Highlights of New or Updated Items 4/28/19

Course Offerings
- Math 1194 New Service Learning Course

Post-Doc Opportunities
- Army Research Laboratory Distinguished Postdoctoral Fellowships

Other News
- Ray Travel Award
- CGS Career Development Grant
- Innovate Conference

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 contact bsgp@osumc.edu
**Math 1194 New Service Learning Course**

**Math 1194 Intersections of Mathematics and Society: Hidden Figures** will be offered Autumn of 2019 **MWF 11:30am-12:25pm**.

**Key Features of the Course**
- Get connected with local industry leaders in STEM positions in the Columbus area
- Community Service (with Columbus Metropolitan Library branches)
- Understanding of Mathematical Tools (How did we get from slide rules to TI-84s?)
- Explore intersectionality in mathematical communities via the text *Hidden Figures*

**Course Description**
This course is inspired by the book, *Hidden Figures: the American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race*. This is a project-based course, where the primary project involves pairing students with leaders in STEM positions at companies in the Greater Columbus Community that are local ‘Hidden Figures.’ There will also be two mini-projects based on mathematical tools that the women in *Hidden Figures*, who were called ‘computers,’ used in their work. These projects will focus on a mechanical tool, the slide rule, and an analytical tool, orbital geometry, giving insight into what is involved in the mathematics of space travel. Students will participate in service-learning by giving presentations on the concepts and ideas assessed in course projects to select branches of the Columbus Metropolitan Library.

In the course we will read the book *Hidden Figures*, and use the text to explore the role as mathematics as a tool for the advancement of society and to study diversity and inclusion in mathematical communities. In particular, we will use intersectionality as a framework to understand access to mathematical communities, and discuss the role that race, gender, and socioeconomic status played in the work and home environment of the Hidden Figures, and how these three identities influenced their accomplishments. We will also discuss the historical context of World War II that both limited and granted the Hidden Figures opportunities in mathematics.

For any additional questions please contact: Dr. Edmonds(.110) or Dr. Johnson(.5316).
Post-Doc Opportunities

*Army Research Laboratory Distinguished Postdoctoral Fellowships

Deadline: May 31
The Army Research Laboratory is now accepting applications for the ARL Distinguished Postdoctoral Fellowships. ARL fellowships recipients pursue independent research that supports the mission of ARL alongside ARL scientists and engineers.
More...

Other News and Events

*Ray Travel Award

Deadline: May 1
The Ray Travel Award for Service and Scholarship awards up to $1,000 per year for conference travel. Conference dates must be between July 1 and September 30, 2019.
Contact: Kristyn Gumpper

*CGS Career Development Grant

Deadline: May 1
The Council of Graduate Students’ Career Development Grant awards up to $350 per year for professional development activities. Conference dates must be between July 1 and September 30, 2019.
Contact: Hannah Torma

*Innovate Conference

May 16 (registration ends May 10) at the Ohio Union
Registration is now open for the Innovate conference. Innovate is an annual conference that brings together educators, administrators and tech industry professionals to explore recent advancements, best practices and provocative approaches to teaching and learning with technology.
More...

2019 International Conference on Intelligent Biology and Medicine (ICIBM 2019)

It is our great pleasure to announce the 7th International Conference on Intelligent Biology and Medicine (ICIBM 2019), which will take place in Columbus, OH, USA in Jun 9-11, 2019, http://icibm2019.org/. ICIBM is a high caliber conference which brings together eminent scholars with expertise in various fields of computational biology, systems biology, computational medicine, as well as experimentalists interested in application of computational methods in biomedical studies. The purpose of the ICIBM is to provide a congenial atmosphere highly conducive to extensive discussion and networking.
Travel Awards
The conference typically provides 20 travel awards to students/postdocs; awards will be granted through an NSF grant application.

Important Days
**Deadline for travel award application: May 1, 2019**
**Conference early registration deadline: May 8, 2019**
**Conference regular registration: May 9 – June 8, 2019**

**Contact**

**Precision Genomics Midwest Conference**

Join Cincinnati Children's and the University of Cincinnati on **May 10, 2019** for their third annual **Precision Genomics Midwest**—the region’s largest genomics conference.

PGM features talks by thought leaders in research, clinical, and translational genomics, and a top-quality vendor fair, showcasing the field’s leading-edge products and services.

Special breakout sessions include:
- Cancer Genomics
- Cell-Mapping Informatics
- Clinical Genomics
- Ethical, Legal & Social Implications in Cancer Genomics
- New Genomic Technologies
- Translational: Neurogenomics

All are welcome, and registration is FREE!

**Learn more**

**Annual Cancer Health Equity Conference**

**Wednesday, May 22 9:30 a.m. - 3:15 p.m.**
**Thursday, May 23 8:30 a.m. - 3:15 p.m.**
Nationwide & Ohio Farm Bureau 4-H Center
2201 Fred Taylor Drive
Columbus, OH 43221

**Register**
Registration is free and required to attend.

**Questions?**
[go.osu.edu/CAHealthEquity](go.osu.edu/CAHealthEquity)
**Will Bryan**

This event has been approved for CME and CNE credits.

**Agenda**

**2nd Conference on Biomotors, Virus Assembly, and Nanobiotechnology Applications**

Dr. Peixuan Guo would like to invite you to join him and 65 renowned researchers and colleagues for the 2nd Conference on Biomotors, Virus Assembly, and Nanobiotechnology Applications from **July 29 - July 31, 2019**
Congressional Fellowships on Women in Public Policy

The Women's Congressional Policy Institute has released the 2020 application for their Congressional Fellowships on Women and Public Policy. The fellowships are designed to train potential leaders in public policy formation to examine issues from the perspective, experiences, and needs of women. This program is unique – the only graduate-level fellowship program on Capitol Hill focused on women. Fellows work 40 hours each week in a congressional office as a legislative fellow on policy issues affecting women, and meet weekly for issue seminars directed by the WCPI staff. The opportunity is for students who currently are enrolled in a graduate program, or who have completed such a program within the past two years.

Fellowship Overview

Application

Eligibility

Application deadline is June 3.

Please contact Julia O'Connor, or the WCPI staff at 202-554-2323 with any questions.

Need Help? CCS is here for you!

You can find information about the services provided at Counseling and Consultation Services on their website.