

**WISER Newsletter**

Women in Science, Engineering, and Research at Oakland University

[www.oakland.edu/research/wiser](http://www.oakland.edu/research/wiser)

October 2018

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**Research, Innovation, and Engagement Town Hall**

Wednesday, October 24, 11:30 a.m. – 1 p.m., Banquet Room A, Oakland Center

The Research Office will host the second Research, Innovation, and Engagement Town Hall to highlight research initiatives and honor faculty. With support from President Ora Hirsch Pescovitz and Provost James Lentini, we are pleased to recognize faculty for their innovative and engaging research. Lunch provided, seating is limited. You must RSVP for this event. <https://docs.google.com/forms/d/e/1FAIpQLSfrCyobnUtMqndM-bTDC3uS6yOQbuZ42IQ3O3siSXY5jW9xew/viewform>

**Soundings Series – Back for Fall 2018!**

[www.oakland.edu/research/soundings-series](http://www.oakland.edu/research/soundings-series)

Find out more from the OU News.

<https://www.oakland.edu/oumagazine/news/research/ou-soundings-series-returns-oct-10-faculty-to-share-tips-on-public-engagement>

**Make It Work: Building and Maintaining Academic-Community Partnerships with Jennifer Lucarelli (Interdisciplinary Health Sciences)**

**Wednesday, October 10, 3 p.m. – 4:30 p.m. in 242 Elliott Hall**

Join us as Jen shares about her research and engagement through the Healthy Pontiac, We Can! program. <https://www.healthyponiac.org/>

This session will be recorded using Panopto. See the recording on the Soundings Series website. [www.oakland.edu/research/soundings-series](http://www.oakland.edu/research/soundings-series)

**Save the date! Soundings Series with David Dulio (Political Science)**

**Monday, November 12, 3 p.m. – 4:30 p.m. in Lake Huron Room, Oakland Center**

Dave will talk about adapting academic work for the public and press, and will discuss OU's Center for Civic Engagement. <https://www.oakland.edu/polisci/cce/>

RSVP to Leanne DeVreugd ([ldevreugd@oakland.edu](mailto:ldevreugd@oakland.edu)). Light refreshments served.

If you would like to be a Soundings Series presenter, apply on the Soundings Series website. [www.oakland.edu/research/soundings-series](http://www.oakland.edu/research/soundings-series)

## **Research Development – Events and Opportunities**

### **Proposal Assistance: Advanced Research Methodology Services**

The Research Office is launching Advanced Research Methodology Services (ARMS), which aims to help faculty improve the quality of the research design and data analysis sections of their grant proposals. The ARMS team will assist with research and analysis upon receipt of funding. We are currently building an ARMS team, and are seeking faculty to serve as methodological consultants in areas of their expertise. Contact ARMS Coordinator Dennis Condrón ([condron@oakland.edu](mailto:condron@oakland.edu)) to join the team, or to access ARMS for assistance with your own proposal. Find out more on the Research Office website home page. [www.oakland.edu/research](http://www.oakland.edu/research)

### **Seeking funding or working on a proposal? Contact your Research Development Officer!**

**Michael Spires**, [mspires@oakland.edu](mailto:mspires@oakland.edu), (248) 370-2207 Sciences, Social and Health Sciences, Arts and Humanities

**Lori Simoes**, [lorisimoes@oakland.edu](mailto:lorisimoes@oakland.edu), (248) 370-2778 Engineering

### **Open Sessions with Michael Spires, Research Development Officer**

**October 16 – 11 a.m. – 1 p.m.** in Gold Room B, Oakland Center

**November 15 – 12 p.m. – 1 p.m.** in room 130, Oakland Center

### **Upcoming Workshops – NSF, Pivot, and NIH**

**October 26 – Success with NSF Workshop, 9 a.m. – 12 p.m.** in Lake Huron Room, Oakland Center. Learn about the structure and operations of the National Science Foundation (NSF), how to interact with NSF Program Officers, and the keys to NSF proposal success. Open to all faculty. RSVP to Leanne DeVreugd ([ldevreugd@oakland.edu](mailto:ldevreugd@oakland.edu)).

**Pivot Workshop** – This will provide an overview of the Pivot funding database. Offered twice. Pivot website: [https://pivot.cos.com/funding\\_main](https://pivot.cos.com/funding_main)

**November 6 – 12 p.m. – 2 p.m.** in 555 Engineering Center (computer lab)

**November 12 – 12 p.m. – 2 p.m.** in 555 Engineering Center (computer lab)

Stay tuned for additional workshops on success with NIH, the NSF CAREER Award, and mission-driven agencies. Information will be posted on the WISER website.

[www.oakland.edu/research/wiser](http://www.oakland.edu/research/wiser)

### **Women in STEM – Discussion with Dr. Kanakadurga Singer**, University of Michigan

Medical School. Dr. Singer will be visiting Oakland University on Thursday, November 8. We will focus on women and career opportunities and challenges in the science and medical fields. Hosted by the Research Office and Office of Graduate Study & Lifelong Learning. **Faculty Discussion – Thursday, November 8 – 10 a.m. – 11:30 a.m.** in Lake Huron Room, Oakland Center. Open to faculty in all fields. RSVP to Leanne DeVreugd ([ldevreugd@oakland.edu](mailto:ldevreugd@oakland.edu)). **Student Discussion – Thursday, November 8 – 3 p.m. – 4:30 p.m.** in 1050 Human Health Building. Open to all students in all fields. RSVP to Tiffany Baugh-Helton ([tbaughhelton@oakland.edu](mailto:tbaughhelton@oakland.edu)).

**PI Academy: Class of 2019!**

We are excited to welcome 29 scholars are part of the PI Academy, for our second year of this professional development program. These junior faculty members participate in monthly sessions and workshops, and are paired with an external mentor. Information on participants and mentors (including upcoming seminars) are posted on the PI Academy website. [www.oakland.edu/research/pi-academy](http://www.oakland.edu/research/pi-academy)

**STEM Faculty Highlights**

**Kodiah Beyeh** (Chemistry) was part of a team of researchers from Oakland University, Aalto University (Finland), and University of Applied Sciences and Arts (Switzerland), which prepared framework materials from synthetic cyclophanes and protein cages. Such host-guest materials are interesting for porous material applications, including water remediation and heterogenous catalysis. Their work was published in ACS Nano. <https://pubs.acs.org/doi/abs/10.1021/acsnano.8b02856>

**Khalid Mahmood Malik** (Computer Science and Engineering, PI Academy alum) was awarded funding from the NSF Secure and Trustworthy Cyberspace (SaTC) program ([https://nsf.gov/awardsearch/showAward?AWD\\_ID=1815724](https://nsf.gov/awardsearch/showAward?AWD_ID=1815724)) for \$199,909, a first for the OU Computer Science and Engineering department. He was also awarded \$40,000 from the Brain Aneurysm Foundation to support his NeuroAssist research project. [https://www.bafound.org/wp-content/uploads/2018/09/Research-Grant-list\\_18\\_R2.pdf](https://www.bafound.org/wp-content/uploads/2018/09/Research-Grant-list_18_R2.pdf)

**Wei Zhang** (Physics, PI Academy alum) is co-PI on an NSF Grant ([https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1808892](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1808892)) for \$448,736, in collaboration with Gopalan Srinivasan (Physics). This summer, Wei was also awarded the DOE-Visiting Faculty Program Fellowship (<https://science.energy.gov/wdts/vfp/>) at the Argonne National Laboratory.

**Peng Zhao** (Mechanical Engineering, PI Academy alum) received the 2018 Bernard Lewis Fellowship of the international Combustion Institute (<https://www.combustioninstitute.org/>), which is the highest honor for junior combustion scholars and scientists.

**Recommended Reading:**

Check out these recommendations from our Research Office staff and WISER Leadership Team!

On Academic Life:

Article: The Awesomest 7-Year Postdoc or: How I Learned to Stop Worry and Love the Tenure-Track Faculty Life (Scientific American) by Radhika Nagpal. <https://www.swarthmore.edu/sites/default/files/assets/documents/faculty-diversity-excellence/%20How%20I%20Learned%20to%20Stop%20Worrying%20and%20Love%20the%20Tenure-Track%20Faculty%20Li.pdf>

Book: The Slow Professor: Challenging the Culture of Speed in the Academy by Maggie Berg and Barbara K. Seeber. <https://www.amazon.com/Slow-Professor-Challenging-Culture-Academy/dp/1442645563>

On Writing:

Article: 10 Common Grant Writing Mistakes (Chronicle of Higher Education) by Jude P. Mikhal and Gina Rumore. <https://www.chronicle.com/article/10-Common-Grant-Writing/242150>

Book: How to Write a Lot: A Practical Guide to Productive Academic Writing by Paul J. Silvia. <https://www.amazon.com/How-Write-Lot-Practical-Productive-ebook/dp/B001Y35G60>

WISER is the Women in Science, Engineering, and Research program. Originally an NSF ADVANCE ([https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1107072](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1107072)) funded program (called WISE@OU, 2011-2016), WISER is now part of the Research Office. Contact: Leanne DeVreugd ([ldevreug@oakland.edu](mailto:ldevreug@oakland.edu))