Highlights of New or Updated Items

**Fellowships**
- Zuckerman STEM Leadership program

**Other News and Events**
- Trainee Research Day Call for Abstracts Open Through Feb. 4
BSGP Retreat Recap

December 7th, 2018

Travel Award Winners: Lisa Dorn and Brandon Murphy

Proctor and Gamble Award Winner: Lisa Dorn

Thank you to the following faculty members who assisted with the Travel Award competition: Drs. Kevin Mason, Sheryl Justice, Meagen Ackermann, Matt Summers, and Anne Strohecker!

The BSGP retreat took place on December 7th and was a great success. Students and faculty members had the opportunity to present about their current work and research. Dr. Yount was our Internal Scientific speaker and he presented on: "The Good (and Bad) of Interferons in Virus Infections" Dr. Spearman, the guest keynote speaker, took the time to discuss: "Insights into HIV Particle Assembly and Envelope Trafficking" The event concluded with Lisa Dorn and Brandon Murphy taking home the Student Travel Awards. In addition, Lisa was presented with the Best Student Speaker Award award from Proctor and Gamble.

The other student speakers did an excellent job presenting their findings. Thank you to Alecia Blaszczak, Brooke Britton, Eileen Hu, Christina Knippler, Shaneice Mitchell, and Kacy Yount for participating!

Lisa Dorn
$1,000 Student Travel Award
$500 Procter & Gamble Award for Best Student Speaker

Brandon Murphy
$1,000 Student Travel Award

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

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

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**HUMNNTR 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

*Zuckerman STEM Leadership program*

The Zuckerman STEM Leadership Program supports future generations of leaders in science, technology, engineering and math. They provide scholarships for postdoctoral students from premier universities in the United States to do research at one of seven Israeli universities: Bar-Ilan University, Ben-Gurion University of the Negev, Hebrew University of Jerusalem, Tel Aviv University, University of Haifa, Weizmann Institute of Science, or Technion–Israel Institute of Technology. Once the postdoc scholars complete their research in Israel, many of them are expected to accept faculty positions at top North American universities, strengthening the US-Israel partnership by building on long-lasting relationships of mutual collaboration.

In addition, the program provides support to Israeli PhD graduates who have been accepted to a postdoctoral program with a stipend at an American university, thus creating a cycle of excellence.

Please visit their [website](#) to learn more about the program

Post-Doc Opportunities

**Postdoctoral Fellow Positions in Epigenetics, human iPS cells, 3D Bioprinting, Cellular Therapies, Hematopoietic Stem Cell Biology, Bioengineering, and Blood Cancers**

Dr. Dhvanit I. Shah is looking for postdoc candidates with expertise in HSC biology, epigenetics, or human iPS. [Learn More here](#).

The position is also advertised on [NatureJobs](#)

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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**Other News and Events**

*Trainee Research Day Call for Abstracts, Open Til Feb. 4*

We are pleased to announce that the College of Medicine Student Organizing Committee is now accepting abstracts for poster presentation for the 18th annual Ohio State Wexner Medical Center Trainee Research Day, which will take place Thursday, April 11. Winners in each trainee category in the poster session receive a $1,000 travel award to assist them in attending a scientific conference of their choice to present their research. Trainees interested in participating in this year’s poster session must submit an abstract by Monday, Feb. 4. Guidelines and instructions for poster preparation and presentation are on the [Research Day website](http://researchday.osu.edu). This event is open to all faculty, staff and research trainees in the College of Medicine. Poster submissions are limited to those in training programs (undergraduate students, graduate students, medical students, MD/PhD students, postdoctoral researchers and fellows, clinical residents and fellows) and to pre- and postdoctoral students training in the laboratory of College of Medicine faculty. The event will have morning and afternoon poster sessions and lectures. Our keynote speaker is Paul Tang, MD, MS, vice president, chief health transformation officer at IBM Watson Health. At Watson Health, Dr. Tang is responsible for applying IBM’s artificial intelligence technologies to improve the health and well-being of individuals and communities. The title of his keynote address is “Harnessing AI at the Point-of-Care.” Our 2019 Trainee Research Day faculty speaker will be Lang Li, PhD. Dr. Li is chair of the Department of Biomedical Informatics in the College of Medicine. His research focuses on drug interaction and precision medicine. Direct inquiries to [ResearchDay@osumc.edu](mailto:ResearchDay@osumc.edu). Submit your abstract and find more information at [researchday.osu.edu](http://researchday.osu.edu).

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

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

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?

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.