

Carnegie Mellon - University of Pittsburgh Joint Summer Undergraduate Program in Computational Neuroscience

Undergraduates interested in receiving research training in computational neuroscience are encouraged to apply to an NIH-sponsored summer program at the Center for the Neural Basis of Cognition in Pittsburgh. The Center for the Neural Basis of Cognition is a joint interdisciplinary program of Carnegie Mellon University and the University of Pittsburgh. The 2014 program will *tentatively* run from May 27 through August 1, 2014. The final deadline for application is Feb 11. All participants must be United States citizens or permanent residents, must be enrolled at a 4-year accredited institution, and must be in their sophomore or junior year at the time of application. Any undergraduate may apply, but we are especially interested in attracting students with strong quantitative backgrounds with some experience in calculus, statistics and/or computer programming. Experience in neuroscience is not required. Students from groups underrepresented in the sciences are encouraged to apply.

The core of the program is the opportunity to carry out an individual mentored research project working closely with a faculty mentor. Other aspects of the scientific program include: 12 faculty lectures on computational neuroscience at the beginning, followed by student presentations and discussion of articles from the scientific literature, presentations on career options and scientific ethics, and a concluding symposium in which students present their research.

Application form is available at:

<http://www.cnbc.cmu.edu/summercompneuro>

Application can be returned via email or regular mail (see addresses below).

In addition to the application, the following items are required for evaluation:

- * A brief (one page) essay about your interest and experience in neural computation.
- * Official transcript from the institution you are attending
- * Two letters from professional references. You should contact your recommenders and ask them to mail or email a letter directly to us.
- * SAT/ACT scores (do NOT have to be official; photocopies are acceptable)

Documents should be mailed to:

Computational Neuroscience Summer Program

Center for the Neural Basis of Cognition

Carnegie Mellon University

4400 Fifth Avenue

Suite 115

Pittsburgh, PA 15213-2617

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