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Dear High School Students,

The Center for Behavioral Neuroscience (CBN) and the Science National Honor Society (SNHS) invite you to apply for an eight week Institute on Neuroscience (ION) this summer. We are looking for highly motivated high school students (preference is given to students completing their Junior year) who have taken a college level biology course (AP Biology, Honors Biology, etc.). Applicants are required to have at least a B average (3.0 on a 4 point scale) or the equivalent.

The program will begin on June 14 and conclude on August 6, 2004. Students will be expected to provide their own transportation between their homes and Emory University on a daily basis, although reimbursement for MARTA (public transportation) passes or parking can be provided. Students from outside of Atlanta will need to provide their own housing for the summer. The program will be divided into two sections. During the first three weeks, students learn about neuroscience through lectures, discussions, readings, and hands-on activities by faculty and other investigators from CBN member institutions. Students will also tour neuroscience laboratories where they will learn about various techniques used in neuroscience and participate in programs that focus on topics such as scientific communication, science and society, and ethics in science. During the last five weeks of the program, students will engage in a mentored research project. Students will earn a stipend of \$1,500 upon successful completion of the program.

Please postmark your completed application by **April 19, 2004**. Your official (registrar sealed) transcript must also be postmarked by that date. Only mailed applications will be accepted; electronic applications (for example, 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 minor). A formal interview of potential candidates is required before final acceptance into the program (phone interview for out-of-state candidates). Applicants will be notified of their status with the program by the week of May 17, 2004.

Contact Dr. Kyle Frantz (for state of Georgia students) or Mr. Nelson Totah (for students outside of Georgia) if you have any questions (contact information above).

Sincerely yours,

Kyle Frantz and Nelson Totah

In collaboration with:

Arri Eisen, PhD, SNHS, Emory University (Program Consultant)  
Lee Morris, PhD, Institute for Biomedical Philosophy (Program Consultant)

## Application for the Institute on Neuroscience

Please type or neatly print this application and postmark all materials by the April 19, 2004 deadline.

### I. Personal Data

Name \_\_\_\_\_  
First Middle Last

Date of Birth \_\_\_\_/\_\_\_\_/\_\_\_\_  
Month Day Year

Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip Code \_\_\_\_\_

Home Phone \_\_\_\_\_

Cell Phone \_\_\_\_\_

Email Address \_\_\_\_\_

Sex/Gender \_\_\_\_\_

Race/Ethnicity

What race/ethnicity do you consider yourself to be? Select one or more of the following:

- American Indian or Alaska Native.* A person having origins in any of the original peoples of the North, Central, or South America, and who maintains tribal affiliation or community attachment.
- Asian.* A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands/Pacific Islanders, Thailand, and Vietnam.
- Black or African American.* A person having origins in any of the black racial groups of Africa. Terms such as "Haitian" or "Negro" can be used in addition to "Black" or "African American".
- Hispanic or Latino.* A person of Mexican, Puerto Rican, Cuban, South or Central American, or other Spanish culture or origin, regardless of race. The term "Spanish origin" can be used in addition to "Hispanic or Latino".
- Native Hawaiian or Other Pacific Islander.* A person having origins in any of the original peoples of Hawai'i, Guam, Samoa, or other Pacific Islands.
- White.* A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

## II. Educational Information

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

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

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

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

PSAT or SAT Scores

ACT Scores

SAT Verbal:

Math:

SAT Math:

English:

PSAT Verbal:

Science:

PSAT Math:

Reading:

## III. Activities/Awards

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

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

Have you participated in an Atlanta Brain Bee? \_\_\_\_\_

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

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

Please list all of your Advance Placement, Honors, and College Level science courses:

**Extracurricular Activities (include volunteer activities)**

Please include a separate sheet if necessary.

Name of Activity	Description of Activity	Dates

**Honors and Awards**

Please include a separate sheet if necessary.

Name of Honor/Award	Description of Honor/Award	Date

**IV. Personal Statement**

Describe in 400 – 500 words 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. One must be from a science teacher.

## VI. Transcript

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

## VI. 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.* 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 or guardian 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 is under 18)

Date

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Signature of Science Teacher

Date

**All materials must be postmarked by April 19, 2004.**

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

All applications (from within and outside the State of Georgia) should be mailed to:

The Institute on Neuroscience Summer Program  
c/o Kyle Frantz, PhD, Assistant Professor of Biology  
Center for Behavioral Neuroscience  
Georgia State University  
MSC 8E0698, 33 Gilmer Street SE Unit 8  
Atlanta, GA 30303-3088