

Subject: [BioAdv] Newsletter 11/28/2017
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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 – 11/28/2017

OVERVIEW (See below for details)

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CHECK IT OUT

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CLUBS

Biology Club

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.

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2. Bio Departmental Honors Program – deadline Nov 30

Students who are interested in the challenge of this program, and have a current QPA of 3.25 or above, should apply for admission. The Departmental Honors Committee will review applications twice a year; applications must be submitted by November 30 for the Spring Term.

Your application must be submitted and reviewed in your sophomore or junior years (*before you begin your final year*) to ensure sufficient time to complete 6 credits of honors research. Only students admitted to the Departmental Honors program may register for Biosc 1904.

More info, list of requirements, and application: <http://www.biology.pitt.edu/undergraduate/advising-and-support/honors>

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

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

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

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8. Stress Free Zone – 3rd Floor WPU

The Stress Free Zone (SFZ) is a space where students can learn and regularly practice evidence-based, mind/body stress reduction skills.

There are walk-in services and scheduled classes! Walk-in services include mindfulness audio stations, private space for meditation and yoga, biofeedback, massage chair, and day light lamp therapy. Scheduled classes include yoga, tai chi, and others.

For Nov/Dec Class Schedule: <https://www.studentaffairs.pitt.edu/shs/stressfree/calendar/>

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9. Genetic Counseling Club Graduate Student Panel – Nov 28, 8:30pm, 306 Cathedral

The Pitt Genetic Counseling Club will be hosting a student panel from Pitt's current Genetic Counseling class. One of the students coming, Rachel, is a Pitt alum who played a huge role in forming the Genetic Counseling club. The graduate students are planning on having a few slides about the application/interview process and will also share their personal stories; Q&A will follow.

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10. Healthy U Jingle & Mingle Finals Countdown – Dec 2, 8-11pm, O’Hara Dining Room

Final exams are quickly approaching! Join Healthy U for a campus-wide, end of semester, substance-free dance party with a holiday theme. Activities will include an ugly sweater contest, cookie decorating, arts and crafts, and life-size Jenga. Pizza and snacks will be provided along with a mocktail bar.

More info: <https://www.facebook.com/events/739080919608413/>

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11. Roswell Park Cancer Institute Research Experience – deadline Jan 10

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.

This core research experience will be fortified by a curriculum of educational and career development activities. Through these activities, you will engage in informal scientific exchange with faculty and students at an Roswell Park-wide science retreat; learn about current and cutting-edge topics in cancer at weekly seminars; share in your discoveries with intern peers through peer-mentorship cross-training; and explore the possibility of alternative science careers during field trips to life science companies.

More info & apply: <https://www.roswellpark.org/education/summer-programs/college-students>

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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. Geisinger SURP – deadline Feb 2

The Geisinger Clinic Summer Undergraduate Research Program (SURP) provides an exceptional opportunity for undergraduate students to conduct research under the mentorship of our nationally and internationally recognized scientists. This program is designed for undergraduates with a strong background in the sciences who are considering a career in biomedical research. Participants experience the joy of scientific discovery as well as the challenges inherent in scientific research while developing skills in scientific reasoning, research methods and scientific communication through interaction with the research staff.

More info & apply: <https://www.geisinger.edu/research/careers/summer-research-internships>

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14. Monterey Bay Aquarium Research Institute – deadline Feb 21

The Monterey Bay Aquarium Research Institute's Summer Internship Program provides an opportunity for talented college students (undergraduate and graduate) for a period of 10 weeks to work on a specific project under MBARI staff supervision.

With state-of-the-art facilities and equipment that includes research vessels, remotely operated vehicles (ROVs), and autonomous underwater vehicles (AUVs) to explore the deep ocean, MBARI's Summer Internship Program offers teachers and students unique opportunities to be involved in advanced research and development projects.

More info & apply: <https://www.mbari.org/2018-mbari-summer-internship-program/>

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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. Roche Summer Internship STEM

As a global leader in healthcare, Roche Diagnostics offers a broad portfolio of tools that helps healthcare providers in the prevention, diagnosis and management of diseases like HPV, HIV, hepatitis and diabetes and other medical conditions, such as fertility and blood coagulation. These products and services are used by researchers, physicians, patients, hospitals and laboratories worldwide to help improve people's lives.

Qualifications:

- Targeting STEM student currently working towards undergraduate or graduate degree
- Desire GPA 3.0 or higher
- Desire previous work experience
- Student organization and/or study abroad experiences are a plus
- Excellent communication, collaboration, and interpersonal skills

More info & apply: <https://goo.gl/s5Gz3k>

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18. Rowan Premed Urban Leaders Enrichment – deadline Jan 29

The Premedical Urban Leaders Summer Enrichment (PULSE) program at Rowan University is a six-week summer academic enrichment program for undergraduate students interested in pursuing a healthcare profession. This program provides academic, clinical, research and service learning opportunities with a focus

on urban health needs.

The primary goal of PULSE is to provide students from underrepresented and/or educationally and financially disadvantaged backgrounds exposure to medical professions. PULSE is a full-day program that runs five days per week for six weeks and culminates with the PULSE Symposium.

More info & apply: <http://www.rowan.edu/coopermed/diversity/undergrad/>

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19. Pitt Summer Premed Academic Enrichment Program – deadline Jan 31

The University of Pittsburgh School of Medicine seeks talented and motivated students who possess an interest in studying medicine. The University of Pittsburgh School of Medicine (UPSOM) would like to invite students to participate in a seven-week residential Summer Premedical Academic Enrichment Program (SPAEP). This summer program is open to college sophomores who have completed Biology 1&2, Chemistry 1&2 (with labs) and accrued 60 credits with a science GPA of 3.6. SPAEP is designed specifically to prepare and support talented and motivated student who wish to pursue careers in the profession of medicine. The program targets applicants who are traditionally underrepresented in medicine with particular emphasis on those with disadvantaged socioeconomic backgrounds.

More info & apply: <http://www.medschooldiversity.pitt.edu/summer-premedical-academic-enrichment-program-spaep>

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20. Summer Health Professions Education Program – deadline Feb 15

The Summer Health Professions Education Program (SHPEP) is a free summer enrichment program focused on improving access to information and resources for college students interested in the health professions. SHPEP's goal is to strengthen the academic proficiency and career development of students underrepresented in the health professions and prepare them for a successful application and matriculation to health professions schools.

More info & apply: <http://www.shpep.org/>

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21. VCU Allied Health Career Exploration – deadline Apr 6

Allied Health Career Exploration is a program designed to expose students to the diverse professional programs available at the VCU School of Allied Health Professions.

In this two-week, nonresidential summer program, students will explore each department/degree program in the VCU School of Allied Health Professions: patient counseling, clinical laboratory sciences, physical therapy, occupational therapy, nurse anesthesia, rehabilitation counseling, radiation sciences, health administration and gerontology.

More info & apply: <https://dhsd.vcu.edu/pipeline-programs/college/allied-health-career-exploration/>

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22. Breakthrough Collaborative Teaching Fellow – deadline Jan 11

The Breakthrough teaching fellow experience is designed for undergraduates of all majors and for those who intend to pursue careers in education, as well as those who haven't yet considered it. The opportunity is unlike any other available to undergraduates and our alumni are transformed by the experience. Education coursework is not a prerequisite. Teaching fellows must be committed to personal growth and comfortable working in a fast-paced, collaborative environment.

During the nine-week residency, Breakthrough teaching fellows receive over 100 hours of teaching and leadership training, and 75 hours of lead classroom experience. Teaching fellows have the opportunity to practice skills that prepare them for the classroom or other professional settings.

More info & apply: <https://www.breakthroughcollaborative.org/>

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23. Uncommon Schools Teaching Fellowship – rolling application

Uncommon Schools recognizes the importance of building a talented staff of teachers who reflect the diverse backgrounds and experiences of our students.

Summer Teaching Fellows come from college campuses across the United States to observe, learn from, and co-teach with Mentor Teachers who are currently full-time, high-performing teachers within our Uncommon schools. STF is currently offered in Boston (MA), Newark (NJ), Brooklyn (NY), Rochester (NY), and Troy (NY) and Fellows serve students in grades K-12.

More info & apply: <http://www.uncommonschools.org/careers/stf>

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24. Generation Teach Teaching Fellowship – rolling application

Generation Teach offers summer teaching fellowships to diverse undergraduate students. Generation Teach believes teachers should reflect the communities they serve and that many more young people would become teachers if they had the opportunity to *try teaching*. Fellows are *the* teachers in their classrooms. They complete 40 - 60 hours of solo teaching experience with daily coaching and support.

If you are a freshman, sophomore, or junior, you are eligible to apply for our six- or seven-week summer teaching fellowships in Boston, Denver, Holyoke, or Providence. We provide scholarships of \$1,800 for our 6-week fellowship, \$2,000 for our 7-week fellowship, or subsidized housing and a \$750 scholarship.

Applications are reviewed by the 5th of each month, beginning December 5. The final deadline is May 5.

More info & apply: <http://www.generationteach.org/>

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25. Harry S. Truman Scholarship – deadline Dec 1

The [Harry S. Truman Scholarship](#) provides juniors who demonstrate outstanding leadership, a commitment to the public sector and strong academic potential up to \$30,000 for two-three years of graduate study. Pitt can nominate up to four candidates for this award. Ideal candidates are students with a track record of acting as change agents to positively impact society.

The deadline is Dec. 1, 2017. Details on the Harry S. Truman Scholarship 2018 is available by the visiting the [Honors College Scholarship website](#).

You must be a full-time student pursuing a bachelor's degree with junior-level academic standing or have senior-level standing in your third year of college enrollment. Visit the [Truman Scholarship website](#) for the full list of requirements.

Questions? Email Ian Riggins at jpr5@pitt.edu or Judy Zang at jaz36@pitt.edu.

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26. SMART Scholarship – deadline Dec 1

[Science, Mathematics And Research for Transformation \(SMART\) Scholarship for Service Program](#) provides full tuition and a \$25,000 - \$38,000 stipend (depending on degree pursuing) for academically excellent undergraduate or graduate students pursuing degrees in STEM disciplines of particular interest to the Department of Defense. Fellows are placed in civilian laboratories upon graduation.

More info & application: <https://smart.asee.org/>

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27. Barry M. Goldwater Scholarship – deadline Dec 4

The [Barry M. Goldwater Scholarship](#) provides up to \$7,500 a year to high-achieving sophomores and juniors

preparing for a research career in science, mathematics or engineering.

Pitt can only nominate four candidates for this award. U.S. citizenship or permanent residency required. To qualify for the Goldwater, candidates must:

- be a college sophomore or junior,
 - have a competitive GPA,
 - have significant scientific research experience and
 - be committed to pursuing a PhD in his or her field and a career in scientific research.

To be considered for nomination, students must submit a pre-application as soon as possible. Complete applications are due by the campus deadline of Dec. 4, 2017.

Please thoroughly read the Pitt campus [Goldwater Application Guidelines](#) and visit the [Barry Goldwater Scholarship Foundation website](#) for more information.

Please email any questions to Ian Riggins at ipr5@pitt.edu or Judy Zang at jaz36@pitt.edu.

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28. Science Ambassador Scholarship – deadline Dec 11

A full-tuition scholarship for a woman in science, technology, engineering, or math. Funded by [Cards Against Humanity](#).

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

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29. 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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30. 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
Fall Meeting Dates: 11/28

Meeting Time & Location: 8pm in 302 Cathedral
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

Fall Meeting Dates: 12/4
Meeting Time & Location: 8pm in 528 WPU
www.facebook.com/groups/pittdentalscienceclub
IG: @pittdentalscience club
pittdentclub@gmail.com

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Ecology Club

Fall Meeting Dates: Alternate Mondays
Meeting Time & Location: 9pm in 204 Cathedral
<https://www.facebook.com/groups/659750684140193/>
ecologyclubpitt@gmail.com

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Genetic Counseling Club

Fall Meeting Dates: 11/28
Meeting Time & Location: 8pm in 310 WPU
<https://www.facebook.com/groups/geneticcounselingclub/>
pittgeneticcounselingclub@gmail.com

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Global Brigades

Fall Meeting Dates: 12/2
Meeting Time & Location: 7pm in G8 Cathedral
<https://www.facebook.com/PittGB>
<http://pittglobalbrigades.weebly.com/>
pittglobalbrigades.org

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HOSA

Fall Meeting Dates: Alternate Mondays (Check Facebook)
<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

Fall Meeting Dates: Every Friday
Meeting Time & Location: 5:30pm in 324 Cathedral
<http://www.poms.us>
<https://www.facebook.com/groups/pomspitt/>
pomspitt@gmail.com

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Pre-PA Club

Fall Meeting Dates: 11/29 (in 837 WPU), 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

Fall Meeting Dates: 11/30
Meeting Time & Location: 9pm in Langley Lobby
<https://www.facebook.com/groups/441907539257843/>
pittprevet@gmail.com

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Tri-Beta, Biological Honors Society

Fall Meeting Dates: 11/30
Meeting Time & Location: 7pm in 527 WPU
<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