

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 address.

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: 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"

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 10th annual meeting of N.E.U.R.O.N. was held at Hunter College (CUNY) in New York City on April 28, 2007. There were more than 450 attendees and 100 poster presentations. Among the registrants, there were 360 undergraduates, 82 graduate students, and 79 faculty members that represented 45 institutions. The progress and outcomes of the eleventh annual N.E.U.R.O.N. conference are presented in a poster at The Society for Neuroscience Conference in Atlanta, GA. The history, past progress, and future goals are also described in a recent review paper that can be found at: <http://www.funjournal.org/downloads/FryeA36.pdf>

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 2007/8 meetings in New York City on April 12, 2008. A second 2007 meeting will be held in Boston, MA on October 6, 2007. 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.

8:30-10:00 Registration, poster prep, and breakfast
9:30-11:00 Brain Primer Program for High School Students

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 Presentation of Tieman Research Prizes

1:00-3:30 Workshops with Lunch

- ***How to gain entrée and thrive in your post-graduate program of choice***
- ***Neuroscience- the jealous mistress- the importance of achieving balance***
- ***Neuroscience Outreach-How to engage potential neuroscientists?***

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

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For more information, or to Register

Visit: <http://www.albany.edu/neuron/>, or contact a person below

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THE TWELTH ANNUAL BOSTON CONFERENCE of



will be held

Saturday, October 6, 2007

at

**Northeastern University,
Boston, MA**

The keynote speaker will be

**Dr. William Carlezon Jr.,
Harvard Medical School-
McLean Hospital**

presenting a talk entitled

**" Role of nucleus accumbens
CREB in motivated behavior:
implications for
co-morbidity of addiction and
depression"**

THE TWELTH ANNUAL NEW YORK CITY CONFERENCE of



will be held

Saturday, April 12, 2008

at

Hunter College, NYC, NY

The keynote speaker will be

**Dr. David Rubinow,
University Of North
Carolina**

presenting a talk entitled

**" Mood Dysregulation in
Context: Lessons from
Reproductive Neuroscience"**

Locations: For the new few years with the support of NIMH, N.E.U.R.O.N. will be 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 Northeastern University in Boston, MA on October 6, 2007 and CUNY Hunter in New York City on April 12, 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 HunterWest 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 Northeastern University

From the north (via Route I-93 or Route 1): Take the Storrow Drive exit, and proceed to the Fenway exit. Follow signs for Boylston Street inbound, and bear right onto Westland Avenue. Turn right onto Massachusetts Avenue, proceed to the third traffic light, and turn right onto Columbus Avenue. The Renaissance Parking Garage is at 835 Columbus Avenue.

From the west (via Route I-90, Massachusetts Turnpike): Take Exit 22 (Copley Square), and bear right. Proceed to the first traffic light, and turn right onto Dartmouth Street. Take the next right onto Columbus Avenue. The Renaissance Parking Garage is at 835 Columbus Avenue.

From the west (via Route 9): Proceed east on Route 9; it will become Huntington Avenue. Turn right onto Ruggles Street. At the fourth traffic light, turn left onto Tremont Street. At the second set of lights, turn left onto Melnea Cass Boulevard, and then turn left onto Columbus Avenue. The Renaissance Parking Garage is at 835 Columbus Avenue.

From the south (via I-93, Route 3): Take Exit 18 (Massachusetts Avenue/Roxbury/Frontage Road). Turn left at the third light, staying in one of the two left lanes. Proceed straight onto Melnea Cass Boulevard. Continue for approximately two miles and turn left onto Columbus Avenue. The Renaissance Parking Garage is at 835 Columbus Avenue.

Via public transportation: Northeastern is accessible by subway via the Green Line of the MBTA. From downtown Boston, take an "E" train outbound to the Northeastern stop, the first stop above ground. The campus can also be reached from downtown via the Orange Line by taking any train going outbound to Forest Hills and getting off at Ruggles Station. Commuter rail lines connect with the Orange Line at Ruggles Station, Back Bay Station, and North Station.

Accommodations: The Colonnade Hotel at 120 Huntington Ave. (617.424.7000) and has a Northeastern rate. For other possibilities see: <http://www.northeastern.edu/admissions/visitcampus/explore.html#stay>

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