply to be speakers. 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 bsg@osumc.edu by Friday, October 16. Abstracts will be reviewed by a faculty Committee and eight students will be selected to make a 10 minute science presentation at the Retreat.

We constantly need to update your accomplishments for training grant applications, and you to also respond to a survey, that serves as an Individual Development Plan (IDP), with this important information. Plus, with this information, we will be able to highlight at accomplishments of the students. You can find the IDP at: https://osu.az1.qualtrics.com SID=SV_03xKNhiXhN8jsyx

We are asking all students to complete the online survey by Friday, September 25. We look forward to receiving many outstanding abstracts and to an enjoyable and interes

OSUWMC Trainee Research Day

The OSUWMC Trainee Research Day is an annual event that showcases research from graduate, medical, and professional students as well as residents and postdoctoral fellow
primarily student-organized, and we need your help! The Research Day planning committee's first meeting this year on Tuesday, Dec 1st at 2:30PM in Graves 1187.

We will meet periodically between now and Research Day, on April 21, 2016, to plan, select student and faculty speakers, and to help with judge recruitment for the event. If you are interested in please sign up on the Google doc below.

Sign up here!

There will be coffee and donuts!! Thanks and we look forward to seeing you there!

**Undergraduate Teaching Opportunity**

The Biomedical Science undergraduate program has volunteer teaching opportunities for the Spring semester. If you enjoy teaching or want some experience, this will provide it to you. The range from helping with demonstrations of equipment/relation personal experiences to giving 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.

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); Cytometry; 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

**Events**

**2016 Postdoctoral Recruitment Weekend at Indiana University**

The 2016 Postdoctoral Recruitment Weekend is a fully funded program where invited participants have the opportunity to interview with potential faculty mentors, interact with current postdoctoral fellows, and learn about the unique culture and research environment at the university.
and tour the IU campus and the city of Indianapolis. Candidates must expect to complete their thesis work by the end of 2016 and currently be enrolled in a U.S. graduate institution or have graduated from a U.S. institution after September 2015. To be eligible to apply for the 2016 Postdoctoral Recruitment Weekend, candidates can either be invited by one of our staff members at a national meeting or be nominated by a faculty member.

The IU School of Medicine 2016 Postdoctoral Recruitment Weekend application is open with the deadline to submit by December 4, 2015. Selected candidates will be invited to apply by January 2016. Please visit http://postdoc.medicine.iu.edu/prospective-postdocs/postdoctoral-recruitment-weekend/ for the application and requirements!

**Fellowship Competition Workshop**

December 10, 2-4 p.m.
014 University Hall
This workshop will provide a detailed program overview and instruction for the online EDWARD and Nomination systems. Graduate program coordinators, graduate studies chairs, and graduate program staff are invited to attend.

Register
Contact: Katherine Eckstrand

**Other Information**

**Pharmacology 5050**

Molecular Basis of Oxidative Stress
Pharmacology 5050
Instructor: Frederick A. Villamena, PhD
2-Unit Lecture Th: On-Line Based Class
Aerobic evolution has provided living organisms with a myriad of biochemical pathways for oxygen transport and sensing, energy production, and antioxidant defense mechanisms. This course will introduce students to the importance of oxygen and reactive oxygen species (ROS) in the cell function, signalling, immune response, and their toxicology at unregulated concentrations. The interrelationship between reactive species and development of diseases, as well as how various antioxidants (both natural and synthetic) can be employed in the treatment of these diseases will be the highlights of lectures and discussions.

**VETBIO 8855 - Commercialization for Researchers**

VETBIO 8855 will be offered in the Spring semester for 2 credits. Please see the flyer for this course.

**Spring 2016 Offering: PATHOL 7847 - Cellular Mechanisms and Pathogenesis of Inflammation**

The Department of Pathology will be offering a 2 credit hour course on inflammation. Current topics related to inflammation will be discussed, with an emphasis on the role of health and disease. This course is an approved elective for the Area of Research Emphasis.
Immunology

**MVIMG 8270: Biochemical Mechanisms of Carcinogenesis**

Course organizers:
Samir Acharya and Amanda Toland

Spring Semester 2016
Tuesdays and Thursdays from 1 to 3pm
980 BRT

The goal of this course is to provide graduate students with an overview of fundamental mechanisms leading to cancer. Through review of current literature, we will discuss many cancer topics including angiogenesis, DNA repair, aneuploidy, replicative potential and telomeres, tumor invasor role of the tumor microenvironment, epigenetics, exosomes, apoptosis, drug resistance, immune system, microbiome, mechanisms/regulation of key tumor-suppressor genes and cancer susceptibility.

This course fulfills a requirement for BMS concentration in Cancer Biology
Course Call Number: 31538; 2 credits

**The Chateubriand Fellowship**

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


**30th Edward F. Hayes Graduate Research Forum: Call for Abstracts and Judges**

**Call for Abstracts**
The Hayes Graduate Research Committee is accepting abstracts from graduate students at Ohio State University to participate in the prestigious, Hayes Graduate Research Forum, dedicated to presenting outstanding research by graduate students from across the range of OSU's graduate programs. Abstracts will be accepted through November 13th.
To submit an abstract, visit: [https://cgs.osu.edu/hayes-forum/](https://cgs.osu.edu/hayes-forum/)
Questions? Please contact Megan Fitze: fitze.1@osu.edu.

**Call for Faculty Judges**
Dear OSU Faculty Member:
The Hayes Graduate Research Committee is seeking faculty judges from Ohio State University to participate in the prestigious, 30th Edward F. Hayes Research Forum. Coming into its 30th year, the Hayes Forum presents exemplary research by graduate students from across the full range of Ohio State’s graduate degree programs and facilitates fruitful exchanges between students, faculty, the administration, and the public. Students from all academic areas participate and cash prizes are awarded to top candidates from each academic category. This year the forum will be held...
on February 26th, 2015. The Hayes Forum is not possible without the experience and adeptness of judges from OSU. In judging, you not only create impact that improves and rewards the exemplary research of graduate students, but the value of your presence contributes to the prestige of the Hayes Research Forum. At this time we are seeking judges both for abstract review and paper and presentation on the day of the forum. If you are interested in serving as a judge for the 2016 year, please visit www.cgs.osu.edu and click on the Hayes Forum tab at the top of the page. Applications for judging can be found on the left side of the page under the heading, Judges Information. Additionally, the URL is provided here:

https://cgs.osu.edu/hayes-forum/judges-information/

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