
BC UNDERGRADUATE NEUROSCIENCE EXPRESS

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About this Newsletter:

We are pleased to present the inaugural edition of the BC Undergraduate Neuroscience Express. This newsletter will be sent to you periodically to keep you updated about BC Neuroscience Interest Group meetings, events and learning opportunities, new developments in our education and research programs, and related neuroscience information. We hope that in this way you will continue to be involved and informed. This issue contains an overview of our kick-off event, summer activities, colloquia, websites, announcements, and more. We encourage your feedback as to what you would like to see in future issues. Enjoy the newsletter!

We would like to thank everyone who attended our first official BC Undergraduate Neuroscience Interest Group meeting held on March 8. We hope you enjoyed the fascinating talk delivered by our special invited international guest, Dr. Rolf Müller. Dr. Müller spoke about his research that maps the ways different bat ear shapes interact with the range of sounds a bat can hear. We learned that bat ears have an incredible range of design and that researchers have developed new methods, which can predict the acoustic properties of these natural biosonar antennae.

Renderings of shape representations reconstructed from computer-tomographic scans of bat ears (and one nose, shown in the center).



SUMMER OPPORTUNITIES FOR NEUROSCIENCE STUDENTS

We want to pass along some information that may be useful as you plan your summer activities. Below you will find some links to websites with available summer neuroscience programs, many of which offer financial support. We have not examined these in detail, so please think of this as a cursory review of what's out there. We encourage you to obtain more information about programs of interest prior to applying. We are available to discuss specific placements with you as you gather information and make selections.

(1) The American Physiological Society Undergraduate Summer Research

Fellowships: <http://www.the-aps.org/education/ugsr/SumResLINKs.htm>

(2) Neuroscience Internship

Opportunities (includes NYC and NIH):

<http://www.psych.westminster.edu/psybio/internops.htm>

(3) Summer Internships in the Neurosciences:

<http://www2.cedarcrest.edu/academic/bio/kfritzgerald/neuroscience/internships.html>

(4) Summer Undergraduate Research Programs:

<http://www.aamc.org/members/great/summerlinks.htm>

(5) Summer Honors Undergraduate Research Program, specifically for students belonging to minority groups:

<http://www.hms.harvard.edu/dms/diversity/shurpintro.html>

(6) NYU Center for Neural Science Summer Research:

<http://www.cns.nyu.edu/undergrad/surf/>

(7) Summer Internships at the Weizmann Institute:

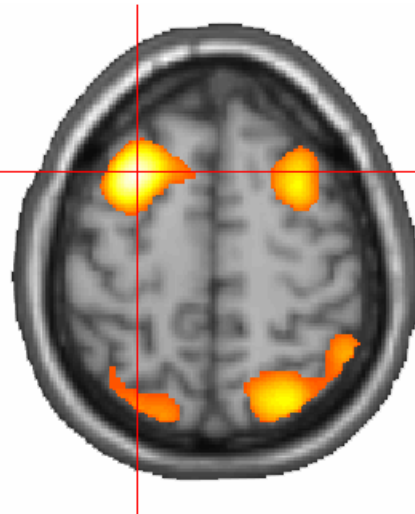
<http://www.yu.edu/faculty/babich/Summer%20Internships/Summer%20Internships%202007.pdf>

(8) Albert Einstein College of Medicine Summer Undergraduate Research Program:

<http://www.aecom.yu.edu/phd/summer.htm>

(9) Wayne State Summer Undergraduate Research Fellowship (SURF):

<http://www.med.wayne.edu/physiology/SURF/SURF.htm>



COLLOQUIA & SCIENCE DAYS

There are a variety of local colloquia series on Neuroscience related topics at BC, the broader CUNY system, and NYC area. We have listed a few here and we encourage you to explore further opportunities.

- (1) BC Psychology Department Colloquia Series:
<http://dephome.brooklyn.cuny.edu/psych/events.htm>
- (2) BC Psychology Department In-House Convention:
A full-day event held on **Thursday, March 19th** in James Hall room 5117. PLEASE ATTEND!
- (3) Brooklyn College Science Research Day:
<http://www.brooklyn.cuny.edu/bc/spotlite/news/index.php?link=042705>
- (3) NYU Neuroscience Colloquia:
<http://www.cns.nyu.edu/colloquia/>
- (4) NYU Science Focus Day:
<http://www.cns.nyu.edu/events/special/science-focus-day.php>

ADDITIONAL WEBSITES OF INTEREST

- (1) Clinical Neuroanatomy for Undergraduates:
http://www.fas.harvard.edu/~bok_cen/sfn/2005/Duke.pdf
- (2) Neuroanatomy & Neuropathology on the Internet:
<http://www.neuropat.dote.hu/anatomy.htm>
- (3) Society for Neuroscience:
<http://www.sfn.org/>
- (4) International Neuropsychological Society:
<http://www.the-ins.org/>
- (5) National Institutes of Health:
<http://www.nih.gov/>

*** IF YOU LEARN OF ANY PROGRAMS, OPPORTUNITIES, COLLOQUIA AND THE LIKE THAT MAY BE OF INTEREST TO OUR GROUP, PLEASE FORWARD THE INFORMATION TO DRs. RABIN OR WALDER AND WE WILL DISTRIBUTE.

IMPORTANT ANNOUNCEMENTS

- Drs. Walder & Rabin will hold an Undergraduate Neuroscience Interest Group Office Hour on **Monday, April 16th at 9:30a.m. in James Hall, Suite 5303.** Please attend and bring your questions!

UPCOMING EVENT

JOIN US FOR A TALK & GUIDED LAB TOUR

Distinguished Professor Anthony Scalfani

Feeding Behavior & Nutrition Research Lab

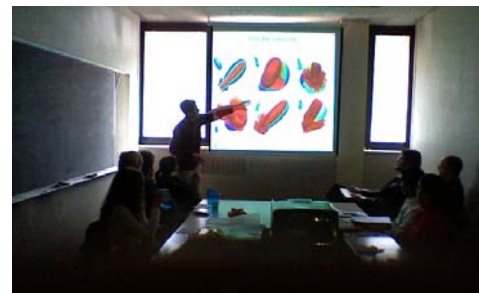
Room 5109 James Hall

Thursday, April 12th at 1:30p.m.

For more information about Dr. Scalfani visit:

<http://academic.brooklyn.cuny.edu/userhome/psych/asclafan/index.htm>

PICTURES FROM OUR FIRST MEETING



Shown Above: Dr. Rolf Müller speaking to members of the BC Undergraduate Neuroscience Interest Group

NEUROSCIENCE IN THE NEWS

- (1) Link to "Research News from the Cutting Edge of Neuroscience" <http://www.neurosciencenews.com/index.htm>
- (2) What makes the human brain unique? Researchers are coming up with new answers to that question as they shift their focus from large-scale brain structures to individual neurons and their complex wiring.

ARTICLE – M. Balter, "NEUROANATOMY: Brain Evolution Studies Go Micro," *Science*, March 2007, Volume 315, pp: 1208-1211. <http://www.jstor.org.ez-proxy.brooklyn.cuny.edu:2048/journals/00368075.html>

TO CONTACT US

Feel free to give us your feedback and let us know if there are specific topics you would like us to address in future editions of this newsletter.

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