Highlights of New or Updated Items

**Course Offerings**
- PHR 8194: Introduction to the Structure, Analyses and Interpretation of Genomic data studies
- HUMNTR 8834/ANIMSCI 8834 Comprehensive Food Safety in Nutrition

**Fellowships**
- L’Oréal USA For Women in Science fellowship program

**Post-Doc Opportunities**
- Post-Doc position opening, Mace Lab

**Other**
- Openings at Proctor & Gamble Cincinnati, OH
- Team Science Workshop

**Quick Links**
- [Student Handbook](#)
- [Graduate School Handbook](#)
- [Student Forms](#)
- [Important Deadlines](#)
- [Current Lab Rotation Openings](#)

**Office hours:**
8:00 - 5:00pm
Monday-Friday
You may stop by 1178 Graves Hall anytime to ask questions of Administrative Program Director, Amy Lahmers.

**E-Newsletter Submissions**
To submit a news item to be considered for inclusion in the newsletter
For the week of December 9th, 2018

College of Medicine
Biomedical Sciences Graduate Program E-Newsletter
1178 Graves Hall * 333 West 10th Ave * Columbus OH 43210
bsgp@osumc.edu
www.medicine.osu.edu/bsgp

*New or Updated Items Marked With Asterisk

BSGP News

Michael Freitas, PhD, will join Jeffrey Parvin, MD, PhD, as faculty co-director of the Biomedical Sciences Graduate Program

Dr. Freitas, associate professor in the Department of Cancer Biology and Genetics, has been a faculty member at The Ohio State University since 1999. He has worked in the field of mass spectrometry and proteomics for more than 30 years and has spent the last 20 years applying advanced proteomics and bioinformatics to his research in cancer proteomics and chromatin biology. He has published more than 100 papers and received numerous accolades for his research, including the Camille and Henry Dreyfus New Faculty Award and the American Society for Mass Spectrometry Research Award. Dr. Freitas also directs the OSUCCC Proteomics Shared Resource. He is a co-founder and member of the board for the software company MassMatrix Inc., which transitions omics software developed at Ohio State into solutions for biopharma. He is actively engaged with teaching students and leads the OSU Data Science Club. Dr. Freitas has an outstanding record of scientific discovery, teaching and mentoring, and is eager to bring his expertise in technology commercialization and quantitative analytics to the Biomedical Sciences Graduate Program.

Student Sign-Up to help with Recruitment

Students can sign up here to help in the 2018-2019 recruitment season. The dates are January 11th, February 8th, and March 8th
5 women and 5 men are needed from 8:45 am-1:00 pm as Student Escorts and Lunch Hosts (Free Lunch provided)

3 women and 3 men are needed from 2:15-3:00 pm AND 5:30-8:30 pm as Student Escorts and Dinner Hosts (Free dinner provided)

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**Research Day Student Planning Committee, students needed**

Research Day is an annual event featuring the biomedical research of trainees within the OSU Medical Center. This group includes graduate, undergraduate, PREP Scholars, medical and MD/PhD students of the OSU College of Medicine, as well as postdoctoral fellows and researchers and clinical residents and fellows. Held each spring, Research Day features posters from hundreds of trainees, a trainee speaker series, and a keynote address by a world-renowned researcher in the field of biomedical science. Faculty members judge poster presentations throughout the day, and travel awards are given to the highest-scoring trainees.

We are currently looking for students to be involved in the student planning committee! You will be able to make your voices heard, help out in the planning process, and even take part in a special pre-event dinner with our keynote speaker. Please contact Nick Stancato with your interest or for more information.

You can find out more [here](#)

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**Course Offerings**

**PHR 8194: Introduction to the Structure, Analyses and Interpretation of Genomic data studies**

Instructors: Dr. Lara E. Sucheston-Campbell and Dr. Moray J. Campbell

2 credit course

There is an urgent need to train genomically-literate biomedical researchers who can undertake cutting-edge cell-based experiments, and apply computational approaches to analyze the large-scale omic data-sets they generate. Meeting this training need is a considerable challenge. Molecular biology and biochemistry form the cornerstones of biomedical training. However, analyses of large scale omic data-sets requires bioinformatics which leverages biological understanding, statistical insight and computational skills. Statistical and computational components are commonly outside of biomedical training and therefore there are limited opportunities for trainees to develop bioinformatic skills.

PHR 8194 was designed to meet this training need by developing these skills and abilities in graduate students who have no previous experience in bioinformatics and statistics.

[Learn More Here](#)

**HUMNTR 8834/ANIMSCI 8834 Comprehensive Food Safety in Nutrition**
Instructors: Sanja Ilic, PhD and Lisa Bielke, PhD

2 credit course

This course will cover advanced topics related to food safety within food systems, from farm to fork and outcomes affecting human health and populations at risk. A combination of short lectures and journal club discussions will be used to guide students through analysis of current popular topics at the intersect in food safety and nutrition. We will discuss foodborne pathogens and their interactions with the environment and hosts through the lance of well established and emerging concepts. Each meeting will consist of a short lecture and student-led conversations about topics such as antimicrobial resistance, risk assessment, microbiome and other. Upon completion of the course students will understand current topics and research related to food safety.

PREREQUISITES: MICRBIO 4000 or 4100, or instructor approval

FORMAT: Short-lectures and Journal Club

More information here

Fellowships

*L’Oréal USA For Women in Science fellowship program

Applications for the 2019 L’Oréal USA For Women in Science fellowship program are now open and will close on Friday, February 1, 2019.

The L’Oréal USA For Women in Science fellowship program honors female scientists at a critical stage in their careers with grants of $60,000 each. Since 2003, we’ve awarded 75 postdoctoral women scientists nearly $4 million in grants. We’re seeking five exceptional female scientists looking to advance their research and serve as role models for the next generation of girls in STEM.

Application FAQ
FWIS Program Fact Sheet

Candidates are selected from a variety of fields including the life and physical/material sciences, technology (including computer science), engineering, and mathematics. Candidates must have completed their PhD and have started in their postdoctoral position by the application deadline.

The application and more information about the L’Oréal USA For Women in Science program can be found at here.

Post-Doc Opportunities

*Post-Doc position opening, Mace Lab

Attention graduate students finishing in the next 6 months

The Mace laboratory is focused on researching inflammatory and immune-
mediated pathways that drive progression of pancreatic diseases (e.g. pancreatitis, pancreatic cancer). We are investigating new therapeutic and immunotherapy combination approaches in gastrointestinal malignancies in which few efficacious treatment modalities exist. Additionally, our laboratory is interested in researching the use of natural products (e.g. soy, tomato) to modulate immunity during chronic inflammation and carcinogenesis. **Thomas Mace, Ph.D.**

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**T32 fellowship opportunity, immunological mechanisms oral carcinogenesis and oral chemoprevention**

Any graduating PhD student interested in applying for a post-doctoral T32 fellowship opportunity to work on immunological mechanisms oral carcinogenesis and oral chemoprevention should please contact **Dr. Steve Oghumu**

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**Postdoctoral Researcher Position**

The lab of Dr. Andrea Gschwend at The Ohio State University is looking for a postdoctoral researcher with expertise in genomic data analysis. The requisition number is 443851, the job ad is [here](#).

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**Other News and Events**

*Openings at Proctor & Gamble Cincinati, OH*

Attention OSU PhD students and post-docs:

Procter & Gamble is actively recruiting several positions. If you fit a role below, you are encouraged to apply online. If you are interested to apply please note the following:

- Please check [this opening](#).
- Be sure to include your objective, research experience, professional experience if you have any, education, technical skills, honors/leadership activities, and publications/patents/presentation in your resume.
- Please also include (copy and paste) a one-page maximum research summary. The summary should focus on your PhD thesis research but can also cover research experience that you possess.

Thank you for your interest in P&G. Please contact us if you have any clarification questions. ([Fei Wang](#), [Max Wingert](#), [Ping Sun](#), [Jon Clark](#))
**Team Science Workshop**

**Friday, May 10 8 a.m.-11 a.m.**
Biomedical Research Tower (BRT) Room 115

The goal of this workshop is to increase clinical-scientific collaborations and multi-PI grant submissions at the OSUCCC – James by:
- Meeting other scientists and clinicians ready to beat cancer
- Developing prototype collaborative research concepts
- Sharing concepts for feedback
- Leaving the workshop with new friends and ideas to pursue NIH/NCI peer review submissions

Anyone currently conducting cancer-related research in any college at Ohio State is invited to attend.  
**Questions?**

**OSU SACNAS Chapter**

The Ohio State SACNAS Chapter is an inclusive organization that promotes the success of underrepresented minority groups in all STEM fields. We **meet every 2nd and 4th Tuesday of the academic year in Mendenhall 252 at 5 pm.** If you value diversity in STEM and are looking for a way to give back to the Columbus community, come join us at our next meeting! You can also find us on **Facebook**, Twitter (SACNAS_OSU), and our **SACNAS Chapter Website** (currently being updated).

**Tools of the Trade: Understanding the Review Process, Grants and Manuscripts**

**Tuesday, February 5, 2019 | 8 AM-12 PM**
BRT room 115

The Center for Clinical & Translational Science presents Tools of the Trade: Understanding the Review Process, Grants and Manuscripts. Investigators with years of experience on NIH study sections will inform attendees about: the administrative process of grant review at agencies; the reviewer perspective; and interpreting and responding to critiques. Journal editors will then address participants on how they can get their research published, addressing issues
such as choosing a journal; the review process at journals; and writing responses to reviewer comments. Those most likely to benefit from attending are junior faculty, postdocs, and graduate students.

More information
Register here

New online sexual misconduct prevention education for students

Our first priority is promoting a safe and healthy campus for all members of our community. To advance a culture of respect and care for others, the university is launching mandatory online sexual misconduct prevention education for all faculty, staff and students. Students will receive an email with instructions to complete the course. Visit Ohio State’s Title IX website for more information.

Need Help? CCS is here for you!
You can find more information about the services provided at Counseling and Consultation Services on their website.