



Announcements

COVID-19 FAQs, including information about the mandate, face coverings and questions specific to students and employees are available on the Together We Will website [here](#).

Regardless of your role on a team, there are ways to develop into a better team member. Not only does this lead to a more successful team, but it can ultimately make the team experience more productive and even enjoyable for you as an individual. Learn more about **Becoming a More Effective and Influential Team Member** [here](#).

Graduate Students, check out the **Neogen Land Grant Prize**. Applicant's research must have the potential to contribute to economic and scientific improvements in society, with a promise of practical applications that benefit U.S. economic interests. This is of particular interest to students interested in the translational application of their research. Additional information is available [here](#).

Don't miss President Stanley's conversation with Provost Woodruff - **A Foundation for Learning and Deep Inquiry** - Wednesday, August 25, from 6–7 pm when they will discuss the development of diverse approaches to innovative and effective teaching and share news about new initiatives that are increasing access and success for all learners. Woodruff will also talk about her efforts to foster diverse, equitable and inclusive work and learning environments for students, faculty and academic staff. Register [here](#).

Starting this Fall 2021, current NatSci graduate students that apply for and are awarded external fellowships that provide a stipend of at least \$24,000 will be eligible for a **supplemental fellowship** of \$3,000 in the first year of their award. Email Richard Schwartz (schwartz9@msu.edu) with questions.

Graduate Welcome and Resource Fair Saturday, August 28th. Orientation Workshop Webinars offered at 9AM, 9:30AM, & 10AM. Resource Fair featuring 25+ on and off-campus groups and organizations hosting Zoom meetings from 10:30AM to 12PM. Fall Welcome includes in-person socially distanced afternoon of fun, games, music and more at Benefactors Plaza from 2PM to 4PM. Learn more [here](#).

The **joint meeting of the American Society for Cell Biology (ASCB) and the European Molecular Biology Organization (EMBO)**, takes cell biology to the virtual stage December 1-11. The meeting maintains cutting-edge cell

Noteworthy News



Please join me in thanking Kendra Pyle for her service to the departments of BMB and PLB. Kendra joined us as an academic advisor in February 2013. Her last day is today, Friday, August 13th.

This fall she will be starting in the MSU master's in social work graduate program and working as a grad assistant supporting inclusion and equity initiatives in the College of Natural Science.

Thank you Kendra for all you have done and good luck with your future endeavors!

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biology as its core focus, along with interdisciplinary programming-giving attendees a place to learn from and collaborate with top researchers in their specific research area. Register and learn more [here](#).

Neal Hammer and Chris Waters (MMG) are organizing the 2021 **Midwest Microbial Pathogenesis Conference** (MMPC) that will take place in-person in BPS September 17th-18th. Registration is currently open [here](#). Email Chris (watersc3@msu.edu) with questions.

The Center for Integrative Studies in General Science has again arranged to have DPS provide an **Emergency Training session** to take place on Monday, August 30, from 1:30-3:00 in room 107 South Kedzie. The session is available to all NatSci faculty, staff, and graduate students, and will cover topics including Active Shooter situations, Bomb Threats, Combative Students, Emergency Phone systems, Fire Drills, Responding to Student Health Emergencies, etc. In addition, Officer Beard can respond to any questions participants might have about any potential emergency situation. No registration required.

Job / internship postings:

The Quinn lab is hiring a postdoc to work on an NIH funded project to study the community dynamics and physiology of the cystic fibrosis lung microbiome. They will be expected to culture CF bacteria in complex assemblages and perform perturbation experiments to study the effects on the community structure and function. An important aspect of this study is integration with their current mathematic model of the lung microbiome and incorporating metabolic modeling of the community to better understand its physiology and interactions. Apply [here](#).

Fibertec Environmental in Holt has several positions open in their laboratory. Holt performs analyses on soil, water, and air samples for environmental pollutants. Ideally they would like to recruit candidates with instrumentation experience, entry-level candidates with the right attitude work well too. A BS in Chemistry or a strong chemistry background would be desirable. Email Heather (hsmith@fibertec.us) for more information.

1. Environmental Laboratory Assistant will help Laboratory Analysts analyze the pollution in soil, water, and air samples; perform routine laboratory functions in an accurate manner; and extract samples and take measurements with laboratory scales and volumetric flasks, including precise measurements of small volumes.
2. Environmental Laboratory Team Leader will protect the work environment by testing for pollution and actively participate in daily production as well as motivate and mentor staff.
3. Inorganics Lab Analyst will help save the environment and get PAID to do it. You will help your team conduct high quality analytical testing of water and soil samples. Your analyses will help determine whether contaminants have spread to surrounding properties and provide data on the effectiveness of environmental cleanup programs.

Recent Publications

Coletta RD, Lavell AA, Garvin DF. "A Homolog of the Arabidopsis TIME FOR COFFEE Gene Is Involved in Nonhost Resistance to Wheat Stem Rust in *Brachypodium distachyon*." *IS-MPMI*. August 2021.

Naughton KJ, Treviño RE, Moore PJ, Wertz AE, Dickson JA, Shafaat HS. "In Vivo Assembly of a Genetically Encoded Artificial Metalloenzyme for Hydrogen Production." *ACS Synth Biol*. August 2021.