

Subject: [BioAdv] Newsletter 1/8/2019
Date: Tuesday, January 8, 2019 at 1:14:25 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

And....we're back!

Bio Advising Newsletter – 1/8/2019

OVERVIEW (See below for details)

ADVISING

1. Advising: Drop-Ins & Appointments
2. Enrollment Deadlines: Add/Drop Jan 18; Extended Drop Jan 25
3. UTA/Research/Internship Forms – deadline Jan 18
4. Class Waitlists (**a Must Read!**)
5. Peer Advisor Add/Drop Office Hours

BIO DEPT EVENTS

6. Computational Biology Major Info Session – Jan 9
7. Undergrad Summer Research Q&A – Jan 25
8. Resume/CV Workshop – Feb 1

RESEARCH OPPORTUNITIES

9. Ashman Lab E&E Research Opportunity
10. Pagano Lab Research Opportunity

CHECK IT OUT

11. Pitt Pulse looking for writers
12. Pitt Women in Healthcare's PT Mentor-Mentee Program
13. Spring Student Activities Fair – Jan 9
14. E&E Seminar: Thermal bio of amphibian parasitism – Jan 9
15. How to Write Wow-Worthy Personal Statements – Jan 16
16. Osteopathic Med School Online Fair – Jan 17
17. Summer Study Abroad Applications – deadline Jan 20
18. Write Wow-Worthy Personal Statements Workshop – Jan 23
19. Fund Study Abroad in UK Info Session – Feb 11

SUMMER OPPORTUNITIES

20. RIT's List of Opportunities
21. CHOP Phila REU – deadline Jan 31
22. AMGEN Scholars Program – deadline Feb 1
23. Pitt SOM SURP – deadline Feb 1
24. Harvard Epidemiology & Biostatistics – deadline Feb 8
25. Pitt Vascular Med SURP – deadline Feb 28

*** **DETAILS** *** **DETAILS** ***

1. Advising: Drop-Ins & Appointments

We are primarily taking walk-ins to serve students with time-sensitive questions, scheduling issues, and permissions. Drop by if we can help you with something!

Appointments for in-depth Academic and Career planning, and Summer / Fall Term Advising Holds begin **January 22**. Sign-up Sheets with all five advisors will be out soon in the Advising Office (A258 Langley).

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2. Enrollment Deadlines: Add/Drop Jan 18; Extended Drop Jan 25

Add/Drop – Friday, Jan 18

Extended Drop – Friday, Jan 25 (See guidelines here: <http://bit.ly/2s8tK2j>)

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3. UTA/Research/Internship Forms – deadline Jan 18

BIOSC 1690/1901/1903/1904 Forms can be found online at: <http://biology.pitt.edu/undergraduate/forms>

Forms need to be completed and turned in to any advisor at A258 Langley.

Advisors will enroll you within 1 business day.

Please make sure the credits you plan on enrolling in will NOT put you over 18 credits for the term.

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4. Class Waitlists **(a Must Read!)**

There is no guarantee with wait-lists. Consider these points to assess your chances:

1. How big is the class? If there are 75-150 students there's a good chance of 2 students dropping. If there are 14 students there's a much lower chance of 2 drops.
2. Is the time-slot available in your schedule? If you are #1 on the wait-list but have a time conflict, the computer will skip you and enroll #2. So, make sure the time slot is open!
3. If you are adding onto a waitlist now, but have a conflict, use the SWAP function. This tells the computer to drop the conflicting class when it enrolls you from the waitlist.
4. Even if you don't get in this week, go to the first day of class! At the end of class introduce yourself to the instructor and explain that you are on the wait-list.
5. MOST IMPORTANTLY, come up with a plan B for if you do not get into this course. Find an open class that will satisfy the requirement.

Finally... Please remove yourself (do a DROP) from wait-lists if you no longer want the class.

This avoids you accidentally being enrolled, and helps faculty and students know how big the waitlist really is, and whether they can do something about it.

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5. Peer Advisors Regular Office Hours

Have questions? Your peers may be able to help!

Peer Advisors will be holding walk-in hours during add/drop in Langley A258:

- Colton & Yogi: Monday 10am-11am
- Nora & Parker: Monday 2pm-3pm
- Lisa & Kristen: Tuesday 4pm-5pm
- Sofie & Julia: Wednesday 9am-10am
- Isabella & Owen: Friday 3pm-4pm

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6. Computational Biology Major Info Session – Jan 9, 4:30pm, Langley A221

Beginning Fall 2019, we will be offering a new Computational Biology major in place of Bioinformatics. Learn the ins and outs of the new major and how you might want to adjust your schedule if you plan on switching!

Add to your Facebook event calendar: <http://bit.ly/2Fh2CFX>

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7. Undergrad Summer Research Q&A – Jan 25, 3:30pm, Langley A214

Hear from current students who have done summer research and received summer research fellowships.

Add to your Facebook event calendar: <http://bit.ly/2AAbUcS>

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8. Resume/CV Workshop – Feb 1, 2pm, Crawford 241

Learn the components of a resume/CV and how to tailor your resume for the position you want. Don't forget to bring your current resume to get feedback!

Add to your Facebook event calendar: <http://bit.ly/2CVJxrg>

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9. Ashman Lab E&E Research Opportunity

Here at the University of Pittsburgh we're all busy as bees - but have you ever wondered what it's like to watch real busy bees? Look no further!

The Ashman Lab is looking for undergraduate research assistants to help run experiments with bumble bees in the hot fields of behavior and microbiology! You will learn to critique, create, and analyze experiments, corral bees, and see lots of cool behavior (and plenty of exclamation marks)!

The lab is happy to accept research for credit (minimum 2 credit hours - 10 hours research/week)! Please contact Avery Russell at alr204@pitt.edu with your resume/cv and transcript (unofficial is fine!) - if you have some insect, plant, or behavior background, all the better!

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10. Pagano Lab Research Opportunity

Research for credit positions available in the Pagano lab. The core focus of the lab is to understand how the NADPH oxidase family of enzymes contributes to physiology and pathophysiology. Currently, the lab is focused on understanding pulmonary artery hypertension, a disease with limited therapeutic options and long term survival rate under 50%. The lab is working to determine how reactive oxygen species produced from NADPH oxidase 1 (Nox1) initiate signaling events promoting the progression of pulmonary artery hypertension and aging. To study the role of Nox1 and its downstream signaling events we are in the process of developing 2 new endothelial cell specific gene knockout mice.

In lab, students will assist in the creation and verification of our new genetically modified mice, learn basic lab skills, and assist in experiments, including: Nox and reactive oxygen species (ROS) detection with cutting-edge fluorescent probes, Western blot, PCR, and much more (potentially; mass spec, click-chemistry, ChIP, or MeDIP).

If you are interested, contact Evan DeVallance PhD at devallan@pitt.edu.

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11. Pitt Pulse looking for writers

The Pitt Pulse, the University of Pittsburgh's creative health and science magazine, is looking for writers for our third issue of the year! This is a great opportunity to explore any scientific topic you'd like from a layman's perspective

and to get published as an undergraduate.

Articles from previous issues can be found at <http://thepittpulse.org>.

If you are interested, sign up to write using the following form: <https://goo.gl/forms/LUCzblVx96FKIG73>.

Questions? Email thepittpulse@gmail.com

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12. Pitt Women in Healthcare's PT Mentor-Mentee Program

Attention all women interested in pursuing a career in physical therapy or on the pre-physical therapy track! Join Pitt Women in Healthcare's Physical Therapy Mentor-Mentee program to be paired with a graduate student within the SHRS Doctorate of Physical Therapy program.

There will be about 2-3 meetings (TBA) discussing the DPT admissions process, recommendation letters, internships, volunteering, available certificates to obtain within SHRS, and more.

If you are interested and would like to be added to the mailing list, please email WIHpitt@gmail.com.

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13. Spring Student Activities Fair – Jan 9, 1-3pm, WPU

The **2019 Undergraduate Spring Student Activities Fair** will be held on **Wednesday, January 9, 2019 from 1-3pm** on the main level of the **William Pitt Union**.

A list of organizations represented at the 2019 Spring Student Activities Fair is available [here \(updated 12/17/2018\)](#). For a full listing of student organizations, please visit the [Student Organization Directory](#).

More info: <https://www.studentaffairs.pitt.edu/sorc/activitiesfair/>

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14. E&E Seminar: Thermal bio of amphibian parasitism – Jan 9, 12-1pm, Langley A219B

The first departmental E&E seminar will feature Karie Altman from the Richards-Zawacki Lab. The talk will be "Thermal biology of amphibian parasitism."

More info on Dr. Altman: http://www.rzlab.pitt.edu/?page_id=967

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15. How to Write Wow-Worthy Personal Statements – Jan 16, 3-4pm, Cathedral 37th floor

THE defining factor for tons of scholarships? **Personal statements.**

It's HARD to talk about yourself. But Pitt's Scholarship Mentors have some tips to make it a little easier. Learn to wow scholarship committees with a memorable, compelling story (and not the same old one everybody tells.)

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

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16. Osteopathic Med School Online Fair – Jan 17

AACOM, along with the Colleges of Osteopathic Medicine, will be hosting another online Medical School Fair on Thursday, January 17th from 9am-9pm ET. In the AACOM Online Booth there will be a variety of interesting topics planned throughout the day. All of the member colleges have exciting activities happening in their booths as well!

More info: <http://bit.ly/2VCX26D>

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17. Summer Study Abroad Applications – deadline Jan 20

There's Still Time To Apply for Summer Study Abroad!

If you've been thinking about study abroad this summer but think it's too late to get started, it's not! Applications are open until midnight on January 20th, which is plenty of time to apply!

Whether you are looking to take care of some gen eds, get an internship, do research, or get closer to finishing your major, Pitt Study Abroad has a program for you! With 350 programs in more than 75 countries and for every major on campus, you can make the most out of your summer.

Get started by stopping by the study abroad office in 802 William Pitt Union - open from 9:30-5, Monday - Friday, and there's always someone who can answer your questions! Or, if you'd rather start online, check about www.abroad.pitt.edu/programs to see everything Pitt Study Abroad has to offer.

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18. Write Wow-Worthy Personal Statements Workshop – Jan 23, 3-4pm, Cathedral 37th floor

THE defining factor for tons of scholarships? Personal statements.

Let's look at some real examples — of winners, and also seemingly great essays that didn't win. Why not?

You can even **bring your own drafts and ideas** for helpful feedback from Pitt's Scholarship Mentor team.

More info: <http://bit.ly/2GZP5VV>

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19. Fund Study Abroad in UK Info Session – Feb 11, 3pm, Cathedral 37th floor

Want to study in the UK? Learn how to make it happen.

Aidan Beatty, a Pitt Honors Scholarship Mentor from Ireland, will share information and advice about applying for scholarships to study abroad in the UK, and what to expect.

- **Rhodes** - 3-year scholarship to Oxford for a graduate or 2nd undergraduate degree
- **Marshall** - 1-2 years of graduate school at any UK university
- **Churchill** - 1 year of science graduate school at Churchill College, Cambridge
- **Gates Cambridge** 1 year of graduate school at Cambridge
- **Mitchell** - 1 year of graduate school at any college in Ireland
- And other opportunities.

If you're interested in applying for any of these awards, Aidan can also help you craft a more competitive application, practice interviewing, and more. Honors Scholarship Mentors guide dozens of Pitt students to win prestigious awards every year.

More info: <http://bit.ly/2sh0jeq>

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20. 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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21. 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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22. 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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23. 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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24. Harvard Epidemiology & Biostatistics – deadline Feb 8

The Harvard summer program curriculum consists of five parts: **coursework(not for credit)** in Epidemiology and Biostatistics, as well as an R bootcamp; **formal lectures**, which are provided by Harvard T.H. Chan School of Public Health faculty members with different foci in Public Health; a **group research project** where students will investigate a question of public health provided by a Faculty/Postdoc Mentor; **Kaplan GRE prep courses**, where students will take diagnostics tests as well as work in small Kaplan led groups to improve test taking and scores; and **Profession Development** sessions led by Faculty/Staff on Admissions, Career Translation, Resume/Interview skills, etc. Students who participate in the program are able to meet with the Department of Epidemiology students and post-doctoral fellows at different networking events. In addition, students have the opportunity to meet with faculty and administrators individually, and explore the historic city of Boston, Massachusetts.

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

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25. Pitt Vascular Med 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>

Until next week,

Christine Berliner
Ellen Kelsey
Jessica Wandelt
Dan Wetzel
Kevin Wu

bioadv@pitt.edu
Advisors, Biological Sciences
A258 Langley Hall
University of Pittsburgh