

Subject: [BioAdv] Newsletter 11/20/2018
Date: Tuesday, November 20, 2018 at 1:01:49 PM Eastern Standard Time
From: BioAdvising on behalf of Bio Dept Majors' Announcements <bioadvising@list.pitt.edu>
To: Bio Dept Majors' Announcements <bioadvising@list.pitt.edu>
Attachments: ATT00001.txt

Bio Advising Newsletter – 11/20/2018

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*** DETAILS *** DETAILS ***

1. Advising Office Hours (This Week)

The University will be closed Thursday and Friday, November 22 & 23.

The Biological Sciences Advising Office will also be closed on Wednesday, November 21 and reopen on Monday, November 26.

Please e-mail an advisor if you have any questions.

Have a safe Thanksgiving break!

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2. Departmental Honors Application – deadline Nov 30

Are you a current sophomore or junior who is actively doing research and are interested in eventually writing a thesis and earning departmental honors? This program may be for you!

More info & application: <https://www.biology.pitt.edu/undergraduate/advising-and-support/honors>

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3. Bio Blog: The human microbiota

This week, Owen gives us on a primer on the human microbiota: <http://bit.ly/2PKEfXW>

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4. Biological Sciences Seniors Apparel (It's Your Turn!)

Interested in Biological Sciences apparel? You've seen other majors in our department wearing apparel designating their specific major. Surely, we cannot leave out the largest major in our department!

Seniors Kristen Richards (krr66@pitt.edu) and Michaela Schreyer (mms197@pitt.edu) have designed full-zip jackets with the Pitt insignia and the words "Biological Sciences" embroidered underneath for purchase. There are various colors and cuts available to choose from. The cost of the jackets is \$55 paid with credit or debit online. Any questions should be directed to either Kristen or Michaela.

They're great for last-minute gift ideas (ask your parents/families for the best holiday gift)!

All orders are due by December 21, and the jackets will be ready for pick up on January 9, 2019. (Additional dates and times TBA). If you are graduating in December and will not be on campus in January, there is a shipping option (not free shipping though)!

Order yours now! (If there is a note up at the top about Pitt Dental, please disregard. The jackets will be Biological Sciences jackets).

- For free campus pickup orders: <http://bit.ly/2QT9kVE>
- For shipping (additional fees apply) orders: <http://bit.ly/2OTEytW>

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5. Lab Assistant Student Job

Position: Undergraduate Laboratory Assistant

Time commitment: 9-15 hours/week

Start Date: Start of spring 2019 semester

Job Summary: Lab assistants will be expected to apply knowledge learned in their coursework including solution/media prep, sterile technique, and maintenance of general laboratory equipment including microscopes. Assistants will be expected to provide materials and equipment to classrooms in accordance with course curriculum. Tasks vary on a day-to-day basis.

Requirements: Successful completion of Foundations of Biology Laboratory 1 (BIOSC 0050 or equivalent) and General Chemistry I and II (CHEM 0110 and 0120). Biology-related majors strongly encouraged to apply.

Apply: <http://www.pittsource.com/postings/175468>

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6. Pitt Thanksgiving Dinner – Nov 21, 5-6:30pm, WPU

Will you be in Pittsburgh for Thanksgiving break?

Pitt Global Ties (CCLD) and Dean Kenyon Bonner will be hosting **Thanksgiving Dinner** for international students

and students staying on campus during Thanksgiving break on Wednesday, November 21 from 5:00-6:30pm in WPU Assembly Room.

Pitt students (both undergrad and graduate) can get their free ticket from the William Pitt Union ticket office.

7. HELP Volunteer Program – Dec 4

The Hospital Elder Life Program (HELP) at Allegheny Health Network is a clinical volunteering opportunity at West Penn and Allegheny General Hospital that gives individuals a hands-on patient experiences with older adults on in-patient floors. The program is designed to prevent delirium in hospitalized patients.

Start the volunteer process by attending one of the open houses at West Penn Hospital on 4800 Friendship Avenue.

- Tuesday, December 4: 5-7pm

RSVP and questions can be directed to Autumn Corcoran at autumnmoss.corcoran@ahn.org or 412-578-5103.

8. Pitt MAT Science Education Program

Have you ever considered a career in teaching science at the middle school or high school level? Did you know that Pitt offers a 1-year masters and licensure program with many options for add-on certifications such as urban education or special education? Check out this [link](#) for more information and stop by Richard Green's office Posvar Hall for more information!

9. Commuter Student Lockers

Need a Locker on Campus?

Lockers for rent are available in the Cathedral of Learning. If you're interested in renting a locker, visit the William Pitt Union Ticket Office located on the Main Floor. Lock and locker rentals are handled daily from 9 a.m. to 3 p.m. Monday through Friday.

More info: <https://www.studentaffairs.pitt.edu/commuter/lockers/>

10. Harry S. Truman Scholarship – deadline Dec 3

The Truman Foundation is the nation's official living memorial to our thirty-third president and The Presidential Memorial to Public Service. President Truman did not want a bricks and mortar monument. Instead, he encouraged a living memorial that would give life to the values of service that had animated his career.

In that spirit, the Truman Foundation is a place that nurtures and supports future generations who answer the call to public service leadership.

The hallmark of the Foundation's work is the Truman Scholarship, the premier graduate fellowship in the United States for those pursuing careers as public service leaders.

This scholarship requires Pitt endorsement.

More info & apply: <http://bit.ly/2DOP70s>

11. Barry Goldwater Scholarship – deadline Dec 7

The Barry Goldwater Scholarship and Excellence in Education Foundation was established by Congress in 1986 to serve as a living memorial to honor the lifetime work of Senator Barry Goldwater, who served his country for 56 years as a soldier and statesman, including 30 years in the U.S. Senate. By providing scholarships to college

sophomores and juniors who intend to pursue research careers in the natural sciences, mathematics and engineering, the Goldwater Foundation is helping ensure that the U.S. is producing the number of highly-qualified professionals the Nation needs in these critical fields.

The Goldwater Scholarship provides a prestigious \$7500/year scholarship for undergraduates pursuing STEM research careers.

This scholarship requires Pitt endorsement.

More info & apply: <http://bit.ly/2TveUPY>

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12. Clarkson Scholars Program – deadline Jan 14

Each year, the Clarkston Scholars Program provides one sophomore attending a four-year college or university undergraduate program in Pennsylvania, majoring in a life sciences related field of study, a \$10,000 scholarship award (\$5,000 per year for junior and senior year). In addition, the Clarkston Scholar will receive exposure to the life sciences industry through mentoring with Clarkston Consulting and participation in [Life Sciences Pennsylvania \(LSPA\) events](#) over the course of the two-year scholarship award period.

More info & apply: <https://clarkstonconsulting.com/clarkston-scholars-program/>

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13. Trefil Science Scholarship (Polish Descent) – deadline Jan 15

The Drs. James and Wanda Trefil Science Scholarship of \$5,000 is awarded to a qualified undergraduate student who is majoring in the Natural Sciences: physics, chemistry, biology, astronomy, earth science, etc. One \$5,000 scholarship is available for full-time studies in the United States. Funding is for academic year **September 2019 - May 2020**. The selection of a scholarship winner is made on a competitive basis by the Kosciuszko Foundation.

More info & apply: <https://www.thekf.org/kf/scholarships/tuition/science/>

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14. Udall Scholarship – deadline Feb 8

The Udall Foundation awards scholarships to college sophomores and juniors for leadership, public service, and commitment to issues related to Native American nations or to the environment.

In 2019, the Udall Foundation anticipates awarding 50 scholarships of up to \$7,000 each.

The Udall scholarship honors the legacies of Morris Udall and Stewart Udall, whose careers had a significant impact on Native American self-governance, health care, and the stewardship of public lands and natural resources.

This scholarship requires Pitt endorsement.

More info & apply: <http://bit.ly/2ToVaNE>

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15. RIT's List of Opportunities

Rochester Institute of Technology (RIT) has an expansive list of summer research opportunities. These are not updated for 2019, but you can go to individual programs and see if the individual programs have been updated. Deadlines are soon approaching and you will want to start looking now!

More info: <http://bit.ly/2F3gghl>

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16. Monell Science Apprenticeship – deadline Dec 14

The Monell Science Apprenticeship Program brings high school and undergraduate college students to the Center

each summer to conduct experiments related to the senses and nutrition.

An intensive eight-week internship allows students to participate in structured research experiences, as well as in a number of enrichment activities. The budding scientists gain an increased appreciation of the chemical senses, and also valuable experience in the world of working scientists: a demystification of science, the development of critical thinking skills, and hands-on experience of the scientific process.

More info & apply: http://www.monell.org/education_training/science_apprenticeship_program

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17. DAAD Rise Germany (Botany) – deadline Dec 15

Anze Zerdoner Calasan is a PhD student at the University of Osnabrueck (Lower Saxony, Germany), and working as a research associate at the Department of Botany. In the frame of his PhD project titled “Biogeographical dynamics of plant taxa and climate-landscape history of the Eurasian steppe belt: Genes documenting history”, he is trying to elucidate the evolutionary dynamics of the Eurasian steppe belt in space and time by tracing phylogenetic signals in selected plant species that can be found in this ecoregion.

Financially supported by the German Federal Foreign Office, Anze has a possibility to offer a summer internship to undergraduate students from North American, British and/or Irish universities. **The successful candidate will also obtain a monthly scholarship (750 euros) during her/his stay.**

Information about the RISE Germany and of the application procedure can be found at the following website: <https://www.daad.de/rise/en/rise-germany/>

The deadline for the application is **December 15th 2018** (11:59 pm CET – Central European Time).

The reference code, under which this project can be found is Osnabrueck_BI_BI_3269; **Subject area: Biology, Field of specialisation: Plant Biology, Biology others, Title: Genes Documenting History: Florogenesis of the Eurasian Steppe Belt in Time and Space.**

Contact Anze with any questions at: anze.z.c@gmail.com

For Anze's personal website: <https://zerdonercalasan.wordpress.com/>

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18. CHOP Phila REU – deadline Jan 31

The Center for Injury Research and Prevention (CIRP) at the Children's Hospital of Philadelphia Research Institute hosts the Injury Science Research Experiences for Undergraduates (REU) program, a 10-week paid summer research internship opportunity for undergraduate students. CIRP is a leading multidisciplinary center engaged in collaborative cross-discipline research implementing real-world applications.

The REU program, sponsored by the [National Science Foundation \(NSF\)](#), provides underrepresented students with mentorship and hands-on research experience in the fields of engineering, behavioral science, education, population science, and statistics. Students will apply this scientific foundation to assist in developing evidence-based prevention products, programs, policies, and interventions.

More info & apply: <https://injury.research.chop.edu/training-opportunities/reu>

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19. AMGEN Scholars Program – deadline Feb 1

The Amgen Scholars Program aims to open the door to research opportunities at 24 host institutions for undergraduates from any four-year college or university in a given region. Made possible through a 16-year, \$74 million commitment from the Amgen Foundation, Amgen Scholars allows undergraduates from across the globe to participate in cutting-edge research opportunities at world-class institutions. 24 premier educational and research institutions across the U.S., Europe, Asia, Australia and Canada currently host the summer program.

Undergraduate participants benefit from undertaking a research project under top faculty, being part of a cohort-based experience of seminars and networking events, and taking part in a symposium in their respective region where they meet their peers, learn about biotechnology, and hear from leading scientists.

More info & apply: <http://amgenscholars.com/us-program/>

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20. Pitt SOM SURP – deadline Feb 1

Six graduate programs in the Pitt School of Medicine sponsor SURP - an annual Summer Undergraduate Research Program. SURP participants engage in an intensive 10-week program designed to provide hands-on experience in biomedical research, together with guidance on how to plan for a research-related career. SURP-2019 will run from May 20 through July 26, 2019.

Through SURP, aspiring biomedical scientists gain significant experience to help decide whether a life in research is “right” for them. SURP serves as a stepping-stone from undergraduate studies to advanced PhD training in the biological and biomedical sciences.

More info & apply: <http://somgrad.pitt.edu/programs/summer-research/summer-undergraduate-research-program>

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21. Pitt Vascular Med SURP – deadline Feb 28

The [University of Pittsburgh](http://www.pitt.edu), in cooperation with the [American Heart Association](http://www.heart.org) and the [Vascular Medicine Institute](http://www.vmi.pitt.edu), offers a stipend to support summer research experiences in cardiovascular sciences or brain ischemia research for undergraduates mentored by a University faculty member. The SURP is designed to expose students to cutting-edge basic and translational cardiovascular research.

More info & apply: <http://www.vmi.pitt.edu/aha-surp/index.html>

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22. Yale’s List of Opportunities

The Yale Office of Career Strategy has a great list of gap year and short-term opportunities to look into! Opportunities include health-related, policy, environmental, sustainability, teaching, and more!

More info: <http://bit.ly/2yV9ips>

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23. NIMH Mood Brain Development Unit – deadline Dec 15

The Mood, Brain and Development Unit (MBDU) at the National Institute of Mental Health (NIMH) in Bethesda, Maryland, is recruiting applicants for two-year, paid Intramural Research Training Award (IRTA) Fellowship with employment beginning in June 2019.

MBDU conducts research using fMRI data to study pathophysiology, treatment and prevention of childhood mental illnesses, with an emphasis on major depressive disorder in children and adolescents. IRTA Fellows are involved in all aspects of the clinical research process, including analyzing data and interacting with patients.

Apply: <https://goo.gl/forms/kpkRpkfzFNS40qeh1>

Send an updated resume or CV and unofficial transcript to Christine Wei at christine.wei@nih.gov.

Applicants should also complete the NIH’s universal IRTA application found at https://www.training.nih.gov/programs/postbac_irta by **January 15, 2019** to be considered for this position.

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24. Institute for Health Metrics Post-Bac Fellowship – deadline Jan 10

Fellows at the Institute for Health Metrics and Evaluation (IHME) impact the health of billions of people by analyzing data and developing new tools. At IHME, we analyze the world’s health data to make better decisions about important health problems. This requires insights from a variety of fields, from computer science to anthropology.

Post-Bachelor Fellows (PBFs) use creativity to solve complex global health problems. As a PBF, you will join a

community of passionate researchers in our dynamic research institute. We value diversity, innovation, and critical thinking.

More info & apply: <http://www.healthdata.org/post-bachelor-fellowship>

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Until next week,

**Christine Berliner
Ellen Kelsey
Jessica Wandelt
Dan Wetzel
Kevin Wu**

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