

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, educators and trainees.

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

Year	Speaker/Title
1997 Boston	Bruce McEwen "Sex, stress, and the synapses: Endocrinology and neuroscience combine forces"
1998 Boston	Patricia Goldman-Rakic "Cortical memory systems"
1999 Boston	Robert Sapolsky "Stress, neurodegeneration, and individual differences"
2000 Boston	Sandra Witelson "Einstein and other brains"
2001 Boston	Ed Kravitz "Fighting Lobsters – From genes to behavior"
2002 Boston	Donald Pfaff "Hormonal and genetic influences on arousal of the brain, sexual and otherwise"
2003 Boston	Eve Marder "Stability and plasticity in adult and developing neural circuits"
2004 Boston	Huda Akil "Searching for the Neural Basis of Mental Illness"
2005 Boston	Joseph LeDoux "Emotion, Memory, and the Brain"
2006 Boston	Edwin Lephart "Phytoestrogens: Brain, Hormones and Behavior. What's In Your Laboratory Diet?"
2007 Boston	Erich Jarvis "Evolution of brain pathways for vocal Learning"
2007 NYC	Su Carter "The love code: implications for Autism"
2007 Boston	William Carlezon "Role of nucleus accumbens CREB in motivated behavior: implications for co-morbidity of addiction and depression"
2008 NYC	John Morrison "Estrogen and the aging brain"
2008 Boston	Klaus Micek "Why do aversive social stress experiences promote intensely rewarding drug taking? Common molecular adaptations"
2009 NYC	David Rubinow "Dysregulation in context: lessons from reproductive neuroscience"
2009 Boston	Cheryl Frye "Neurosteroids' Role Across the Lifespan: Sex, Drugs, and Rock and Roll"
2010 NYC	Eric Nestler "New Insight into the Neurobiology of Depression"

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

This will be the nineteenth and twentieth 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. held at Boston Latin School in Boston on November 22, 2009 garnered attendance of 76 undergraduates, 15 graduates, and 22 faculty who participated with 37 poster presentations.

Our spring meeting was hosted with Hunter College in New York City on April 24, 2010. We had a strong trainee presence with 220 undergraduates, 75 graduates, 22 high school students, and 56 faculty who participated in 67 poster presentations.

The progress and outcomes of the recent annual N.E.U.R.O.N. conferences will be presented 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/>

This year, our fall meeting is moving to Quinnipiac University in Hamden, CT, with the goal of attracting new students and faculty to the meeting; while our spring conference will again be at Hunter College. 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 the Upcoming Meeting

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
10-11:30 Welcome, Keynote Address: Dr. Tracey Shors
11:30-1 Poster Session, Lunch
1:00-2:30 Workshops/Mentoring discussion lunches
Brain Primer Program-High School Trainees
2:30-3 Tieman Research Prizes & Business Meeting
1:30-3:30 Workshops will include:

- *Neuroscience and Technology*
- *Brain Primer*
- *Animal and Insect: Beyond the 5 Senses*
- *Writing in Science and creating your CV*

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

All Students must pre-register. Visit: www.albany.edu/neuron/, or contact a person below:

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Local Organizing Committee-Boston:

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**THE NINETEENTH
CONFERENCE at QUINNIPIAC
of**



will be held
Sunday, November 7, 2010
at
**Quinnipiac University,
Hamden, CT**

The keynote speaker will be
**Dr. Tracey Shors
Rutgers University**

will present a talk entitled,

**"Saving Your Brain: How
Learning Keeps New
Neurons Alive"**

**THE TWENTIETH
CONFERENCE at NEW YORK
CITY of**



will be held
Sunday, April 10, 2011
at
Hunter College, NYC, NY

The keynote speaker will be

**Dr. Dolores Malaspina
New York University
Langone Medical Center**

will present a talk entitled,

**"Sex Differences: From
Germs Cells to Brain Cells"**

Locations: N.E.U.R.O.N. is now held twice each year, once in New York City and will be in Hamden, CT in the fall, to increase diversity and enhance integration between neuroscientists within and between these cities. The 2010 NEURON conferences will be at Quinnipiac in Hamden, CT on November 7, 2010 and CUNY-Hunter in New York City on April 9, 2011.

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 Quinnipiac(370 Bassett Road, North Haven, CT)



From New York City and west: Follow I-95 North to New Haven. Merge onto I-91 North (toward Hartford) and follow for 8.6 miles. Take Exit 12 (Washington Ave.) and turn right onto Route 5/Washington Ave., and follow for 1.5 miles. Turn right on Bradley Street. Continue straight through the Bassett Road intersection. The entrance to campus is directly

ahead. **From Boston:** Take I-91 South to Exit 10 (Route 40). Follow Route 40 approximately 3 miles to its end (at Whitney Avenue). Turn right onto Whitney Avenue (Route 10) and proceed north for 1.4 miles. Turn right onto Mount Carmel Avenue and go 0.3 miles to campus. **From western Connecticut and upper New York State:** Take I-84 to Exit 26. At end of exit, bear right on Route 70 toward Cheshire. Continue on Route 70 to Route 10. Turn right on Route 10 and go about 7 miles to Mount Carmel Avenue. Turn left onto Mount Carmel Avenue and go 0.3 miles to campus.

Accommodations: A reasonable nearby hotel is Comfort Inn and Suites, 900 E Main St, Meriden, CT, 06450, 866-539-0036

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