

Center for Behavioral Neuroscience  
@ Georgia State University, Neuroscience Institute  
PO Box 5030  
Atlanta, GA 30302-5030

February 6, 2009

Dear U.S. High School Students,

The Center for Behavioral Neuroscience (CBN) invites you to apply for an eight-week Institute on Neuroscience (ION) in summer 2009. We are looking for highly motivated high school students who have taken at least one college level science course (e.g. AP Biology, Honors Chemistry, etc.). Applicants are required to have at least a B average (3.0 on a 4.0 scale) or the equivalent. Preference will be given to students completing their junior or senior years in spring 2009.

The program begins on June 8 and concludes on July 31, 2009. Scholars are required to be present for the entire eight-week program and may not hold outside employment. The program is divided into two segments. During the first three weeks, an introductory neuroscience curriculum guides student learning through lectures, discussions, readings, and hands-on activities led by faculty and trainees from CBN member institutions. Students also tour research facilities to explore state-of-the-art research techniques, and participate in workshops on topics such as scientific communication, scientific ethics, and careers in neuroscience. During the last five weeks of the program, students engage in a mentored laboratory research project. The introductory curriculum takes place at Emory University, and the mentored research portion takes place at any of the seven CBN member institutions.

ION Scholars are expected to provide their own transportation between their homes and the program site on a daily basis, although reimbursement for MARTA passes or parking expenses can be provided. Scholars are also expected to provide their own meals. Scholars from outside Atlanta need to arrange their own housing for the summer. A stipend of \$1500 will be paid upon successful completion of the program.

Please postmark your completed application by **April 13, 2009**. Your official (registrar sealed) transcript also must be postmarked by that date. Only mailed applications will be accepted; electronic applications (submitted by e-mail) will not be accepted. You must obtain signatures from one of your science teachers and one of your parents (if you are a minor) on your application form, as well as letters of recommendation from teachers, counselors, or other community professionals, as detailed below. A formal interview of potential candidates is required before final acceptance into the program. (Phone interview is arranged for out-of-state candidates.) Applicants will be notified of their acceptance status during the week of May 11, 2009.

Please contact me via e-mail if you have questions. We look forward to your application.

Sincerely yours,

Kyle J. Frantz, Ph.D., Associate Professor, ION Program Director  
e-mail: [kfrantz@gsu.edu](mailto:kfrantz@gsu.edu)



**II. Educational Information:**

Name and City of High School \_\_\_\_\_

Projected Graduation Date \_\_\_\_\_

Cumulative GPA (based on 4.0 scale) \_\_\_\_\_

Provide scores for at least one of the following standardized tests:

**PSAT or SAT Score**

SAT Verbal:

SAT Math:

PSAT Verbal:

PSAT Math:

**ACT Score**

Math:

English:

Science:

Reading:

**III. Activities/Awards:**

How did you learn about the ION program?

\_\_\_\_\_

Are you a member of the Science National Honor Society? \_\_\_\_\_

Name of SNHS Chapter \_\_\_\_\_ Advisor \_\_\_\_\_

Have you participated in an Atlanta Brain Bee? \_\_\_\_\_ If yes, what year? \_\_\_\_\_

Have you participated in a Neuroscience Expo? \_\_\_\_\_ If yes, what year? \_\_\_\_\_

Have you participated in any other event, activity, or program sponsored by the Center for Behavioral Neuroscience? \_\_\_\_\_ If yes, please describe below.

\_\_\_\_\_

Have you participated in a Science Olympiad? \_\_\_\_\_

Year \_\_\_\_\_ Advisor \_\_\_\_\_



#### **IV. Personal Statement**

In 400- 500 words, describe how the Institute on Neuroscience summer research experience will contribute to your educational goals. This statement should be typed, double-spaced, on a separate sheet of paper, and attached to this application.

#### **V. Letters of Recommendation**

Please send two letters of recommendation with your application. They may be signed and sealed by the recommender. Recommenders must be community professionals (e.g. teachers, counselors, community group leaders, etc.), and may not be related to the applicant. One recommendation must be from a science teacher.

#### **VI. Transcript**

Please send an official high school transcript. Your transcript may be mailed separately from your application. Be sure your transcript is postmarked by the application deadline.

#### **VII. Certification**

My signature below affirms that the information contained in this application is true and accurate to the best of my knowledge. *I also affirm that I will be able to provide my own housing in Atlanta for the duration of the program, and arrange for my own meals and transportation, per the regulations of the program.* I grant the program committee the use of my official school transcript when reviewing my application.

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Signature of Applicant Date  
**If you are under 18 years old**, your parent must sign that he or she has read the above statement and approves your application.

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Signature of Parent/Guardian (if applicant in under 18) Date

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Signature of Science Teacher (required for all applicants) Date

**All materials must be postmarked by April 13, 2009.**

All applications must be mailed; we accept hard copies only. Electronic applications (e.g., attached to e-mail messages) will NOT be accepted due to computer security concerns.

**The Institute on Neuroscience Summer Program  
c/o Kyle Frantz, Ph.D., Associate Professor of the Neuroscience Institute  
Center for Behavioral Neuroscience  
Georgia State University  
PO Box 5030  
Atlanta, GA 30302-5030**