Neuroscience People

GOLDWATER SCHOLARSHIP AWARD

Congratulations Wen!

The Goldwater Scholarship, established in 1986 by the U.S. Congress in honor of then-Senator Barry M. Goldwater of Arizona, is awarded in either a student's sophomore or junior year. The award goes toward covering tuition, room and board, fees, and books for each student recipient's remaining period of study. Institutions can nominate up to four students for the Goldwater Scholarship.

As reported by the Office of Public Affairs, "Xu has conducted research (since her freshman year) in Pitt's Stem Cell Research Center under the guidance of Yong Li, an assistant professor in Pitt's Departments of Orthopaedic Surgery, Pathology, and Bioengineering and the Pitt-UPMC McGowan Institute for Regenerative Medicine. In particular, Xu participated in Li's laboratory research aimed at assisting functional skeletal muscle recovery after injury through the use of muscle-based stem cells.

Xu plans to complete a residency in neurology after medical school and earn a PhD in neuroscience. As a translational researcher, she hopes to find a viable treatment method for patients with peripheral nerve damage."

Congratulations 2011 Neuroscience Club Officers

From the left: Business Manager: Parth Patel, President: Matt Schaff, Vice President: Brittany Greco and Secretary: Natalie Boyanovsky. The newly elected officers have many exciting events planned for this year! Please email pantherneuro@gmail.com for more info.
**Important Dates**

- **September 26, 2011**: Grade Option Deadline
- **September 28, 2011**: Registration Appointments Available in Student Center
- **October 3-6, 2011**: First Experiences in Research Fair
- **October 6, 2011**: Science 2011
- **October 10, 2011**: Fall Break—Monday Classes meet Tuesday
- **October 12, 2011**: Academic Rush
- **October 15, 2011**: Pitt Homecoming
- **October 22, 2011**: mGlurS conference

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**September 2011**

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<th>Sunday</th>
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<td></td>
<td>Dr. Sticker's Pre-Health Presentation 5pm Alumni Auditorium</td>
<td>25</td>
<td>26 Grade option deadline</td>
<td>27</td>
</tr>
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</table>
Major Requirements

Students must complete BIOSC 0150, BIOSC 0160, CHEM 0110, and CHEM 0120 with a grade of C or better (not C-) in order to declare Neuroscience as a major. Students must earn a B– or better in Intro to Neuroscience in order to continue in the major. To graduate with a BS degree in Neuroscience, students must maintain a 2.0 GPA overall, in major courses and in co-requisite courses.

Departmental Honors

Departmental Honors are awarded to students who have achieved outstanding academic success. To qualify for this distinguished honor, a minimum overall GPA of 3.25, a minimum Neuroscience GPA of 3.25, and a substantial amount of approved Neuroscience research must be conducted. Additionally, students are required to give a public presentation of their research. Eligible students must then pass a faculty review.

Capstone Requirement

Students who have matriculated to A & S since Fall of 2007 must complete a capstone experience. For more information, please contact the advising office via email or call 412-624-5156.

Fellowship Opportunities

University of Pittsburgh Fellowships

Brackenridge Undergraduate Summer Research Fellowship
Research participants receive a monthly $800 stipend to assure their freedom from the need to work during the summer.

Chancellor's Undergraduate Research Fellowship
$600 one-term stipend for undergraduate students engaged in research.

Chancellor's Undergraduate Teaching Fellowship
$600 one-term stipend for undergraduate students engaged in teaching with a faculty member.

STUDENTS

Please remember to request a grade change form be submitted upon completion of course work in classes where a “G” grade was entered. Also, a course repeat form must be submitted when courses are taken more than once.

Apply for Fellowships Early!
Spring Registration begins October 31. You **MUST** meet with an advisor to have your ADV Hold removed!

### Department of Neuroscience

**Spring Term (2124) Undergraduate Course Offerings**

<table>
<thead>
<tr>
<th>Crse</th>
<th>Catalog</th>
<th>Title</th>
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<th>Days</th>
<th>Time</th>
<th>Room</th>
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<tr>
<td>11003</td>
<td>NROSCI 0080</td>
<td>Brain and Behavior Review</td>
<td>3</td>
<td>Tu, Th</td>
<td>2:30-3:45</td>
<td>LANGY A221</td>
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</tr>
<tr>
<td>23339</td>
<td>NROSCI 0080</td>
<td>Brain and Behavior</td>
<td>3</td>
<td>Tues</td>
<td>6-8:30PM</td>
<td>CL 142</td>
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<tr>
<td>11553</td>
<td>NROSCI 0081</td>
<td>Drugs and Behavior Review</td>
<td>3</td>
<td>MWF</td>
<td>10:00-10:50</td>
<td>CLAPP L-9</td>
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<tr>
<td>10307</td>
<td>NROSCI 1000</td>
<td>Intro to Neuroscience Review</td>
<td>3</td>
<td>Tu, Th</td>
<td>4:00-5:15</td>
<td>CL 324</td>
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<tr>
<td>10716</td>
<td>NROSCI 1003</td>
<td>UHC Intro to Neuroscience</td>
<td>4</td>
<td>Tu, Th, F</td>
<td>4:00-5:15</td>
<td>LANGY A202</td>
<td>Stricker</td>
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<tr>
<td>11000</td>
<td>NROSCI 1012</td>
<td>Neurophysiology</td>
<td>3</td>
<td>Tu, Th</td>
<td>11:00-12:15</td>
<td>LANGY A221</td>
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<tr>
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<td>LANGY A221</td>
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<td>11002</td>
<td>NROSCI 1017</td>
<td>Synaptic Transmission Review</td>
<td>3</td>
<td>Tu, Th</td>
<td>1:00-2:15</td>
<td>CLAPP L-9</td>
<td>Meriney</td>
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<td>10315</td>
<td>NROSCI 1030</td>
<td>Psych Dis &amp; Brain Function</td>
<td>3</td>
<td>Tu, Th</td>
<td>1:00-2:15</td>
<td>CRAWF 169</td>
<td>Grace</td>
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<td>22892</td>
<td>NROSCI 1034</td>
<td>Neural Basis of Cognition</td>
<td>3</td>
<td>MW</td>
<td>4:00-5:20</td>
<td>115 Mellon</td>
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<td>12352</td>
<td>NROSCI 1036</td>
<td>Neurobiology of Aging</td>
<td>3</td>
<td>MWF</td>
<td>3:00-3:50</td>
<td>LANGY A224</td>
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<td>Topics in Neuroscience</td>
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<td>22893</td>
<td>NROSCI 1047</td>
<td>Pro Seminar</td>
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<td>NROSCI 1097</td>
<td>Undergrad Teaching Experience</td>
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<td>Human Physiology</td>
<td>3</td>
<td>MWF</td>
<td>9:00-9:50</td>
<td>CRAWF 169</td>
<td>Roberts</td>
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<td>Neuro Writing Pract 1</td>
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<td>LANGY A224</td>
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<td>Neuro Writing Pract 2</td>
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<td>LANGY A224</td>
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<td>22894</td>
<td>NROSCI 1801</td>
<td>Neuro Writing Pro Seminar</td>
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<td>22835</td>
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<td>22823</td>
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<td>3-6</td>
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<td>10316</td>
<td>NROSCI 1901</td>
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<td>1-6</td>
<td></td>
<td>BY APPT</td>
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<td>10317</td>
<td>NROSCI 1961</td>
<td>Thesis Research</td>
<td>1-6</td>
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<td>10806</td>
<td>NROSCI 1962</td>
<td>Thesis Research /Writing Prac</td>
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<tr>
<td>26351</td>
<td>NROSCI 2014</td>
<td>Speaking of Science</td>
<td>3</td>
<td>M,F</td>
<td>9:30-10:45</td>
<td>LANGY A214</td>
<td>Cameron</td>
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Rabbits help lower cholesterol. Cats may lead to a breakthrough in the AIDS epidemic. And dogs have taught doctors new heart surgery techniques. Even lobsters help scientists understand Parkinson's disease. Since the turn of the century, animal research has helped wipe out such diseases as smallpox and polio while increasing the human lifespan by 28 years. Whether it's fighting epilepsy, finding a cure for Alzheimer's or making progress in brain and spinal cord trauma, the link between human health and animal health is absolutely crucial.

The University of Pennsylvania School of Veterinary Medicine provides an outstanding environment for the training of future veterinary scientists through our combined VMD-PhD program. It's an excellent way for you to continue your education while impacting the future of medicine - for humans and all species.

First Experiences in Research Fair

Monday, October 3th 12pm & 4pm— WPU Assembly Room
Tuesday, October 4th 12pm & 4pm— WPU Assembly Room
Wednesday, October 5th 5pm— WPU, Kurtzman Room
Thursday, October 6th 1pm & 5pm— WPU, Kurtzman Room
Undergraduate Researchers
are invited to submit abstracts to present their research at the Undergraduate Research Poster Reception
that will be part of the University of Pittsburgh’s 11th annual celebration of science and technology

Science2011—Next Gen
http://www.science2011.pitt.edu/posters.htm
Undergraduate Research Poster Reception
5:00 p.m., Thursday, 6 October
Connolly Ballroom, Alumni Hall

Undergraduates from across the University are welcome to submit an abstract on their mentored research for the Undergraduate Research Poster Reception. Research performed either on campus with a University of Pittsburgh mentor or off campus at another institution is appropriate. The deadline for abstract submission is 16 September. All abstracts should be submitted through the Science2011 Web site. Abstracts are limited to 200 words and should be written so they are understandable to your fellow students. Note that submitting an abstract automatically registers you for attendance at Science2011.

Abstracts will be reviewed, and presenters will be notified via e-mail by 25 September whether their abstracts have been accepted for presentation at the Undergraduate Research Poster Reception. Please e-mail Dr. Lisa Miller (ugr@pitt.edu) for answers to questions about this poster session.

All interested undergraduate students are encouraged to register for Science2011 and attend plenary lectures, spotlight sessions, and special satellite sessions. Visit the Web site for a complete schedule of events.

http://www.science2011.pitt.edu
The 3rd annual mGluRs 
(Midwest/Great Lakes Undergraduate Research Symposium) 

conference will take place Saturday, October 22nd at the College of Wooster, OH. This undergraduate research conference, modeled on MidBrains and NEURON, hosts undergraduate Neuroscience research presentations from colleges and universities in Ohio, Michigan, Pennsylvania, Indiana and Kentucky. We will have a full day of activities with student and faculty breakout sessions on relevant topics, a keynote address by Dr. Courtney DeVries of The Ohio State University (http://ngsp.osu.edu/3512.cfm) and both platform and poster presentations by undergraduate students.

https://sites.google.com/a/owu.edu/mglurs/

Important Dates for Abstract Submission:  
September 28 - Abstracts and application for competitive platform presentations due  
October 12 - Abstracts for poster presentations due

Important Dates for Registration:  
Early Registration (postmarked by September 26th)  
_____ $20 – student/other  
_____ $25 – faculty  

Regular Registration (postmarked by October 3rd)  
_____ $25 – student/other  
_____ $30 – faculty  

Late Registration (postmarked by October 10th)  
_____ $30 – student/other  
_____ $35 – faculty

If you are a female student who would like to attend, but does not have a roommate, please contact the NROSCI Advising office at Pitt!
Interested in Volunteering Abroad—for free?

Visit www.omprakash.org

A Free Network of International Volunteer Opportunities

Omprakash is a registered 501©3 non-profit organization working to connect volunteers, classrooms, and communities around the world. We do not sell volunteer “programs.” Instead, we invite people of all ages and origins to use our free website to connect with our diverse international Partners and arrange their own service trips. We offer grants to help qualified volunteers defray travel and living expenses, and we enable all volunteers to share stories and resources on our dynamic website. Check us out today!
Internship positions (unpaid) in the Biobehavioral Medicine Program of the University of Pittsburgh Cancer Institute (UPCI) are available immediately on a project studying the psychological responses to stress in daily life and under controlled laboratory conditions. We are seeking multiple students to potentially volunteer or earn academic credit up to 10 hours a week, depending on which roles they fill.

Candidates should possess good computer skills, dedication to research, attention to detail, good organizational skills, strong work ethic, and the ability to work autonomously or in a group. Those with availability in the evenings are strongly encouraged to apply, as evening front line research positions are available.

Interested individuals should contact Shane Belin at belinsc2@upmc.edu. Please provide a resume and a brief statement of your background and goals.

Shane Belin
Biobehavioral Medicine in Oncology Program
Hillman Cancer Center Suite 140

Computational Diagnostics, Inc (CDI) the Pittsburgh PA based leader in clinical neurophysiology, is seeking neurotechnologists to join our 20 years of providing high quality, reliable, intraoperative monitoring to our nationwide customers for our second expansion this year.

As neurotechnologists, we provide hands on patient care using subdermal needle electrodes to monitor various nerve pathways during complex surgical procedures in the operating room. Examples of some of the modalities we use are electromyography, electroencephalography, somatosensory evoked potentials, and auditory evoked potentials.

Examples of some of the procedures monitored are thyroidectomies, carotid endarterectomies, spinal fusions, tumor resections and other skull based procedures.

Applicants should have a bachelor's degree in a life science preferable with a strong anatomy/physiology background, Applicants should be eligible to take the CNIM exam within 1 year of accepting position. We are asking for applicants who are willing to make a two year commitment. For more information on CDI, please visit http://www.cdi.com, as well as http://www.abret.org for more information about CNIM.

If you desire to be part of a winning team, have strong communication skills, are committed to patient care, and want to make a difference in the lives of others, we are the right intraoperative monitoring company for you.

Applicants who want to be considered for our second expansion should send a resume or CV to:info@cdi.com

tax to: 412-681-9994

or mail to:
CDI
5001 Baum Blvd.
The Pitt Pulse is a student organization wholly committed to creating a respectable, reliable and relevant monthly periodical available on Pitt’s campus. We feature articles relevant to all pre-health students including advice on academics and gaining related experience, accounts of volunteering and conducting research, discourse on admission and standardized tests and opinions of politics and medicine. You can also enjoy profiles of local health-care professionals and of professional schools of interest.

Find more information at www.pitt.edu/~sorc/thepulse

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Washington, DC. Fellowships usable at 27 national organizations active in policy, research, education, advocacy.

Up to 8 Scoville Fellowships awarded annually.

Active mentoring and networking from distinguished Board of Directors and former Fellows.

$2,400 per month stipend, plus benefits. Scoville Fellow alumni now lead NGOs, hold senior positions on Capitol Hill, State Department, private foundations, and other influential jobs in peace, security, and environmental security.

The Scoville Peace Fellowship is among the most prestigious fellowships in the nation for peace and security: eligibility includes strong academic record and recommendations, excellent writing, activism, advocacy or civic engagement, initiative.

Areas of interest: international relations, political science, conflict or peace studies, national security, environmental studies, or honors and other interdisciplinary programs that relate to securing a more peaceful and just world.

APPLICATIONS FOR SPRING 2012, DUE October 3, 2011. See: WWW.SCOVILLE.ORG
Important Optometry Admission Test (OAT) Policy Updates and Notice about Interruption of Testing Services in January 2012

The Optometry Admission Testing Program is engaged in a major technology project to update the software systems that support the Optometry Admissions Test (OAT). These changes will impact the testing program during the month of January 2012. These changes will allow us to better serve you; we appreciate your patience and apologize for any potential inconvenience.

The services that will be affected and corresponding dates are listed below:

OAT Application Processing
§ January 3, 2012 to January 19, 2012 (5 p.m. CST) – Normal application processing
§ January 20, 2012 to January 30, 2012 – No applications will be accepted or processed
§ January 31, 2012 – Normal application processing resumes

OAT Score Processing:
§ Examinations taken January 3, 2012 to January 29, 2012 – No official score processing will occur
§ January 30, 2012 – Score processing resumes; however, there may be a delay in mailing/transmission of score reports due to volume

OAT Score Report Requests:
§ January 3, 2012 to January 19, 2012 (5 p.m. CST) – Normal score report request processing for individuals who tested prior to January 1, 2012
§ January 20, 2012 to January 30, 2012 – No score report requests will be accepted or processed
§ January 31, 2012 – Normal score report request processing resumes

OAT Testing:
§ Testing at Prometric Test Centers will be operational during January 2012, per normal test center schedules, for individuals who have received an eligibility letter prior to January 3, 2012 and scheduled a testing appointment.

PLEASE TAKE NOTE OF THIS SCHEDULE AND SHARE THIS IMPORTANT INFORMATION WITH STUDENTS, COLLEAGUES AND OTHERS WHO MAY BE IMPACTED!

Visit the OAT website at www.opted.org for periodic updates to this information.

Please also share the important information below regarding recent policy changes for the OAT. These changes will become effective January 1, 2012.

2011 Academic Rush majors fair

Wednesday, October 12, 2011
William Pitt Union Ballroom and Kurtzman Room
11:00AM to 3:00PM