ON YOUR ACCEPTANCE TO MEDICAL SCHOOL

Zubin Shah
University of Toledo
Boonshoft School of Medicine
(Wright State Univ.)

Keith Wirth
The State University of New York
(SUNY) Downstate Medical Center

Tell us your good news!

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

#### Spring Term (Code 2104)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>January 5, 2010</td>
<td>Residence Halls open</td>
</tr>
<tr>
<td>January 6, 2010</td>
<td>Spring Term Begins</td>
</tr>
<tr>
<td>January 18, 2010</td>
<td>MLK Jr Birthday Observed/University Closed</td>
</tr>
<tr>
<td>January 19, 2010</td>
<td>Spring Term Add/Drop period ends</td>
</tr>
<tr>
<td>February 22, 2010</td>
<td>Summer Registration Begins</td>
</tr>
<tr>
<td>February 26, 2010</td>
<td>Honors Convocation</td>
</tr>
<tr>
<td>March 5, 2010</td>
<td>Spring Term Monitored Withdrawal deadline</td>
</tr>
<tr>
<td>March 7—14, 2010</td>
<td>Spring Break</td>
</tr>
<tr>
<td>March 18, 2010</td>
<td><strong>Fall Term Registration Begins</strong></td>
</tr>
<tr>
<td>April 23, 2010</td>
<td>Last Day Spring Term /Undergraduates</td>
</tr>
<tr>
<td>April 26—May 1, 2010</td>
<td>Final Exams</td>
</tr>
<tr>
<td>May 2, 2010</td>
<td>Commencements</td>
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#### January 2010

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<tr>
<td></td>
<td></td>
<td>Residence Halls Open</td>
<td>Classes Resume</td>
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<tr>
<td>17</td>
<td>18</td>
<td>Martin Luther King Jr.’s Birthday</td>
<td>Spring Term Add/Drop period ends</td>
<td>19</td>
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<td>21</td>
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</tbody>
</table>

**Newsletter Spotlight**

- Neuroscience People
- Major Requirements/Fellowships
- Course Offerings
- Employment/Volunteer Opportunities
- More Opportunities

**Online Advising**

Now Available!

Schedule your appointment today!
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.

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.
### Spring Term (2014)

#### Course Offerings

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>12162</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>
<td>Drill</td>
</tr>
<tr>
<td>13422</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>
<td>Buffalari</td>
</tr>
<tr>
<td>14454</td>
<td>NROSCI 0081</td>
<td>Drugs and Behavior review</td>
<td>3</td>
<td>Th</td>
<td>6:00-8:30 pm</td>
<td>LANGY A214</td>
<td>Eggun</td>
</tr>
<tr>
<td>33718</td>
<td>NROSCI 0081</td>
<td>Drugs and Behavior review</td>
<td>3</td>
<td>Tu</td>
<td>7:00-9:30 pm</td>
<td>Mt. Lebanon H.S.</td>
<td>Cohen</td>
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<tr>
<td>10644</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>LANGY A221</td>
<td>Stricker</td>
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<tr>
<td>11490</td>
<td>NROSCI 1003</td>
<td>UHC Intro to Neuroscience</td>
<td>4</td>
<td>Tu/Th</td>
<td>1:00-2:25</td>
<td>LANGY A224</td>
<td>Stricker</td>
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<tr>
<td>12154</td>
<td>NROSCI 1012</td>
<td>Neurophysiology</td>
<td>3</td>
<td>Tu/Th</td>
<td>11:00-12:15</td>
<td>LANGY A224</td>
<td>Johnson</td>
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<td>11:00-11:50</td>
<td>LANGY A224</td>
<td>Johnson</td>
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<tr>
<td>12158</td>
<td>NROSCI 1017</td>
<td>Synaptic Transmission</td>
<td>3</td>
<td>Tu/Th</td>
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<td>CLAPP L-9</td>
<td>Wood</td>
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<tr>
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<td>W</td>
<td>11:00-11:50</td>
<td>LANGY A224</td>
<td>Wood</td>
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<td>10660</td>
<td>NROSCI 1030</td>
<td>Psych Disorders &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>15402</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>13182</td>
<td>NROSCI 1047</td>
<td>Topics in Neuroscience</td>
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<td>F</td>
<td>9:00-10:45</td>
<td>TBA</td>
<td>Haas</td>
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<td>13184</td>
<td>NROSCI 1097</td>
<td>Undergrad Teaching Experience</td>
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<tr>
<td>13628</td>
<td>NROSCI 1250</td>
<td>Human Physiology</td>
<td>3</td>
<td>MWF</td>
<td>2:00-2:50</td>
<td>CRAWF 169</td>
<td>Roberts</td>
</tr>
<tr>
<td>31314</td>
<td>NROSCI 1250</td>
<td>Human Physiology</td>
<td>3</td>
<td>Th</td>
<td>2:30-4:55</td>
<td>IS 404</td>
<td>Roberts</td>
</tr>
<tr>
<td>12152</td>
<td>NROSCI 1800</td>
<td>Neuroscience Writing Practicum 1</td>
<td>1</td>
<td>Th</td>
<td>10:00-10:50</td>
<td>LANGY A202</td>
<td>Miller</td>
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<td>12150</td>
<td>NROSCI 1801</td>
<td>Neuroscience Writing Practicum 2</td>
<td>1</td>
<td>Th</td>
<td>10:00-10:50</td>
<td>LANGY A202</td>
<td>Miller</td>
</tr>
<tr>
<td>10662</td>
<td>NROSCI 1901</td>
<td>Independent Study</td>
<td>1-6</td>
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<td>BY APPT</td>
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<td>11730</td>
<td>NROSCI 1962</td>
<td>Thesis Research / Writing Practicum</td>
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<td></td>
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</tr>
</tbody>
</table>
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.

Resources for Students Pursuing Degrees in the Sciences!

Undergraduate Students

www.PathwaysToScience.org/Grad.asp

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Graduate Students

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

Post-Docs

Professional Development and Support: Alliance for Graduate Education and the Professoriate (AGEP): <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: <http://www.PathwaysToScience.org/Grad.asp>

Over 150 current post docs positions nationwide www.PathwaysToScience.org/PostDocs.asp

2010 Summer Undergraduate Research Program

Applications are now being accepted for the Thomas Jefferson University, College of Graduate Studies Summer Undergraduate Research Program.

Jefferson College of Graduate Studies, located in center city Philadelphia, offers academic programs leading to the MS and PhD degrees in a variety of biomedical areas. In an effort to acquaint students with our academic programs and areas of ongoing research, the College of Graduate Studies is sponsoring a number of summer positions through which upper-level undergraduate students who have completed their junior year will have the opportunity to work in the laboratories of faculty as members of their research team.

Thomas Jefferson University is an internationally recognized academic health center with over $140,000,000 in sponsored biomedical research programs that provide a wide variety of opportunities for student research training.

HIGHLIGHTS OF THE PROGRAM INCLUDE
+ A stipend of $3,500 plus on-campus housing accommodation
+ A ten-week research experience from June 1 through August 7, 2009
+ Exposure to faculty, current students, & a variety of research labs
+ Weekly meetings to discuss research, graduate training, & careers planning
+ Public presentation of research project

Research Program Options Include (click on title for more information):
- Biochemistry & Molecular Biology
- Cell & Developmental Biology
- Genetics
- Immunology & Microbial Pathogenesis
- Molecular Pharmacology & Structural Biology
- Molecular Physiology and Biophysics
- Neuroscience
- Tissue Engineering & Regenerative Medicine

Application filing deadline: February 1, 2009
Click here for Program Website and to download application
PhD application deadline is January 15th.
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 admisions@humanityinaction.org. Dr. Judith Goldstein, Founder and Executive Director, Humanity in Action

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 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:

- 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](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](http://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](mailto: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/](http://www.clubs.psu.edu/up/bmsc/conference2010/)

Or email: [psubmsc@gmail.com](mailto:psubmsc@gmail.com)