

**Subject:** [BioAdv] Newsletter 4/16/2019  
**Date:** Tuesday, April 16, 2019 at 12:27:12 PM Eastern Daylight 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 – 4/16/2019**

**OVERVIEW (See below for details)**

**ADVISING**

1. Advising Meetings
2. Summer Advising Office Hours
3. Snack Break – Next Week!
4. Summer Mentoring Opportunity

**SENIORS**

5. Graduating in Dec 2019? Apply! – deadline Jul 8
6. Pitt Biospecimen Core Employment Opportunities
7. Magee Lab Tech Employment Opportunity

**BIO PEER ADVISING**

8. Bio Blog: BIOSC 0067 Neural Defects Lab
9. Peer Advising Office Hours **(Last Opportunity!)**

**CHECK IT OUT**

10. Fall UTA Opportunity for Non-Majors Bio Course
11. Fall Class: Genetics Honors Sem – Scientific Foundations of Precision Med
12. DE-STRESS B4 THE TESTS – Apr 15-24
13. DEA Drug Take Back Day – Apr 18
14. Pitt Innovation Challenge – deadline Apr 24
15. Fall THINK Research Fellowship – deadline May 13

**SUMMER OPPORTUNITIES**

16. Pitt Shadow In Your City
17. NASA PASCg Research Award – deadline Apr 29

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 \*\*\* **DETAILS** \*\*\* **DETAILS** \*\*\*  
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**1. Advising Meetings**

Last week of classes! We have time if you want to stop by to talk or ask us questions. We are available for walk-ins or appointments in A258 Langley.

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**2. Summer Advising Office Hours**

The Advising Office will be open in the summer, staffed by Christine and Kevin. (Jessica, Ellen, and Dan will return at the beginning of the Fall term).

Christine and/or Kevin will be available for walk-ins and appointments in A258 Langley, Monday-Friday from 10am-4pm.

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### 3. Snack Break – Next Week!

Hey Bio majors! FREE FREE FREE snacks during finals week!!!! Stop by A258 Langley!

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### 4. Summer Mentoring Opportunity

Will you be on campus in August (more specifically during orientation week)? Want to help welcome the new Pitt students to the Department of Biological Sciences? We may be looking for volunteers to share their experiences in the department during some information sessions.

Details to come later. If you might be interested, please send an email to [bioadv@pitt.edu](mailto:bioadv@pitt.edu) with the subject title: Summer Mentoring.

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### 5. Graduating in Dec 2019? Apply! – deadline Jul 8

Are you a senior who plans on graduating in December 2019? Make sure you go to 140 Thackeray to pick up AND return your Application for Graduation.

Do it before July 8. It is free during this time. Late applications will be charged a fee!

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### 6. Pitt Biospecimen Core Employment Opportunities

Tissue Bank Technician Position: <http://bit.ly/2VPFwvB>

Biospecimen Technician Position: <http://bit.ly/2GoOk6g>

Research Technician Position: <http://bit.ly/2ZdrvtM>

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### 7. Magee Lab Tech Employment Opportunity

Full Time Lab Tech Position Available at UPMC's Magee Women's Research Institute in the Pregnancy Adaptations Lab Group

- Hours for this position: 8:30AM-5PM (could also be 8-4:30)
- Summary of lab/department: Studies pregnancy outcomes and women's health with clinical studies, cell culture systems, and mouse models to elucidate the mechanism underlying the hypertensive pregnancy disorder preeclampsia, and why women who have experienced preeclampsia are at heightened risk of later life cardiovascular disease. One line of investigation is to understand the cardiovascular effects of exosomes, a class of circulating extracellular vesicles, that may be abnormal in women with preeclampsia and related pregnancy disorders.
- Employee role(s):
  - Assist in performing research protocol experimental procedures, under close supervision, including the isolation/purification of exosomes and other microparticles from patient plasma and serum samples, performance of cell culture experiments, and recording, storage and analysis of data.
  - Prepare, label, store and dispose of reagents.
  - Maintain laboratory inventory, including timely ordering and receipt of required supplies and their proper storage.
  - Performance of basic biology and chemistry research methodologies including preparation of media, cell/tissue culture, microscopy, immunohistochemistry, ELISA, PCR and Western blot.
- Ideal candidate: Given the 2-year, non-renewable funding and nature of the work, an ideal candidate could include a recent college graduate seeking to do a gap year(s) prior to medical or graduate school. College

degree or equivalent preferred. Some prior experience working within a biomedical research laboratory environment, including cell culture, operation of laboratory equipment, and microscopic examination.

- Preferred Qualifications:
  - Bachelor's degree is preferred.
  - Previous research experience is preferred
  - Demonstrated ability to accurately collect, store and interpret research data.
  - Some prior training in the area of basic science, biology and chemistry.
  - Strong written and verbal skills.
  - Familiarity with both PC and Mac platforms.
- Start Date: Beginning of May
- Interested applicants should contact [dolinisham@upmc.edu](mailto:dolinisham@upmc.edu) with questions and for further information on how to apply

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### 8. Bio Blog: BIOSC 0067 Neural Defects Lab

This week on the PittBioBlog: Junior Biological Sciences major Julia shares her experience in BIOSC 0067 Neural Defects: <https://pittbioblog.weebly.com/blog/choosing-a-bio-2-biosc-006x-lab-neural-defects>

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### 9. Peer Advisor Office Hours (Last Opportunity!)

Final exams are around the corner! Talk to our Peer Advisors if you want some tips or suggestions on how to be successful during this time!

Peer Advisors will be holding regular office hours in **Langley A230**:

- Lisa & Kristen: Tuesday 4pm-5pm
- Sofie & Julia: Wednesday 9:30am-10:30am
- Isabella & Owen: Friday 3pm-4pm

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### 10. Fall UTA Opportunity for Non-Majors Bio Course

Have you taken BIOSC 0150 and Human Physiology (BIOSC/NROSCI 1250)? Looking for some mentoring or teaching experience?

Dr. Wandelt is looking for UTAs for BIOSC 0805: The Human Body, a non-majors biology course, for the fall term. Must be available Wednesdays 6-8:30.

Please contact Jessica Wandelt ([wandelt@pitt.edu](mailto:wandelt@pitt.edu)) if you are interested.

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### 11. Fall Class: Genetics Honors Sem – Scientific Foundations of Precision Med

Biosc 1590; 1 cr.  
Dr. Lewis Jacobson

Thursdays, 11:00-12:50  
Limited to 18 students

Prerequisites: Biosc 0350 (Genetics) or Biosc 0350 as co-requisite with permission  
Cumulative GPA  $\geq$  3.25 required or permission of instructor

This course will provide an opportunity for students to gain greater depth and breadth of knowledge of the practical applications of genetics and of the new genetic paradigms in medicine. Emphasis will be on class discussion, critical reading of primary research papers and integrative thinking.

Class flyer: <http://bit.ly/2Up4aWn>

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#### 12. DE-STRESS B4 THE TESTS – Apr 15-24

From free food to cycling and yoga, games. Wind down and calm your mind before final exams!

More info on events: <http://www.studentaffairs.pitt.edu/dean/finals/>

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#### 13. DEA Drug Take Back Day – Apr 18, 9am-3pm, Nordenberg Hall University Pharmacy

Visit the University Pharmacy from 9:00am-3:00pm on Thursday, April 18th to dispose of unused, expired, or unwanted medications.

This event is sponsored by the School of Pharmacy, University Pharmacy, Student Affairs, Pitt Police, and the Allegheny County District Attorney.

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

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#### 14. Pitt Innovation Challenge – deadline Apr 24

Up to \$555,000 in awards are available for funding!

What is your bold idea to solve a health-related problem? The Pitt Innovation Challenge is seeking your bold solution to an important health problem. Proposals from any discipline and on any topic that impacts health are encouraged to apply. At least one member of the team must be a University of Pittsburgh faculty member.

Need guidance regarding your submission? Stop by sciVelo (3602 Fifth Avenue, Pittsburgh, PA 15213) during open office hours to meet with a PInCh staff member and discuss your idea.

More info & apply: [www.pinch.pitt.edu](http://www.pinch.pitt.edu)

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#### 15. Fall THINK Research Fellowship – deadline May 13

The Fellowship supports University of Pittsburgh undergraduates who conduct an independent research project, participate in an interdisciplinary weekly seminar in which Fellows present and discuss their projects, and attend a series of faculty talks, workshops, and panel discussions. The fellowship awards a stipend of \$1000; in addition, it requires students to register for 1 credit of research. Please note that if the 1 credit pushes a fellowship winner over 18 credits, with special permission the Fellow may register for this credit in a later term.

More info & register: <https://www.honorscollege.pitt.edu/THINK>

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#### 16. Pitt Shadow In Your City

Visit a company or organization this summer! Take this opportunity to learn more about careers and industries, as well as how to stand out as a job internship candidate. Opportunities are available in these cities: Philadelphia, Washington, D.C., Chicago, and NYC!

More info & apply: <http://www.studentaffairs.pitt.edu/cdpa/shadow-in-your-city/>

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#### 17. NASA PASGC Research Award – deadline Apr 29

The Department of Physics and Astronomy has received funding from the Pennsylvania Space Grant Consortium to support undergraduate research. The goal of the NASA Space Grant program is to encourage students to enter STEM (science, technology, engineering and math) fields. Any STEM topic will be considered, but preference will

be given to research that is directly related to astronomy or space physics. Preference will also be given to qualified women and minority candidates and to candidates who have not received one of these scholarships in the recent past.

Three or more undergraduates will be supported for 10 weeks during the summer of 2019 starting **Monday, May 20<sup>th</sup>** and ending **Friday, July 26<sup>th</sup>**. Students who receive these scholarships will be expected to work fulltime on a research project directed by a faculty mentor. These students will also be required to participate in the Duquesne University Ethics Forum (late June) and to present their findings publicly at the Duquesne Symposium for Undergraduate Research (late July). **Please note that only U.S. Citizens are eligible to receive one of these awards.**

More details & application instructions: <https://goo.gl/D18d4K>

Questions should be directed to Dr. Russell Clark [ruc2@pitt.edu](mailto:ruc2@pitt.edu)

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**Until next week,**

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

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