

**Subject:** [BioAdv] Newsletter 12/12/2017  
**Date:** Tuesday, December 12, 2017 at 1:26:57 PM Eastern Standard Time  
**From:** For distribution of newsletters and announcement to majors in the Department of Biological Sciences (sent by BioAdvising <bioadvising-bounces@list.pitt.edu>)  
**To:** For distribution of newsletters and announcement to majors in the Department of Biological Sciences  
**Attachments:** ATT00001.txt

## Bio Advising Newsletter – 12/12/2017

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\*\*\* **DETAILS** \*\*\* **DETAILS** \*\*\*  
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#### 1. Advising Meetings, Quick Questions, Winter Recess

**FINALS WEEK!** The Bio Advisors are here to help! Feel free to come with questions or ideas or just to chat. You are able to walk-in during regular business hours or make an appointment.

**The Advising Office (and University) will be closed from December 22, 2017 to January 1, 2018.**

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#### 2. Bio Advising Snack Break **This Week!**

All week — snack break! Stop by the Advising Office in A258 Langley for FREE snacks during finals week (Dec 11 - 15). **FOR BIO MAJORS EXCLUSIVELY!**

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### 3. Resume/CV Feedback with Ellen

Through the end of this term, there will be no set hours for Resume/CV feedback. If you would like to have your Resume/CV reviewed, you can drop in if Ellen is in her office, in A257 Langley, or make an appointment on her appointment sheet, in A258 Langley.

Any additional questions, email [ellen.kelsey@pitt.edu](mailto:ellen.kelsey@pitt.edu)

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### 4. IHME Post-Bachelor Fellowship – deadline Jan 10

The Post-Bachelor Fellowship (PBF) is a structured health research program where individuals can apply their knowledge and passion to help advance the field of health metrics and accelerate global health progress. This fellowship provides a unique opportunity for recent college graduates with strong quantitative skills to train with faculty and senior researchers on a variety of public health projects.

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

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### 5. ODK Senior of the Year Award Application – deadline Jan 12

Since the 1920's the University of Pittsburgh chapter of Omicron Delta Kappa, the national leadership honor society, has recognized one recently graduated or graduating senior who exemplifies leadership of exceptional quality and versatility. The winner is announced at the annual Honors Convocation. Additionally, the student's name will be engraved on a stone in the ODK Leadership Walk between the Cathedral of Learning and Heinz Memorial Chapel.

The purpose of the SENIOR OF THE YEAR award is to:

- Recognize a student for meritorious leadership and extracurricular activities;
- Recognize a student who has developed as a whole person, both as a member of the Pitt community and as a prospective contributor to the greater world;
- Recognize exemplary character, responsible leadership, service in campus and/or community life, scholarship, genuine fellowship, and dedication to democratic ideals;
- Recognize the type of student who the University aspires to produce;
- Inspire others to strive for similar conspicuous attainments.

More info & apply: <https://www.studentaffairs.pitt.edu/news/omicron-delta-kappa-senior-of-the-year-award-applications-now-open/>

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### 6. Undergrad Research Opportunities for Spring

Collaboration between the Thomas lab (Microbiology and Molecular Genetics) and the Gronenborn lab (Structural Biology) has identified a novel regulatory cascade which governs diverse processes underlying disease conditions such as cancer, neurodegeneration, and obesity/diabetes. A wide range of techniques are being used to develop an atomic knowledge of the proteins involved in this cascade for the future design of novel therapeutics.

Beginning in the spring semester, there is the opportunity for up to **3 undergraduates** to receive training in the fields of molecular biology, biochemistry, and structural biology. The time requirement is variable and a prospective student may decide at the beginning of the semester how much time they wish to contribute on a weekly basis. Following completion of the semester and a satisfactory performance, students will be offered the opportunity to apply their training to an individualized project associated with the overall research goals in the summer. These are not paid positions but thoughtful and hardworking contributions will be rewarded with authorship on publications [and potential for academic credit]. Students must be able to fulfil their time commitments during the hours of 6AM-3PM. All levels of experience are welcome.

**Interested students should send a resume and contact:**  
Troy Krzysiak PhD

[Trk8@pitt.edu](mailto:Trk8@pitt.edu)

University of Pittsburgh School of Medicine, Department of Structural Biology  
BST3 Suite 1043

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## **7. Science & Art Night Call for Submissions**

The Pitt Pulse, a student-run creative science magazine, is hosting a Science & Art Night on Thursday January 18th. The event will feature a gallery of student and faculty work, a local speed painter creating portraits of George Bandik and James Conner, hands-on art projects, and a keynote science speaker. If you are interested in submitting an original art piece or eye-catching scientific image from your research, please fill out the form in the link below. You do not need to have a piece ready at this time to fill out the form. Contact Jill McDonnell ([jem250@pitt.edu](mailto:jem250@pitt.edu)) for any questions, and visit [thepittpulse.org](http://thepittpulse.org) to read their latest issue!

Submission form: <https://goo.gl/forms/HBcFZduSxHHk5XUg1>

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## **8. Summer Camp Staff Positions (Healthcare Experience!)**

[The Woodlands](#) is a Wexford-area nonprofit serving individuals of all ages experiencing disability and chronic illness through retreat-style respite programming.

Woodlands Summer Staff support participants in all aspects of their time during summer programming. Staff work with participants of all ages, adapting traditional camp activities, engaging in direct, holistic personal care, and practicing both individual and group instruction.

Many students use these paid positions to satisfy internship, practicum, observational, or fieldwork requirements as dictated by their academic programs.

The Woodlands is calling for committed, caring, and compassionate leaders to join their Summer Staff for the camp season: June 2-August 16, 2018!

To Apply:

- RSVP to our first Group Process Interview Session, Monday February 12 at 4:00pm, by emailing Patrick Joyal, Talent Acquisition Coordinator at [pjoyal@woodlandsfoundation.org](mailto:pjoyal@woodlandsfoundation.org).

NOTE: Group Process applicants are selected on a first-come, first-served basis, and all will submit a completed [Woodlands Employment Application](#) and resume prior to [pjoyal@woodlandsfoundation.org](mailto:pjoyal@woodlandsfoundation.org) prior to visiting campus.

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## **9. Pitt Prison Outreach Book Drive – Dec 8-16**

There will be a bin out for a Books-to-Prisoners book drive in the Bio Advising office (A258 Langley) from December 8-16.

PPO is looking primarily for textbooks, but other books are fine. Books must be in decent condition.

Have questions? Email [pittprisonoutreach1@gmail.com](mailto:pittprisonoutreach1@gmail.com)

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## **10. Allegheny Health Dept of Med Internship – deadline Jan 19**

The Department of Medicine (DOM) Research Program at Allegheny Health Network (AHN) is seeking applicants for its Class of 2018 Summer Internship Program.

The DOM Summer Internship Program, based in Pittsburgh, PA, offers undergraduate, graduate, and professional degree students the opportunity to conduct an independent research project over the course of an eight-week internship under the mentorship of a DOM faculty member. Interns gain experience in all aspects of the research process including reviewing relevant literature, developing experimental protocols, conducting experiments at the bench, and analyzing data. Interns also write an abstract and deliver an oral

presentation of their project to DOM faculty and staff at the end of the internship.

More info & apply: <https://apply.interfolio.com/47727>

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**11. Hackensack Univ Clinical Research in Pediatrics – deadline Jan 22**

Hackensack University Medical Center offers an 8-week research volunteer position during the summer to 8-10 outstanding undergraduate, post baccalaureate, and first year medical students interested in gaining clinical research experience.

The 2018 Summer Clinical Research Volunteer Program in Pediatrics at Hackensack University Medical Center offers pre-medical and medical students the opportunity to work closely with a faculty mentor on one or more research projects related to their specific sub-specialty. The primary focus of this position is clinical research and writing. Each departmental track of the program will grant admission to 2-3 students. These students will have the unique opportunity to join a faculty member in completing an ongoing research project and/or create a new project proposal with his or her mentor’s guidance. Students will also gain valuable insight into the publication process, including opportunities to participate in co-authorship of research projects in peer-reviewed pediatric journals.

More info & apply: <https://www.hackensackumc.org/services/pediatrics/summer-clinical-research-program-application/>

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**12. Pitt School of Med SURP – deadline Feb 1**

The Summer Undergraduate Research Program (SURP) will begin May, 21, 2018 and end July 27, 2018.

SURP provides an intensive 10-week research experience designed to help undergraduates perform outstanding cutting edge research at Pitt. Students are matched with research mentors, participate in weekly seminars and lab meetings and conduct laboratory based research.

The program is administered by the Interdisciplinary Biomedical Graduate Program (IBGP) at the University of Pittsburgh School of Medicine - a premiere research center in the historic Oakland section of Pittsburgh. The School of Medicine provides an exceptional environment for students to gain research experience under the guidance of internationally recognized scientists.

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

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**13. Harvard Forest Research in Ecology – deadline Feb 2**

The Harvard Forest Summer Research Program in Ecology is an opportunity for students to participate in 11 weeks of mentored, paid, independent research focusing on the effects of natural and human disturbances on forest ecosystems, including global climate change, hurricanes, forest harvest, wildlife dynamics, and species diversity. Researchers come from many disciplines, and specific projects center on population and community ecology, paleoecology, land-use history, biochemistry, soil science, ecophysiology, atmosphere-biosphere exchanges, landscape modeling, and data provenance

More info & apply: <http://harvardforest.fas.harvard.edu/other-tags/reu>

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**14. Fulbright UK Summer Institute – deadline Feb 7**

The Fulbright U.K. Summer Institutes are three-to-four week programs for U.S. undergraduate students. Participants explore the culture, heritage and history of the U.K. while experiencing higher education at a U.K. university.

The program covers airfare, tuitions and fees, accommodations and in some cases, daily meals. Upon completion of the Institute, participants are expected to return to the U.S. to continue their education.

Eligibility requirements are as follow:

- Must be a U.S. citizen and possess a U.S. passport.
- Must be at least 18-years old by the start of the program.
- Must have a minimum GPA of 3.7.
- Must have at least two years of undergraduate study remaining after the Institute finishes.
- Must have had little or no study or travel outside of the U.S.

The deadline to apply is Feb. 7, 2018. Please email any questions to Judy Zang at [jaz36@pitt.edu](mailto:jaz36@pitt.edu).

More info & apply: [2018 Fulbright U.K. Summer Institutes](#)

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**15. Pitt Vascular Med Institute SURP – deadline Feb 28**

The University of Pittsburgh, in cooperation with the [American Heart Association](#) and the [Vascular Medicine Institute](#), 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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**16. Amgen Scholars – deadlines vary**

Amgen Scholars allows undergraduates from across the globe to participate in cutting-edge research opportunities at 17 world-class institutions.

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 (U.S., Europe or Japan) where they meet their peers, learn about biotechnology, and hear from leading scientists.

Hosting Institutions: CalTech, Columbia, Harvard, MIT, NIH, Stanford, UC-Berkeley, UCLA, UCSF, WashU, Kyoto University, Univ of Tokyo

More info: <http://www.amgenscholars.com/>

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**17. Clarkston Scholars Program – deadline Jan 15**

A Clarkston Scholar is a highly-driven student who excels in the classroom, has a focused interest and passion for the life sciences industry, and intends to enter the industry upon graduation.

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 & application: <https://clarkstonconsulting.com/clarkston-scholars-program/>

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**18. Udall Scholarship – deadline Feb 5**

Are you a sophomore or junior committed to environmental issues? Apply for the Udall Undergraduate Scholarship.

The award provides \$7,000 to sophomores and juniors from any discipline who demonstrate a commitment

to environmental issues through a combination of coursework, research, internships, jobs or extracurricular activities. Native American or Alaskan native students are also eligible for fields related to tribal health care or tribal policy.

Pitt can nominate up to eight candidates for this award. U.S. citizens, nationals and permanent residents are eligible to apply.

More info & application: <https://goo.gl/G9bbAX>

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### **Until next year!**

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