

Subject: [BioAdv] Newsletter 12/5/2017
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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 – 12/5/2017

OVERVIEW (See below for details)

Help the Bio Advisors help you! QUICK (3-min) Career Survey:
<https://tinyurl.com/careersBIO>

ADVISING

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4. **Bio Advising Snack Break – Next Week!**

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Birding and Ornithology Club
Dental Science Club
Ecology Club
Genetic Counseling Club
Global Brigades
HOSA
Plant2Plate
POMS
Pre-PA Club
Pre-Vet Club
Tri-Beta

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

1. Advising Meetings & Quick Questions

The Bio Advisors are here to help, and we have lots of time now that the enrollment rush is past. Even if you've had your appointment, feel free to come back with questions or ideas or just to chat. Feel free to walk-in during regular business hours or make an appointment.

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2. 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

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3. Become a Biological Sciences Peer Advisor – deadline Dec 8 (FRIDAY)

Peer advisors will meet with current and prospective biological sciences majors to share their personal college experiences and offer advice on scheduling, studying, and extracurricular activities. Students participating in the peer advising program will be required to attend 1-2 training sessions at the start of the semester, hold 1-2 weekly office hours, participate in one biology social each month, and help organize and participate in at least one workshop or group discussion during the semester. In addition, peer advisors will work together to maintain the department blog and manage the database of prospective student visits.

Peer advisors will be expected to work about 4-5 hours/week and will receive 1 credit of independent study (does not count towards biology major requirements!)

If interested, please contact Jessica Wandelt (jewandelt@pitt.edu) or stop by A258 Langley for an application. **Applications are due December 8!**

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4. Bio Advising Snack Break – Next Week!

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

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5. De-Stress B4 the Tests Events – All Week!

Wellness Center: 204 WPU
Stress Free Zone (SFZ): 3rd Floor WPU

Tuesday, Dec 5:

- 5:30pm – Yoga in SFZ
- 6-9pm – Service Project Home Lost Blanket Making in Kurtzman WPU

- 7:30pm – Tai Chi in SFZ

Wednesday, Dec 6:

- 4-6pm – Managing Test Anxiety Workshop in Wellness Center
- 7:30pm – Yoga in SFZ
- 8:30pm – Gingerbread House Decorating in Ballroom WPU

Thursday, Dec 7:

- 1-2pm – Anxiety Management 101 Workshop in Wellness Center
- 5:30pm & 7:30pm – Yoga in SFZ
- 6-8pm – Service Project No Sew Fleece Blankets in Assembly Room WPU
- 9-11pm – Service Project Port Pillows in Assembly Room WPU
- 10pm – Make Own Holiday Candle in Ballroom WPU

Friday, Dec 8:

- 1-5pm – SOOS Holiday Mixer in O’Hara Dining Room
- 1-2:30pm – Unplug & Unwind Workshop in Wellness Center
- 2pm – Yoga in SFZ
- 3-4pm – Pitt Knits in SFZ
- 9-11pm – Crushing Finals in O’Hara Upper Ballroom

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

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6. Center for Creativity Workshop: De-Stress, De-Tangle – Dec 7, 10:45am

[Center for Creativity Workshop](#)
[Workshop: De-Stress, De-Tangle!](#)

Use creativity to beat the onset of finals anxiety!

Attend and be guided through creating a Zentangle-like piece of art in a night of low stress and mindful making. This workshop will introduce you to a little color theory and the basic process of “tangle” art, a form of meditative drawing. You'll make your own soothing monochromatic piece and learn a new technique for reducing stress and re-charging!

This workshop is free and open to all members of the University of Pittsburgh community: students, faculty and staff.

Register through [Eventbrite](#).

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7. BIOSC 1590 Honors Genetics Seminar in Spring

Dr. Lewis Jacobson will again be offering in the upcoming spring term the 1-credit, BIOSC 1590 Honors Genetics Seminar.

The focus is on scientific and policy aspects of "Precision Medicine", with an emphasis on Genetics, but also Biochemistry and Bioinformatics. There is a heavy writing component, but this does NOT count as a Writing-Intensive course.

Minimum requirements:

- Minimum Cumulative GPA: 3.25
- Pre-req: BIOSC 0350 Genetics

Contact Dr. Jacobson with additional questions at ljac@pitt.edu

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8. HPS 0626 Development of Modern Biology *NEW

This course will consider major episodes in the history of biology in the 19th and 20th centuries. Beginning with the Charles Darwin's theory of evolution and ending with contemporary genomics, we will place the major milestones of modern biology in their wider social, political, and cultural context. Topics may include Darwinism and its controversial reception, eugenics and the control of heredity, experimentation as a hallmark of twentieth century biology, the impact of molecular biology, the development of cloning and reproductive biology, and the rise of genomics and big data in biology.

This class does NOT satisfy the Philosophy gen ed requirement.

HPS 0626
Class Number 29896
TuTh 12-1:15pm
Michael Dietrich

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9. HPS 0630 Science & Pseudoscience in Spring *NEW

This new course is a philosophical exploration of the nature of science. What is the difference between genuine science and merely pretend science, or pseudoscience? We will consider both classic philosophical work on the problem of demarcating science from pseudoscience, as well as a number of case studies of particular alleged pseudosciences. Cases may include, but are not limited to, paranormal phenomena, Lysenkoism, scientific creationism, Velikovskian catastrophism, and alchemy.

This class does NOT satisfy the Philosophy gen ed requirement.

HPS 0613
Class Number 30529
Tu 6-8:30pm
Aaron Novick

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10. 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
University of Pittsburgh School of Medicine, Department of Structural Biology
BST3 Suite 1043

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11. Teaching Surveys Are Now Open

Students can access [Teaching Survey links](#) through their Pitt email, My Pitt and CourseWeb.

Instructors can:

- encourage students to respond.
- check their Teaching Survey Dashboard for up-to-date response rates and

- allow class time for students to complete their survey.

The deadline for students to respond is Dec. 10.

More information about Teaching Surveys can be found by visiting the [Center for Teaching and Learning](#) website.

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12. 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) for any questions, and visit thepittpulse.org to read their latest issue!

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

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13. 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.

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 prior to visiting campus.

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14. Genetic Counseling Club Meeting – Dec 6, 6:15pm, 315 Clapp

This will be the last meeting for the fall term. The Genetic Counseling club will be hosting a guest speaker, Andrew, who is a lab genetic counselor at Children's Hospital.

Have questions? Email pittgeneticcounselingclub@gmail.com

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15. Seminar: Population genomics in pipefish evolution – Dec 6, 11am-12pm, 169 Crawford

University of Pittsburgh Department of Biological Sciences Presents:

Dr. Sarah Flanagan – *University of Tennessee*

"Population genomics illuminates the role of selection in the evolution of pipefish"

Wednesday, December 6, 2017

169 Crawford Hall

11:00 A.M.

10:50 A.M. refreshments

Host: Dr. Walter Carson

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16. Teacher Certification Info Session – Dec 7, 4:30pm, 5604 Posvar

[School of Education: Teacher Certification Information Session](#)

So you think you want to become a teacher? Join the [Office of Admissions and Enrollment Services](#) and [School of Education](#) faculty members for a teacher certification information session.

This session will include a welcome by members of the Admissions and Enrollment Services Office, a program overview by faculty, and a "breakout" session with faculty and current students.

Graduate Enrollment Managers will also be available to answer any questions about the application process, go over program prerequisites, and help prepare you for the Jan. 15 application deadline.

To RSVP complete the [online form](#).

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17. BIOSC 1860 Micro Majors Lab Poster Session – Dec 8, 9-9:50am, 241 Crawford

Are you a microbiology major who wants to know what happens in the BIOSC 1860 lab? Or are you considering switching to a microbiology major? Check out this poster session and talk to students who are in the lab!

The Microbiology majors have been digging up and analyzing the soil from around Clapp Hall. They have been investigating microbial diversity, nitrogen utilization, antibiotic production and resistance, pigment production and biofilm formation in bacterial communities.

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18. 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

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19. 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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20. SRIF Summer Scholars Program – deadline Feb 5

The SRF Summer Scholars Program offers undergraduate students the opportunity to conduct biomedical research to combat diseases of aging, such as cancer and Parkinson's disease. Under the guidance of a scientific mentor, each Summer Scholar is responsible for his or her own research project in such areas as genetic engineering and stem cell research.

Paid positions are available at:

- Buck Institute for Research on Aging
- Harvard School of Medicine
- Sanford Consortium for Regenerative Medicine
- SRF Research Center
- The Scripps Research Institute
- University of California, Berkeley
- University of Oxford

More info & apply: www.sens.org/2018-summer-scholars

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21. Marshall Univ SRIMS – deadline Feb 9

Marshall University is offering the Summer Research Internship for Minority Students (SRIMS) for its tenth year!

The SRIMS program includes nine weeks of graduate-level research in the field of biomedical sciences. Participants receive formal research training while expanding their learning experience through workshops, seminars on current topics, mentoring and use of state-of-the-art core facilities.

More info & apply: <https://jcesom.marshall.edu/research/srims>

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22. Pitt Vascular Med Institute SURP – deadline Feb 28

The University of Pittsburgh, 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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23. 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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24. Science Ambassador Scholarship – deadline Dec 11

A full-tuition scholarship for a woman in science, technology, engineering, or math. Funded by [Cards Against Humanity](http://www.cardsagainsthumanity.com).

More info & application: <http://www.scienceambassadorscholarship.org/>

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25. 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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26. 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>

*** **CLUBS** *** **CLUB*****

Biology Club

www.facebook.com/groups/upittbiologyclub
upittbiologyclub@gmail.com

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Birding and Ornithology Club

www.facebook.com/groups/302359673107538/
pittbirdingclub@gmail.com

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Dental Science Club

www.facebook.com/groups/pittdentalscienceclub
IG: @pittdentalscience club
pittdentclub@gmail.com

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Ecology Club

<https://www.facebook.com/groups/659750684140193/>
ecologyclubpitt@gmail.com

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Genetic Counseling Club

<https://www.facebook.com/groups/geneticcounselingclub/>
pittgeneticcounselingclub@gmail.com

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Global Brigades

<https://www.facebook.com/PittGB>
<http://pittglobalbrigades.weebly.com/>
pitt@globalbrigades.org

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HOSA

<https://www.facebook.com/pitthosa/>
pitthosa@gmail.com

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Plant2Plate

<http://www.pitt.edu/~sorc/plant2plate/index.html>
<https://www.facebook.com/PittPlant2Plate/>
plant2plate@gmail.com

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POMS

<http://www.poms.us>
<https://www.facebook.com/groups/pomspitt/>
pomspitt@gmail.com

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Pre-PA Club

Fall Meeting Dates: 12/6
Meeting Time & Location: 9pm in G8 Cathedral
<https://www.facebook.com/groups/523230964458833/>
pittppaa@gmail.com

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Pre-Vet Club

<https://www.facebook.com/groups/441907539257843/>
pittprevet@gmail.com

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Tri-Beta, Biological Honors Society

<http://pitttribeta.weebly.com/>
tribeta.universityofpittsburgh@gmail.com

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Until next week,

Christine Berliner

412-624-4819
christin@pitt.edu

Ellen Kelsey

412-624-0421
ellen.kelsey@pitt.edu

Jessica Wandelt

412-624-7192
jewandelt@pitt.edu

Kevin Wu

412-624-4273
kevinwu@pitt.edu

Advisors, Biological Sciences
A258 Langley Hall
University of Pittsburgh