



Neuroscience Research Experiences for Undergraduates (REU)
Brooklyn College of the City University of New York
 Funded by the National Science Foundation

Application Information

Brooklyn College seeks talented undergraduate students from (but not limited to) historically disadvantaged groups to take part in a semester-long, scientific research training program in neuroscience. Through funding from the National Science Foundation (NSF), 12 students are selected each year to engage in a 15-week, intensive, innovative mentored research experience in clinical, cognitive or behavioral neuroscience that involves: (1) carrying out an independent research project under the supervision and guidance of a Brooklyn College REU faculty mentor; (2) participating in scholarly didactics; (3) completing scientific ethics training; and (4) disseminating research results in poster form at the end of the term. Students are expected to participate and train in the REU program as members of their identified mentors' labs, which will require giving presentations, aiding in on-going research experiments, and other laboratory activities. In addition to provision of hands-on training and research experience, formal discussion of professional issues will help students explore career paths and prepare for graduate school applications (e.g., taking the GREs, soliciting letters of recommendation, writing personal statements, preparing resumes).

To successfully complete this program, students will devote 12-15 hours/week to laboratory research on-site at Brooklyn College and 5 hours/week to didactic seminars. REU students are awarded a stipend of \$3,100 to compensate for their hours of laboratory work and to cover expenses such as travel, research materials, and books.

To be eligible, students must fulfill all of the following requirements by the start of the REU program:

- be a U.S. citizen or non-citizen permanent resident
- be enrolled as a full-time student at a public college or university in the New York metropolitan area (including SUNY programs and institutions in New Jersey), leading to a baccalaureate or associate degree
- have completed the following courses: Introductory Psychology; Biological Psychology, Neuropsychology, Neurobiology or Physiological Psychology; and Experimental Psychology or Research Methods (or an equivalent),
- have at least sophomore standing (i.e., completed 24 college credits)
- have an overall GPA of 3.3 or higher
- have at least one semester of undergraduate school remaining before graduation after the current semester (eligible applicants should not be a graduating senior),
- and be able to arrange a class schedule so that only a maximum of two courses from his or her home institution are taken concurrently with the REU program. (Special exceptions can be made under extraordinary circumstances. Please contact us if this is a concern.)

Although all eligible students are welcome to apply, we especially encourage applications from students who are members of underrepresented groups in the Science, Technology, Engineering and Mathematics (STEM) disciplines, which include but are not limited to:

- students who are racial/ethnic minorities, first-generation college students, women, and veterans
- students who have experienced educational or economic disadvantage or other personal circumstances that may have impeded their transition to the next stage of training towards a science career.

In addition to submitting the application provided below, students must submit the following by U.S. mail:

- Official transcripts from all college-level institutions enrolled in to date
- Two academic letters of reference. Please ask your recommenders to use our Evaluator's Form, downloadable from our website:
 - <http://www.brooklyn.cuny.edu/web/academics/schools/naturalsciences/undergraduate/psychology/research/reu.php>
- Resume/Curriculum Vitae

The dates for our Spring 2013 Neuroscience REU program are **January 27, 2014 - May 16, 2014**.

The application deadline is October 1, 2013. (We encourage submitting your application early!)

Please send all materials to:

Susan Y. Chi, NSF Neuroscience REU Coordinator
Brooklyn College, Department of Psychology
2900 Bedford Avenue
Brooklyn, NY 11210

If you have questions, please email: schi@gc.cuny.edu.

All applicants will be notified of their acceptance status by December 3, 2013.

Please note: those admitted to the program will be required to gain medical clearance as required by Brooklyn College:
<http://www.brooklyn.cuny.edu/web/about/offices/studentaffairs/offices/healthprograms.php>

For more information and to view Brooklyn College REU faculty mentors, please visit our website:
<http://www.brooklyn.cuny.edu/web/academics/schools/naturalsciences/undergraduate/psychology/research/reu.php>



**Neuroscience Research Experiences for Undergraduates (REU)
Brooklyn College of the City University of New York
Funded by the National Science Foundation**

Application Form

(Please write or type into form)

Contact information

Applicant Name: _____

Applicant's Institution: _____

Home Address: _____

Telephone number: _____

Primary email address: _____

Education

What is your anticipated graduation date? _____

What is your college major? _____

What is your current overall GPA? _____

What is your current major GPA? _____

For each course listed below, please report the grade earned and year in which you completed the course.

If you have not taken a specific course, please check "Not taken".

	Grade Earned	Semester/Year	Not
Taken			
Introductory or General Psychology	_____	_____	_____
Biological or Physiological Psychology	_____	_____	_____
Neuropsychology or Human Neuropsychology	_____	_____	_____

	Grade Earned	Semester/Year	Not
Experimental Psychology/Research Methods	_____	_____	_____
Psychology Statistics	_____	_____	_____
Equivalent of an Above Course	_____	_____	_____

What other psychology or neuroscience-related courses have you completed? (list no more than four)

Title of course	Grade	Semester/Year
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Are you interested in pursuing a graduate degree? Yes____ No ____

If Yes, circle one of greatest interest: M.A.____ Ph.D.____ M.D.____ Other _____

Identified Mentor

Please list the names of faculty members with whom you would like to carry out your research. Faculty members are listed on our website:

<http://www.brooklyn.cuny.edu/web/academics/schools/naturalsciences/undergraduate/psychology/research/reu/faculty.php>

First Choice Mentor: _____

Second Choice Mentor: _____

Third Choice Mentor: _____

Demographics

What is your date of birth? _____

What is your gender? _____

With which racial/ethnic group do you most identify?

_____ American Indian or Eskimo

_____ Black (not Hispanic)

_____ Asian

_____ White (not Hispanic)

_____ Hispanic

_____ Other (please describe)

Are you a first generation college student (first member of your family to attend college)? Yes ____ No ____

Are you a U.S. veteran? Yes ____ No ____

Are you a U.S. citizen or permanent resident? Yes ____ No ____

Are you able to complete a full 15-week semester as an REU student? Yes ____ No ____

Are you able to spend 16-20 hours a week at Brooklyn College during the Spring semester? Yes ____ No ____

Application Essays

In the spaces provided below, please answer the following three questions (type your responses):

1. What about the field of neuroscience interests and challenges you? You may describe specific research findings or advances in the field that have spurred your interest. (350 words max.)

2. Describe your qualifications for participation in the Brooklyn College REU Program including academic courses, extracurricular activities, volunteer work, and/or research experience. (350 words max.)

3. Describe your educational and career goals and the reasons for pursuing them. (350 words max.)

The application deadline is October 1, 2013. Please submit your materials to:

Susan Y. Chi, REU NSF Neuroscience Coordinator
Brooklyn College, Department of Psychology
2900 Bedford Avenue
Brooklyn, NY 11210