

The Goals of N.E.U.R.O.N.

The primary objectives of the North East Under/graduate Research Organization for Neuroscience (N.E.U.R.O.N.) are:

- To provide an open forum for neuroscience undergraduate and graduate students to present and discuss their work with students and faculty with similar interests.
- To provide faculty an opportunity to discuss curricular and research issues in Neuroscience.
- To enhance communication and collaboration among neuroscience researchers and educators.

In order to achieve these goals, N.E.U.R.O.N. has annual conferences that are focused on enhancing neuroscience training. The annual one-day conference provides a forum for undergraduate and graduate students to present and gain feedback from peers and faculty on the research in which they have engaged during the academic year. Students and faculty participate in workshops that discuss important topical and pipeline issues in neuroscience. Notable neuroscientists provide the keynote.

Past Key Note Speakers

1997-Year One: Dr. Bruce McEwen, Rockefeller University, "Sex, stress, and the synapses: Endocrinology and neuroscience combine forces"

1998-Year Two: Dr. Patricia Goldman-Rakic, Yale School of Medicine, "Cortical memory systems"

1999-Year Three: Dr. Robert Sapolsky, Stanford, "Stress, neurodegeneration, and individual differences"

2000-Year Four: Dr. Sandra Witelson, McMaster University, "Einstein and other brains"

2001-Year Five: Dr. Ed Kravitz, Harvard Medical School, "Fighting Lobsters – From genes to behavior"

2002-Year Six: Dr. Donald Pfaff, Rockefeller University, "Hormonal and genetic influences on arousal of the brain, sexual and otherwise"

2003-Year Seven: Dr. Eve Marder, Brandeis, "Stability and plasticity in adult and developing neural circuits"

2004-Year Eight: Dr. Huda Akil, U Michigan, "Searching for the Neural Basis of Mental Illness"

2005- Year Nine-NYC: Dr. Joseph LeDoux, New York University, "Emotion, Memory, and the Brain"

2006- Year Ten: Dr. Edwin Lephart, Brigham Young University, "Phytoestrogens: Brain, Hormones and Behavior. What's In Your Laboratory Diet?"

2007- Year 11-Boston: Dr. Erich Jarvis, Duke Medical Ctr, "Evolution of brain pathways for vocal Learning"

2007- Year 11-NYC: Dr. C. Su Carter, U. Illinois Chicago, "The Love Code: Implications for Autism"

2007-Year 12-Boston: Dr. William Carlezon, Harvard, "Role of Nucleus accumbens CREB in motivated behavior: Implications for co-morbidity of addiction and depression"

Past & Planning for N.E.U.R.O.N.

This will be the twelfth year of having annual N.E.U.R.O.N. conferences. Every year, participation in the annual meeting has increased. The annual meeting of N.E.U.R.O.N. was held at Northeastern University in Boston on October 6, 2007. There were more than 250 attendees and 45 poster presentations. Among the registrants, there were 160 undergraduates, 58 graduate students, and 25 faculty members that represented 45 institutions. The progress and outcomes of the recent annual N.E.U.R.O.N. conference are presented in posters at The Society for Neuroscience Conference in San Diego, CA. The history, past progress, and future goals are also described in a recent review paper that can be found at: <http://www.funjournal.org/>

We hope to further expand participation in our twelfth year. We are particularly eager to increase involvement in N.E.U.R.O.N. by students, faculty, and/or speakers from diverse and/or under-represented groups. As such, we are continuing to collaborate with Hunter College (CUNY) and will hold one of our 2008 meetings in New York City on April 12, 2008. A second 2008 meeting will be held in Boston, MA on November 8, 2008. At both, students will have the option to give a talk or present a poster about their research.

You can become involved in N.E.U.R.O.N. by bringing your students to the meeting. As well, we need assistance from faculty who are willing to organize symposium for talks and/or workshops.

Tentative Schedule for This Year's Meetings

Pre-registration and titles for poster presentation need to be submitted via the web site one week in advance of the meeting. We can accommodate on-site registrants, but the information for those who do so will not be included in the program. Further, for catering we need to know in advance the number of attendees, in order to provide adequate food. A typical program for the meeting is below.

8:30-10:00 Registration, poster prep, and breakfast
9:30-11:00 Brain Primer Program-High School Trainees
10:00-11:30 Poster Session and Student Talks
11:30-11:45 Welcome, Introduction of Keynote Speaker
11:45-12:45 Keynote Address
12:45-1:00 Discussion
1:00-1:30 Tieman Research Prizes & Business Meeting
1:30-3:30 Workshops with Lunch, topics are typically

- *How to gain entrée and thrive in your post-graduate program of choice*
- *A Panel Discussion of Neuroscience Outreach & Opportunities*
- *Ethics In Neuroscience*
- *Enhancing Opportunities for People of Color*

Abstracts Published in JBNR

The *Journal of Behavioral and Neuroscience Research* (JBNR) publishes a special issue of the proceedings of the *N.E.U.R.O.N.* conference.
http://academic2.strose.edu/Math_And_Science/flintr/jbnr/

Acknowledgments

There is no fee to attend N.E.U.R.O.N. due to support from NIMH (R13MH060282), Hunter and Northeastern University and SUNY-Albany. Past support was provided by NINDS & NIMH (MH39167), NSF (98-96263), Hunter College, New England Consortium for Undergraduate Science Education, and Trinity College.

For more information, or to Register

Visit: <http://www.albany.edu/neuron/>, or contact a person below
Cheryl Frye, Founder/Treasurer, SUNY Albany
(fryeca@gmail.com)

Sharon Ramos-Goyette, Chair Program Committee, Stonehill,
(sramosgoyette@stonehill.edu)

Madeline Rhodes, Chair Diversity Committee, Smith College
(madeline_rhodes@yahoo.com)

Angela Seliga, Chair Outreach Committee, Boston University,
(amseliga@bu.edu)

Local Organizing Committee-Boston:

Bruce Gray, Simmons College (dbruce.gray@simmons.edu)

Jay McLaughlin, Northeastern University (j.mclaughlin@neu.edu)

James Stellar, Northeastern University (stellar@neu.edu)

Todd Williams, Emmanuel College, (williato@emmanuel.edu)

Local Organizing Committee-New York City:

Susan Croll, Queens College-CUNY (susan_croll@qc.edu)

Victoria Luine, Hunter College-CUNY (vluine@hunter.cuny.edu)

Jason Young, Hunter College-CUNY (jason.young@earthlink.net)

Steering Committee

Rachel Bowman, Sacred Heart University
(BowmanR@sacredheart.edu)

Aline Davis, Framingham State College (adavis@frc.mass.edu)

Joseph DeBold, Tufts University (joe.debold@tufts.edu)

Cecilia Fox, Moravian College (cfox@moravian.edu)

Rob Flint, The College of Saint Rose (flintr@mail.strose.edu)

Karyn Frick, Yale University (karyn.frick@yale.edu)

Stephanie Golski, Rider University (golski@rider.edu)

Shannon Harding, Fairfield University,
(sharding@mail.fairfield.edu)

Jacob Harney, University of Hartford (harney@mail.hartford.edu)

Meg Kirkpatrick, Wheaton (kirkpatrick_meg@wheatonma.edu)

Timothy Koeltzow, Saint Anselm (tskoeltzow@anselm.edu)

Susan Masino, Trinity College (Susan.Masino@trincoll.edu)

Kathy Morgan, Wheaton College (kmorgan@wheatoncollege.edu)

Robert Morris, Wheaton College (rmorris@wheatoncollege.edu)

Janice Naegele, Wesleyan (JNAEGELE@WESLEYAN.EDU)

John Neill, Southampton College of Long Island University,
(John.Neill@LIU.edu)

Nancy Oley, Medgar Evers College-CUNY (oley@optonline.net)

Sarah Raskin, Trinity College (sarah.raskin@mail.trincoll.edu)

Noah Sandstrom, Williams College
(Noah.J.Sandstrom@williams.edu)

Jennifer Swann, LeHigh University (jms5@lehigh.edu)

Marc Tetel, Wellesley College (mtetel@wellesley.edu)

David Tieman, SUNY Albany (bioweb@albany.edu)

THE TWELTH ANNUAL BOSTON CONFERENCE of



will be held

**Saturday, November 8,
2008**

at

Simmons College, Boston, MA

The keynote speaker will be

**Dr. Klaus Miczek
Tufts University**

will present a talk entitled,

**"Why do aversive social
stress experiences promote
intensely rewarding drug
taking? Common molecular
Adaptations"**

THE FOURTH ANNUAL NEW YORK CITY CONFERENCE of



will be held

Saturday, April 12, 2008

at

Hunter College, NYC, NY

The keynote speaker will be

**Dr. John Morrison
Mount Sinai Medical
School**

will present a talk entitled,

**"Estrogen and the Aging
Brain"**

Locations: N.E.U.R.O.N. is now held twice each year, once in New York City and once in Boston, MA, to increase diversity and enhance integration between neuroscientists within and between these cities. The 2008 NEURON conferences will be at CUNY Hunter in New York City on April 12, 2008 and Simmons College in Boston, MA on November 8, 2008.

Directions to Hunter College, CUNY: (East 68th and Lexington, NYC)

From the East Side: take the Lexington Avenue subway train No. 6 to the stop 68th Street – Hunter College. Exit on the South West side, and you will be facing the West Building (bottom left rectangle on the map below).

From the Upper West Side: the M66 bus line runs West to East along 65th Street on the West Side, and can be boarded on Broadway or Central Park West for easy transfers from West Side subway lines. The M66 conveniently switches to 68th Street on the East Side, so that getting off at the intersection with Lexington Avenue, will leave you in front of Hunter College. Crossing Lexington Avenue will take you to the Hunter West entrance (bottom left rectangle on the map below).

From 6th Avenue: take the F train to Lexington Avenue and switch to the number 6 train towards uptown. Then follow directions for the East Side.

From 7th Avenue and/or Penn Station: take the E train to Lexington Avenue and switch to the number 6 train towards uptown. Then follow directions for the East Side.

From the East Side: take the Lexington Avenue subway train No. 6 to the stop 68th Street – Hunter

Accommodations: The Edison Hotel has special Hunter College Rates.

Edison Hotel
228 West 47th Street
New York, NY
(212) 840-5000

There are also youth hostels in the area.
Contact Jason Young for info.



Directions to Simmons College (300 The Fenway, Boston, MA)

Public Transportation: Take MBTA green line E train (Heath Street) to Museum stop. Turn right onto Louis Prang Street. From here you can see Simmons's green cupola. Walk past Isabella Stewart Gardner Museum on left. Simmons College is on the left.



Driving from the West (including NYC and CT) Take Route 90 East (Massachusetts Turnpike) to Exit 22. Stay left and follow signs marked "Prudential Center/West 9." Stay on Huntington Ave. west approximately 1 mile. Pass Museum of Fine Arts on right, then turn right at next light on Louis Prang St. Continue through two lights. The main building of Simmons will be on left. Turn left on Avenue Louis Pasteur. Simmons's library is on left. Driving from the South Take I-93 N to Exit 26, "Storrow Drive". Follow local directions below. **Driving from the North** Take I-93 South to Exit 26, Storrow Drive west/North Station. Keep left on exit and follow signs for Storrow Drive west. Follow local directions below.

Local Directions: Look for sign "Kenmore Square, Fenway, Route 1 South" and exit left, following sign for "Fenway 1 South." Do not take Kenmore Square exit. Stay right at light, following sign for "Boylston St. Outbound, Riverway 1." Get in left lane and proceed to first light. Turn left onto Park Drive. Follow Park Drive to lights (gas station on right corner) and cross Boylston Street and Brookline Avenue. Stay left. At next set of lights, bear left following "Fenway" sign to reverse direction. At lights, continue straight, crossing Brookline Avenue again. You will be on "The Fenway." Turn right onto Avenue Louis Pasteur after Emmanuel College. Simmons's library is on left. Passengers may be dropped off here. There is limited parking. We are trying to get parking at Boston Latin School next door.

Accommodations: A reasonable nearby hotel is Best Western at Longwood, 342 Longwood Avenue, Boston MA 02115; 617-731-4700

Disclaimer: Funding for this conference was made possible in part by grant R13MH060282 from the NIMH. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.