

**Subject:** [BioAdv] Newsletter 12/8/2015

**Date:** Tuesday, December 8, 2015 at 2:06:47 PM Eastern Standard Time

**From:** BioAdv Biological Sciences (sent by BioAdvising <bioadvising-bounces@list.pitt.edu>)

**To:** BioAdv Biological Sciences

**OVERVIEW (See below for details)**

**ADVISING**

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2. Snack Break
3. Summer Research Bulletin Board

**CHECK IT OUT**

4. ARC Peer Tutoring
5. Stress Free Week – Dec 7-11
6. Teacher Education Q&A – Dec 9

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7. Job – Undergraduate Lab Assistant – Spring 2016
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**SPRING & SUMMER COURSES**

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11. PLE Courses
12. Wyoming Field Course

**SUMMER RESEARCH**

13. Roswell Park Cancer Institute – deadline Jan 10
14. North Dakota State University Summer Research – deadline Jan 29
15. SENS Research Foundation – deadline Feb 1

**CLUBS**

- Biology Club
- Birding & Ornithology Club
- Ecology Club
- Natural Sciences Research Club
- Optometry Club
- Panther Cure Finder
- Pitt Outdoors Club
- POMS
- Pre-PA Club
- Pre-Vet Club
- TRI-BETA

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\*\*\* **DETAILS** \*\*\* **DETAILS** \*\*\*  
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**1. Advising: Appointments, Drop-Ins & Holiday Hours**

As the semester winds down, please feel free to stop by the Advising Office for general questions or to make an appointment to talk to us about interests or concerns – finals, courses, careers, graduate programs, etc.

**We will be in the office during finals week and through December 23<sup>rd</sup>.**

**The Biological Sciences Advising Office is closed from December 24-January 3; we reopen January 4.**

**Please note that Spring Term classes begin on Wednesday, January 6<sup>th</sup>.**

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**2. Snack Break**

*Coming next week – snack break! Stop by the Advising Office for a healthy snack during finals week (Dec 14 - 18).*

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**3. Summer Research Bulletin Board**

Stop by the Advising Office to check out the fliers of additional summer undergraduate research opportunities. We will gladly make copies of any flier you want!

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#### **4. ARC Peer Tutoring**

Looking for some extra help as you study for finals? Take advantage of Peer Tutoring offered by the Academic Resource Center in the Gardner Steel Conference Center. Tutoring is available by appointment, drop-in, or small group in Foundations of Biology, General Chemistry, Organic Chemistry, Physics, and Statistics!

For information on scheduling tutoring/tutoring sessions: <http://www.asundergrad.pitt.edu/arc/peer-tutoring>

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#### **5. Stress Free Week – Dec 7-11, 3<sup>rd</sup> Floor WPU**

Need a break from studying? Check out the Stress Free Zone at the William Pitt Union. They have all kinds of events from Mindful Eating presentations and 5-Minutes Massages to Coloring and Yoga Workshops!

For a detailed calendar: <http://www.studentaffairs.pitt.edu/sfzcalendar>

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#### **6. Teacher Education Q&A – Dec 9, 5:30pm, 5500 Posvar Hall**

The January 15<sup>th</sup> application deadline for our Teacher Education programs is quickly approaching! To put overwhelmed undergraduate minds at ease, the School of Education Admissions Team will be hosting a last-minute question and answer session (WITH SNACKS!). This is an excellent opportunity for Pitt seniors to voice concerns, clear up confusion, and ask questions about our programs and the admissions process.

No RSVP needed.

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#### **7. Job – Undergraduate Lab Assistant – Spring 2016**

The Biological Sciences Department is looking for an Undergraduate Laboratory Assistant for Foundations of Biology Laboratory I and II during the 2016 spring semester. The job entails working as a team member to prepare for laboratory classes and maintain prep areas. Lab assistants will gain knowledge of general laboratory practices over the school year including pouring plates, sterile technique, and solution preparation. Tasks vary on a day-to-day basis with the curriculum of the course. The workload is between 9-15 hours/week.

Requirements: Interested students must be declared biology majors that have already completed both 0050 and 0060 Foundations of Biology Laboratory courses. Work-study is strongly preferred.

Interested students can find additional information and apply at: <https://www.pittsource.com/postings/108308>

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#### **8. University Honors College Scholarship – deadline Jan 22**

The University Honors College (UHC) Scholarship Program provides \$2,000 in tuition support to approximately forty outstanding undergraduate students each year. This scholarship should be of special interest to students whose excellent work was not predicted by high school performance, to transfer students, and to students who applied too late to be considered for a scholarship upon matriculation.

For more information/application: <http://honorscollege.pitt.edu/uhc-scholarships>

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#### **9. Engineering/Environmental Studies Scholarship – deadline Feb 1**

Franklin Energy Services, LLC has established a scholarship program to assist Engineering and Environmental Science majors entering their junior or senior year of college. Scholarships are offered each year for full-time study at an accredited four-year college or university of the student's choice

##### **Eligibility**

Applicants to the Energy Efficiency Experts of Tomorrow scholarship program must:

- Be current postsecondary undergraduates entering their junior or senior year who are enrolled in full-time study for the entire 2016-17 academic year.
- Have declared a major of Engineering or Environmental Science (Biological Sciences/Ecology & Evolution are

applicable).

- Have a minimum cumulative grade point average of 3.0.

For more information/application: <https://www.scholarshipamerica.org/franklinenergy/>

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## 10. Graduate Neuropharmacology Course Option – Spring 2016

This course can be used as an elective for these Department of Biological Sciences majors: BIOSC, E&E, MOLBIO

### MSNBIO 2614 NEUROPHARMACOLOGY

This course will broadly review neuropharmacology and neurobiology, study monoamine, cholinergic, and GPCR biology, and explore the blood-brain barrier and its significance to neuropharmacology. The course will focus on the molecular mechanisms of a drug action for different classes of compounds including, but not limited to, antidepressants, antipsychotics, anti-epileptics, anesthetics, weight loss, stimulants, neuroprotective, addiction, pain, and migraine drugs. In addition to the formal lectures the course will emphasize critical reading of the primary literature through journal-club style discussions and cover the most recent treatment and therapeutic avenues being developed for a broad range of neurologic and psychiatric disorders. The course is ideally suited for Molecular Pharmacology and Neuroscience graduate students or any other graduate student with an interest in neurological diseases and their treatments. The course is also appropriate for pre-professional undergraduates who have completed 4 semesters of chemistry and 2 semesters of biology.

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## 11. PLE Courses

Brochures for the 2016 Summer Pymatuning Laboratory of Ecology (PLE) Courses are available in the Advising Office. Courses span 3 weeks and they run in sessions from mid-May through the end of July.

All PLE courses satisfy an *elective* and a *field course/lab* requirement for majors in the Department of Biological Sciences.

For courses and dates: <http://www.biology.pitt.edu/facilities/pymatuning/courses/course-schedule>

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## 12. Wyoming Field Course

Sponsored in part by the University of Pittsburgh Honors College.

The Wyoming Field Studies Program is a unique introduction to the fundamental practices of paleontology, ecology, and archaeology, with a strong emphasis on field techniques. Students are given the opportunity to unlock a natural time capsule, one teeming with remnants of life that date back 150 million years.

Program Specifics:

- 6 Credits (courses DO NOT satisfy any electives for majors in the Department of Biological Sciences)
- June 27-Aug 8
- Cost of about \$4000 including tuition, room, board, and equipment

For more information and reserving a spot: <http://www.honorscollege.pitt.edu/wyoming-field-studies>

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## 13. Roswell Park Cancer Institute – deadline Jan 10

### For College Juniors

Are you a college junior contemplating a research career choice that includes graduate school? Then consider an internship that gives you a first-hand cancer research experience by working full-time on an independent project. Your research experience will take place in the collaborative environment of a research laboratory headed by a world-renowned cancer researcher. You will receive mentorship and insight into your desired future career by working alongside a research staff of graduate students, post-doctoral scholars and laboratory technicians.

Program Specifics:

- 10 weeks (June 6-August 12), stipend awarded based on qualifications
- Application Fee: \$20
- Program Fee: \$50
- Housing Fee (if needed): TBD

For more information and how to apply: <https://www.roswellpark.edu/education/summer-programs/college-students>

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**14. North Dakota State University Summer Research – deadline Jan 29**

This is the 4th year of the summer undergraduate research program in discipline-based education at North Dakota State University. This program is an excellent opportunity for students interested in the learning and teaching of STEM at the undergraduate level to engage in an immersive, 10-week summer research experience.

Program Specifics:

- 10 weeks (May 29-August 6), \$5000 stipend, on-campus housing provided

For more information and how to apply: <https://www.ndsu.edu/cider/reu/>

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**15. SENS Research Foundation – deadline Feb 1**

The SRF Summer Scholars Program offers undergraduate students the opportunity to conduct biomedical research to combat diseases of aging, such as cancer and neurodegenerative diseases. The Summer Scholars Program emphasizes development of both laboratory and communication skills to develop well-rounded scientists who can work equally well with other scientists or the general public. Additionally, a poster presentation at a SRF-sponsored conference at the end of the summer will provide students with an opportunity to put all of their newly developed communication skills into practice when they present their results to scientists from other research institutions.

Paid positions are available at:

- Buck Institute for Research on Aging
- Harvard School of Medicine
- Sanford-Burnham Prebys Medical Discovery Institute
- Scripps Research Institute
- SRF Research Center
- Wake Forest Institute for Regenerative Medicine

For more information and how to apply: <http://www.sens.org/2016-summer-scholars>

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**BIOLOGY CLUB - Tuesdays, 8:30pm**

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**BIRDING & ORNITHOLOGY CLUB**  
[PittBirdingClub@gmail.com](mailto:PittBirdingClub@gmail.com)  
[www.facebook.com/groups/302359673107538](http://www.facebook.com/groups/302359673107538)

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**ECOLOGY CLUB - Wednesdays, 8:45pm, 540 WPU**  
[pittecologyclub@gmail.com](mailto:pittecologyclub@gmail.com)

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**NATURAL SCIENCE RESEARCH CLUB – Thursdays, 7pm**  
<https://pitt2.collegiatelink.net/organization/naturalscience>  
<https://www.facebook.com/pittnsrc/>  
[LRG28@pitt.edu](mailto:LRG28@pitt.edu)

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**OPTOMETRY CLUB**  
[pittoptclub@gmail.com](mailto:pittoptclub@gmail.com)

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**PANTHER CURE FINDER**

questions: [MNW17@pitt.edu](mailto:MNW17@pitt.edu)

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**PITT OUTDOORS CLUB**  
<https://www.facebook.com/PittOutdoorsClub>  
<http://pittoutdoors.blogspot.com/>

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**POMS**

Premedical Organization for Minority Students

<http://www.poms.us>

[pomspitt@gmail.com](mailto:pomspitt@gmail.com)

<https://list.pitt.edu/mailman/listinfo/poms>

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**PRE-PHYSICIAN ASSISTANT CLUB - Alternate Wednesdays, 9pm, 837 WPU**

[pittppaa@gmail.com](mailto:pittppaa@gmail.com)

<https://www.facebook.com/groups/523230964458833/>

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**PRE-VET CLUB - Alternate Thursdays, 7:30pm, Langley Hall**

[pittprevet@gmail.com](mailto:pittprevet@gmail.com)

<https://www.facebook.com/groups/441907539257843/>

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**TRI-BETA - Alternate Tuesdays in Langley A224**

[www.facebook.com/groups/tribetapitt](http://www.facebook.com/groups/tribetapitt)

[tribeta.universityofpittsburgh@gmail.com](mailto:tribeta.universityofpittsburgh@gmail.com)

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**Until next week,**

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