University of Pittsburgh, Department of Neuroscience
Undergraduate e-Newsletter

Vol 3, Issue 4, Dec. 2009

Newsletter Spotlight

- Important Dates
- Major Requirements/ Fellowships
- Course Offerings
- Employment/Volunteer Opportunities
- More Opportunities

HAPPY HOLIDAYS

Neuroscience People

ON YOUR ACCEPTANCE TO MEDICAL SCHOOL

Tell us your good news!

Click here

Jody Manners

University of Pittsburgh

School of Medicine

Anthony Cipriano

The State University of New York (SUNY)

Downstate Medical Center

&

Drexel University College of Medicine

To remove your name from our mailing list, please click here.

Important Dates

Fall Term (Code 2101)

December 11, 2009	Last Day Undergraduate Classes
December 12, 2009	Reading Day
December 14—19, 2009	Final Exams
December 19, 2009	Fall Term Officially Ends/Dec Grad Ceremony
December 20, 2009—January 5, 2010	Winter Break for Students
December 24, 2009—January 3, 2010	University Closed
January 6, 2010	Spring Term Begins

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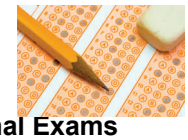
Online Advising Now Available!
Schedule your appointment today!

Name the Neuroscience Festivas Pole

—Win a Prize

December 2009

		1	2	3	4	5
6 St. Nick's Day	7	8	9	10	11 Last Day Undergraduate Classes	12 Dec 12—19
13	14  Final Exams Week	15	16	17	18	19 Fall Term Ends Dec Graduation
20 Winter Break Begins	21 Winter Solstice	22	23	24 University Closed thru January 3rd	25 Christmas	26 Dec. 26—Jan 1
27	28	29	30	31		Festivas for the rest of us 12-26-09

Major Requirements

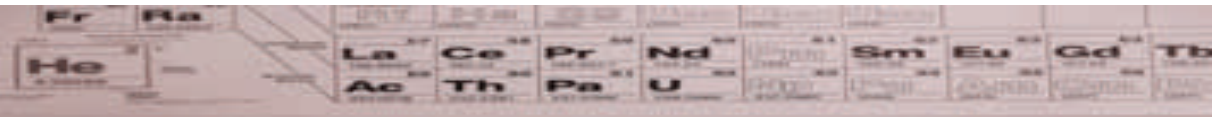
Students must complete BIOSC 0150, BIOSC 0160, CHEM 0110, and CHEM 0120 with a grade of C or better (not C-) in order to declare Neuroscience as a major. Students must earn a B– or better in Intro to Neuroscience in order to continue in the major. To graduate with a BS degree in Neuroscience, students must maintain a 2.0 GPA 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 2008 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.

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Spring Term (2104)
Course Offerings

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12162	**NROSCI 0080**	**Brain and Behavior**	3	Tu/ Th	2:30-3:45	LANGY A221	
		review	0	F	10:00-10:50	LANGY A221	
13422	**NROSCI 0081**	**Drugs and Behavior**	3	MWF	10:00-10:50	CLAPP L-9	
		review	0	W	12:00-12:50	CRAWF 169	
14454	**NROSCI 0081**	**Drugs and Behavior**	3	Tu	6:00-8:30 pm	LANGY A214	
33718	**NROSCI 0081**	**Drugs and Behavior**	3	Tu	7:00-9:30 pm	Mt. Lebanon H.S.	
10644	**NROSCI 1000**	**Intro to Neuroscience**	3	Tu/ Th	4:00-5:15	LANGY A221	Stricker
		review	0	F	1:00-2:25	LANGY A224	Stricker
11490	**NROSCI 1003**	**UHC Intro to Neuroscience**	4	Tu/ Th F	4:00-5:15 4:00-5:15	LANGY A221 LANGY A202	Stricker
12154	**NROSCI 1012**	**Neurophysiology**	3	Tu/ Th	11:00-12:15	LANGY A224	Johnson
12156	**NROSCI 1012**	**Recitation**	0	M	11:00-11:50	LANGY A224	Johnson
12158	**NROSCI 1017**	**Synaptic Transmission**	3	Tu/Th	1:00-2:15	CLAPP L-9	Wood
12160	**NROSCI 1017**	**review**	0	W	11:00-11:50	LANGY A224	Wood
10660	**NROSCI 1030**	**Psych Disorders & Brain Function**	3	Tu/Th	1:00-2:15	CRAWF 169	Grace
15402	**NROSCI 1036**	**Neurobiology of Aging**	3	MWF	3:00-3:50	LANGY A224	Goss
13182	**NROSCI 1047**	**Topics in Neuroscience**	2	F	9:00-10:45	TBA	Haas
13184	**NROSCI 1097**	**Undergrad Teaching Ex-perience**	2		BY APPT		Yates
13628	**NROSCI 1250**	**Human Physiology**	3	MWF	2:00-2:50	CRAWF 169	Roberts
31314	**NROSCI 1250**	**Human Physiology**	3	Th	2:30-4:55	IS 404	Roberts
12152	**NROSCI 1800**	**Neuroscience Writing Practicum 1**	1	Th	10:00-10:50	LANGY A202	Miller
12150	**NROSCI 1801**	**Neuroscience Writing Practicum 2**	1	Th	10:00-10:50	LANGY A202	Miller
10662	**NROSCI 1901**	**Independent Study**	1-6		BY APPT		
10664	**NROSCI 1961**	**Thesis Research**	1-6		BY APPT		
11730	**NROSCI 1962**	**Thesis Research / Writing Practicum**	1		BY APPT		

PRE-MED OPPORTUNITY IN INDIA

Any undergraduate student that is interested in international community health should know about the Mabelle Arole Fellowship, awarded annually since 2002 through JSI Research and Training, Inc. Candidates must be admitted to medical school to be eligible. If awarded the Fellowship, they defer entrance to medical school for one year. Applications are due in mid-January 2010 and finalist are interviewed in mid-March at AMSA conference. Fellow departs US in late August and returns in early summer of 2011. The Fellow, who receives $8,000 to cover all expenses, spends 10 months at the Comprehensive Rural Health Project at Jamkhed (in Maharashtra), one of the best examples of how mobilized/empowered communities can significantly improve their health/nutrition status.
All relevant information is available on the AMSA website (www.amsa.org, search for Arole) which has link to Jamkhed site and contains reports by previous Fellows. Any questions can be directed to Dr. David Pyle at "dpyle@JSI.com" or 202-258-4474.

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Ask about Online Advising

Resources for Students Pursuing Degrees in the Sciences!

www.PathwaysToScience.org/Grad.asp

Undergraduate Students

Paid Summer 2010 Undergrad Research Placements!!!
Over 400 programs -Undergraduate REU and Other Summer Research Opportunities: See www.PathwaysToScience.org/SummerResearch.asp <http://www.PathwaysToScience.org/SummerResearch.asp>

Graduate Students

Opportunities at over 150 colleges and universities: www.PathwaysToScience.org/Grad.asp
<http://www.PathwaysToScience.org/Grad.asp>

Post-Docs

Professional Development and Support: Alliance for Graduate Education and the Professoriate (AGEP): see www.agep.us
<http://www.agep.us>

For Financial Support in Graduate School Opportunities:

Bridges, GK-12, IGERT and NSF Grad Research Fellowship programs provide generous stipend ($30,000 per year) and tuition support for students through the National Science Foundation:
www.PathwaysToScience.org/Grad.asp <http://www.PathwaysToScience.org/Grad.asp>

Over 150 current post doc positions nationwide

www.PathwaysToScience.org/PostDocs.asp

Kaplan is offering students an opportunity to **get $200 back*** on their Kaplan enrollment! Anyone who is interested in attending medical, dental, pharmacy or optometry school and is ready to begin their prep over the next few months can take advantage of this opportunity.

Since this $200 rebate promotion begins just before Thanksgiving, students can share the discount opportunity with their parents and families over the holiday. The timing is perfect for any student who will begin preparing in December or the New Year for the MCAT, DAT, OAT or PCAT!* The $200 rebate promotion ends **November 30th,** so before they pack up the leftovers, students can choose their Kaplan class and start benefiting from *the Kaplan Advantage*:

- The most personalized prep
- Unmatched expertise
- Guaranteed results*

To learn more, visit www.kaptest.com or call 1-800-KAP-TEST

Announcing the

Humanity in Action Fellowship

Humanity in Action (HIA) is now accepting applications for our 2010 summer fellowship programs in Europe and the United States.

View Application Materials | Click Here

Request More Information | Click Here

HIA invites applications from college students (current sophomores, juniors, and seniors) and recent graduates (classes of 2008 and 2009) who are intellectually gifted, mature, independent, and passionate about human rights and social justice. Please forward this email to students who may be qualified for participation.

The HIA summer fellowship programs bring together international groups of Fellows to study minority rights and human rights doctrines in democratic societies. Separate programs will take place for five weeks in **Amsterdam, Berlin, Copenhagen, New York, and Warsaw**. Applications are due on January 23, 2010.

We hope you agree that this is a wonderful opportunity for your students and recent graduates, and that you will forward this email widely. **Students of all majors and academic disciplines are encouraged to apply**. Full application materials are available on our website at: http://www.humanityinaction.org/apply/usa

If you have any further questions, please do not hesitate to contact our staff at admissions@humanityinaction.org. Dr. Judith Goldstein, Founder and Executive Director, Humanity in Action

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The Villers Fellowship The Villers Fellowship for Health Care Justice was created in 2005 by Philippe Villers, Founder and President of Families USA. Villers Fellows work in our health policy department and assist our organization's efforts to improve access to health coverage for all Americans, especially for low-income and other vulnerable communities. Specifically, Villers Fellows will conduct research on a range of health care policy issues, and write and contribute to publications that are relevant to current health policy debates. In creating the fellowship, Mr. Villers aspired to develop a network of young leaders who share a passion for health care justice. The ideal candidate will demonstrate a commitment to health care justice work following their year as a fellow. Additionally, in order to encourage the development of future leaders, Villers Fellows must commit to mentoring at least one person over the course of their careers.

The application deadline for the Villers Fellowship is January 15, 2010.

You can find more information, including a downloadable application form, on our Web site: http://www.familiesusa.org/about/the-villers-fellowship.html

If you have any questions about the Villers Fellowship for Health Care Justice or would like to request hard copies of the application brochure, please contact me at villersfellowship@familiesusa.org.

The Wellstone Fellowship The Wellstone Fellowship for Social Justice aims to advance social justice through health care advocacy by focusing particularly on the unique challenges facing communities of color. Through this fellowship, established to honor the memory of the late Senator Paul D. Wellstone, we hope to expand the pool of talented social justice advocates from underrepresented racial and ethnic minority groups. The ideal candidate must demonstrate an interest in health care policy and racial/ethnic health disparities. Additionally, we are looking for an individual who displays the potential to contribute to social justice work after their year of hands-on experience as a fellow. You can find more information, including a downloadable application form, on our Web site: http://www.familiesusa.org/about/wellstone-fellowship.html

The application deadline for the Wellstone Fellowship is February 5, 2010.

If you have any questions about the Wellstone Fellowship for Social Justice or would like to request hard copies of the application brochure, please contact me at wellstonefellowship@familiesusa.org.

Both fellowships are year-long, full-time, salaried positions at our office in Washington, DC. Each year, one candidate will be selected for each fellowship. Selected fellows will receive a compensatory package that includes an annual salary of $38,000 and excellent health care benefits.

Unite For Sight: Global Health Volunteer Abroad Opportunity

http://www.uniteforsight.org/volunteer-abroad

Unite For Sight has been featured weekly on CNN International and in The New York Times

Unite For Sight is the world's leader in socially responsible, effective volunteering abroad. Unite For Sight's Global Impact Corps is an **immersive global health experience** for students and for professionals. All volunteers participating in Unite For Sight's international programs are Global Impact Fellows.

What do students do as Global Impact Fellows? They participate daily with local ophthalmic nurses, local optometrists, and local ophthalmologists to eliminate patient barriers to care and to facilitate comprehensive year-round eye care for patients living in extreme poverty. They assist with patient education, visual acuity screening, patient intake, distributing the glasses and medication prescribed by the local eye doctors, data compilation and analysis, and other necessary support tasks. Through hands-on, structured training, volunteers gain a comprehensive understanding about best practices in community eye health, global health, and international development. Global Impact Fellows gain skills and are nurtured to become new leaders in global health, and they receive a Certificate in Global Health & Program Delivery. Additionally, Global Impact Fellows may participate in the Global Impact Lab, an optional program for volunteers interested in pursuing global health research.

Locations of Year-Round Program Delivery:

(volunteer for 7 days, 20 days, 4 weeks, 6 weeks, 8 weeks, 10 weeks, or more)

- **Accra and Kumasi Regions, Ghana** ● **Ashanti and Northern Regions, Ghana** ● **Varying Rural Villages, Ghana**
- **Tegucigalpa, Honduras** ● **Bihar, India** ● **Chennai, India** ● **New Delhi, India** ● **Orissa, India**

Academic Credit Option: Many students choose to pursue the Unite For Sight program for academic credit and/or medical electives at their home institution. We also encourage students to pursue research studies that contribute to knowledge about global eye care needs and solutions. We work closely with students on both of these options.

Complete Details: http://www.uniteforsight.org/volunteer-abroad

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Collegiate Leaders in Environmental Health (CLEH)
Opportunity Announcement

CDC/ATSDR's National Center for Environmental Health/Agency for Toxic Substances and Disease Registry (NCEH/ATSDR) is offering a 10-week summer internship program for students in Environmental Studies, Ecology, Biology, Chemistry, Engineering, and other related majors to take place June 9-August 13, 2010. During the course of the internship, students are introduced to environmental health at the federal level through project collaboration, experiential learning opportunities, individual environmental health presentations, journal clubs, field trips, brown bag lunches, and through shadowing and mentoring relationships at CDC/ATSDR. Interns will be based at CDC/ATSDR's Atlanta-Chamblee Campus where NCEH/ATSDR is housed. Students are paid $500 a week during the course of the program. Please go to our website www.cdc.gov/nceh/cleh for more information and application instructions. Applications are due February 16, 2010.

Eligibility requirements for CLEH interns:

- US citizenship or Permanent Resident with a green card,
- Full time enrollment at a college or university as a rising junior or rising senior by fall 2010
- Minimum cumulative GPA of 3.0 on a 4.0 scale, and

An academic major or demonstrated coursework concentration in Environmental Studies, Engineering, Chemistry, Biology, Ecology or related fields.

Note: *Seniors graduating in Spring 2010 will not be accepted to this program.*

For more information, please email LT Cory Moore, Environmental Health Officer, USPHS, Program Development Office, NCEH/ATSDR at CLEH@cdc.gov

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PSU Biomedical Sciences Club Undergraduate Conference 2010

March 19-20, 2010

Penn State University, University Park Campus

Keynote Speaker Nobel Laureate Paul Berg, PhD Stanford University

Undergraduate Poster Exhibition with Monetary Prizes

Registration Fees: Before 1/31/10: $30 After 1/31/10: $40

For more information and registration visit: http://www.clubs.psu.edu/up/bmsc/conference2010/

Or email: psubmsc@gmail.com