BioMolecular Science Weekly
November 19th–November 23rd, 2018

Calendar:
Monday, November 19th
BMS Research Forum, 12:00 PM, 162 Food Safety
Megan Shiroda, MMG, Manning Lab, “Alternative Therapies to GBS-Associated Adverse Pregnancy Outcomes”
Announcement about GA position by Dr. Min-Hao Kuo
WiPS Seminar, 12:00 PM, 1425 BPS
Taylor Dunivin, Shade Lab, “A meta-analysis of microbial arsenic resistance genes across soils”

Tuesday, November 20th
MMG Seminar, 4:10 PM, 1415 BPS
Dr. Matt Schrenk, MSU, “Using Microbiological Approaches to Address Geologically Scaled Challenges”

Wednesday, November 21st
BEACON Seminar, 3:30 PM, BEACON Conference Room
Siobhan Cusack, MSU, “Modeling degrees of genetic redundancy among paralogs in Arabidopsis thaliana”

On Thursday, Nov. 22nd and Friday, Nov. 23rd the University is closed.
HAPPY THANKSGIVING!

New Student Spotlight:
Alan Halim
Alan Halim graduated from the University of Michigan in 2016 with a degree in biochemistry. As an undergrad, he studied neuron development at Michigan and also spent a summer studying Parkinson’s Disease at Michigan State University (a huge reason why he chose to come here for his PhD). After 22 years, Alan finally escaped Michigan and moved to Washington, DC, to study glioblastoma at the National Institutes of Health. Those were two of the best years of his life, ending in a spring break trip to Cuba with way-too-hot churros, but the state of Michigan (or rather, Michigan State) managed to suck Alan back in. He’s now studying the role of miRNAs in cancer metastasis and as a target for therapies in Dr. Anna Moore’s lab in the Precision Health Program. Outside of the lab, Alan’s hobbies include idolizing Roger Federer, convincing people to watch scary movies with him, and going to the concerts of artists no one else has ever heard of.
Announcements:

**Post-Doctoral Research Panel**
Monday, November 26, 2018; 5:30-6:30 PM; 110 Chittenden
SACNAS MSU Chapter hosts Post-Docs discuss their experiences after & graduation, finding post-doctoral positions, and now doing research & Questions and discussion welcome!

**All-Network Teaching-as-Research Presentations**
Wednesday, 11/28: 5-6:30PM ET / 4-5:30PM CT / 3-4:30PM MT / 2-3:30PM PT
Join us for CIRTL’s fall All-Network presentation session as dozens of TAR practitioners from across the nation share their teaching-as-research findings. Take this opportunity to learn more about Teaching-as-Research in general, and to learn about exciting work that others in the Network are doing.

**COGS Upcoming Events**
December 6 – COGS Coffee Hour. Located in the lounge in Chittenden Hall. 4 pm to 5 pm. Enjoy coffee, snacks and conversation!

**Upcoming Grad School Events**

**Dissertation walk-in formatting help sessions**
Monday, November 19, 2018 from 10:30 a.m. to Noon in room 220 Chittenden Hall
Wednesday, December 5, 2018 from 10:00 a.m. to 11:30 a.m. in room 220 Chittenden Hall

**Job Interview Strategies Workshop**
Tuesday, November 27, 2018; 5:30-7:00 PM; 110 Chittenden
This workshop will walk through common job interview process, questions, and etiquette for industry, government, and NGO careers. The workshop will describe the purpose of a job interview: what employers look for and what you should look for during the interview. In addition, the workshop will present ways to prepare for the job interview and provide time to practice common response methods such as STAR and PARK. Finally, the workshop will discuss common etiquette issues surrounding job interviews such as handshakes, follow up communication, and more.

[Click here to register for this workshop.](#)

**Fall 2018 Thesis and Dissertation Deadline**
The deadline for **FINAL APPROVAL** of an electronic Thesis or Dissertation by the Graduate School is **Wednesday, December 19, 2018 at 5:00 p.m.** To accept a document for publishing on or before the deadline means that the student’s document has been reviewed by a graduate school employee, the document has been determined to be formatted correctly AND all required paperwork has been turned in to the Graduate School **PRIOR TO** the deadline date and time. **Deadline day is not just the day that the document is to be submitted via ProQuest for the first time. It is the day where all of the requirements must be completed.** Chances are, if a document is submitted on deadline day for the first time, the document will most likely be accepted for Spring graduation instead of Fall. As long as the student has successfully defended the thesis or dissertation and has made the corrections that the committee requires, he or she may feel free to submit the document via the ProQuest website.

Students are highly encouraged to read and follow the Thesis and Dissertation information available on the Graduate School’s website at: [https://grad.msu.edu/etd](https://grad.msu.edu/etd). This site gives instructions on formatting, required paperwork, and how to submit to ProQuest.

Your GradPlan should be official and be as complete as possible prior to submitting to ProQuest.

**Call for Proposals: Dr. Martin Luther King, Jr. 39th Annual Commemorative Celebration**
“Free Speech: Constitutional Right vs. Respectful Discourse”; January 21, 2019; 9:00 AM
Proposals are due: **Monday, December 3, 2018, 5pm**
Summer Workshops:

**Adult Osteology Research Laboratory Workshop: Late Medieval ”Crisis” Populations**

**Location:** Odorheiu Secuiesc, Transylvania, Romania  
**Dates:** June 2 – June 29, 2019  
**More information:** [https://www.archaeotek-archaeology.org/adult-osteology-laboratory](https://www.archaeotek-archaeology.org/adult-osteology-laboratory)  
**Contact e-mail:** archaeology@archaeotek.org  
**Project Director:** Dr. Jonathan Bethard (Department of Anthropology, University of Southern Florida)  
**Credits:** 3-6 undergraduate/graduate credits available through USF (USF deadlines and tuition applies); non-credit positions available  
**Requirements:** experience with basic human anatomy and morphology useful but not required

**Juvenile Osteology Research Laboratory Workshop: Victims of Change — Bioarchaeology of Children**

**Location:** Odorheiu Secuiesc, Transylvania, Romania  
**Dates:** June 30 – July 27, 2019  
**More information:** [https://www.archaeotek-archaeology.org/juvenile-osteology-laboratory](https://www.archaeotek-archaeology.org/juvenile-osteology-laboratory)  
**Contact e-mail:** archaeology@archaeotek.org  
**Project Director:** Dr. Jonathan Bethard (Department of Anthropology, University of Southern Florida)  
**Credits:** 3-6 undergraduate/graduate credits available through USF (USF deadlines and tuition applies); non-credit positions available  
**Requirements:** stand alone human osteology course is a prerequisite (such as the above Adult Osteology Laboratory Workshop or equivalent)

**Ossuary Excavation and Commingled Remains Osteology Research Laboratory Workshop**

**Location:** Odorheiu Secuiesc (laboratory) and Valeni / Patakfalva (excavation), Transylvania, Romania  
**Dates:** Session 1: June 2 - June 29, 2019; Session 2: June 30 – July 27, 2019  
**More information:** [https://www.archaeotek-archaeology.org/commingled-remains](https://www.archaeotek-archaeology.org/commingled-remains)  
**Contact e-mail:** archaeology@archaeotek.org  
**Project Director:** Frankie West and Dr. Katie Zejdlik-Passalacqua (Department of Anthropology, Western Carolina University)  
**Credits:** 6 undergraduate credits available through WCU for session 1 (WCU deadlines and tuition applies); 3-6 undergraduate/graduate credits available through USF for session 2 (USF deadlines and tuition applies); non-credit positions available  
**Requirements:** stand alone human osteology course is a prerequisite (such as the above Adult Osteology Laboratory Workshop or equivalent)

**Scholarships:**

**Martin Luther King, Jr. Endowed Scholarship**

The Office for Inclusion & Intercultural Initiatives is accepting applications for the 2018-19 MLK Endowed Scholarship program. Scholarships will be applied to the 2019-20 academic year. To be eligible, submit your application.  
[https://msuinclusion.wufoo.com/forms/mlk-endowed-scholarship-application/](https://msuinclusion.wufoo.com/forms/mlk-endowed-scholarship-application/)  
Submission deadline: **Thursday, February 28, 2019; 11:45p**
Job Opportunities:

**Postdoctoral Positions in Viral Molecular Genetics and Pathogenesis**
Opportunity to study viral pathogenesis with Dr. Katherine Spindler at University of Michigan, if you are anyone you know is interested in that field. Kathy is a terrific investigator and a wonderful mentor. She is one of the regular hosts on the popular ASM podcast *This Week in Virology*.

Go to [https://jobs.asv.org/job/179/postdoctoral_position_in_viral_molecular_genetics_and_pathogenesis](https://jobs.asv.org/job/179/postdoctoral_position_in_viral_molecular_genetics_and_pathogenesis) for more information and how to apply.

**Geneticist position at Slippery Rock University**
Slippery Rock University invites applications for a broadly trained geneticist, with a preference for an individual experienced in cell and/or molecular biology, for a tenure track Assistant Professor position in the Department of Biology, beginning August 2019. Responsibilities will include teaching genetics, courses in the area of specialization, lower-level biology majors courses, and non-major biology courses included in the Liberal Studies Program, as well as establishing a productive research program in the candidate’s area of expertise that can involve undergraduates.

Two additional searches are focused on zoology and plant biology:

Links to the job descriptions are listed below:
- [https://chroniclevitae.com/jobs/0000450594-01](https://chroniclevitae.com/jobs/0000450594-01)
- [https://chroniclevitae.com/jobs/0000449517-01](https://chroniclevitae.com/jobs/0000449517-01)
- [https://chroniclevitae.com/jobs/0000450572-01](https://chroniclevitae.com/jobs/0000450572-01)

**Graduate Assistant Position in Dr. Min-Hao Kuo’s Lab**
A graduate assistant position is open in Dr. Min-Hao Kuo’s lab ([kuom@msu.edu](mailto:kuom@msu.edu); Biochemistry and Molecular Biology, CMB, Genetics). This 4-year, NSF-sponsored project studies the molecular mechanism of aging. Using budding yeast as the model, biochemical, molecular biological, and genetic approaches are employed to examine how lipids, in particular triacylglycerol, regulates lifespan. ([https://bmb.natsci.msu.edu/faculty/min-hao-kuo/current-research/](https://bmb.natsci.msu.edu/faculty/min-hao-kuo/current-research/)).

References: