

## Center for Behavioral Neuroscience

[www.cbn-atl.org](http://www.cbn-atl.org)

The Center for Behavioral Neuroscience (CBN) is a consortium of seven metro Atlanta, Ga., colleges and universities, including lead institution Georgia State University, Emory University, Georgia Institute of Technology, Morehouse College, Morehouse School of Medicine, Morris Brown College, and Spelman College.

More than 100 neuroscientists lead the research program, along with a cadre of more than 55 graduate students and 25 postdoctoral researchers. All share the goal of understanding the basic neurobiology of complex social behaviors associated with fear, aggression, affiliation, memory and cognition, reproduction, and reward and reinforcement. The CBN also directs a comprehensive education program designed to train the next generation of scientists.

## Science National Honor Society

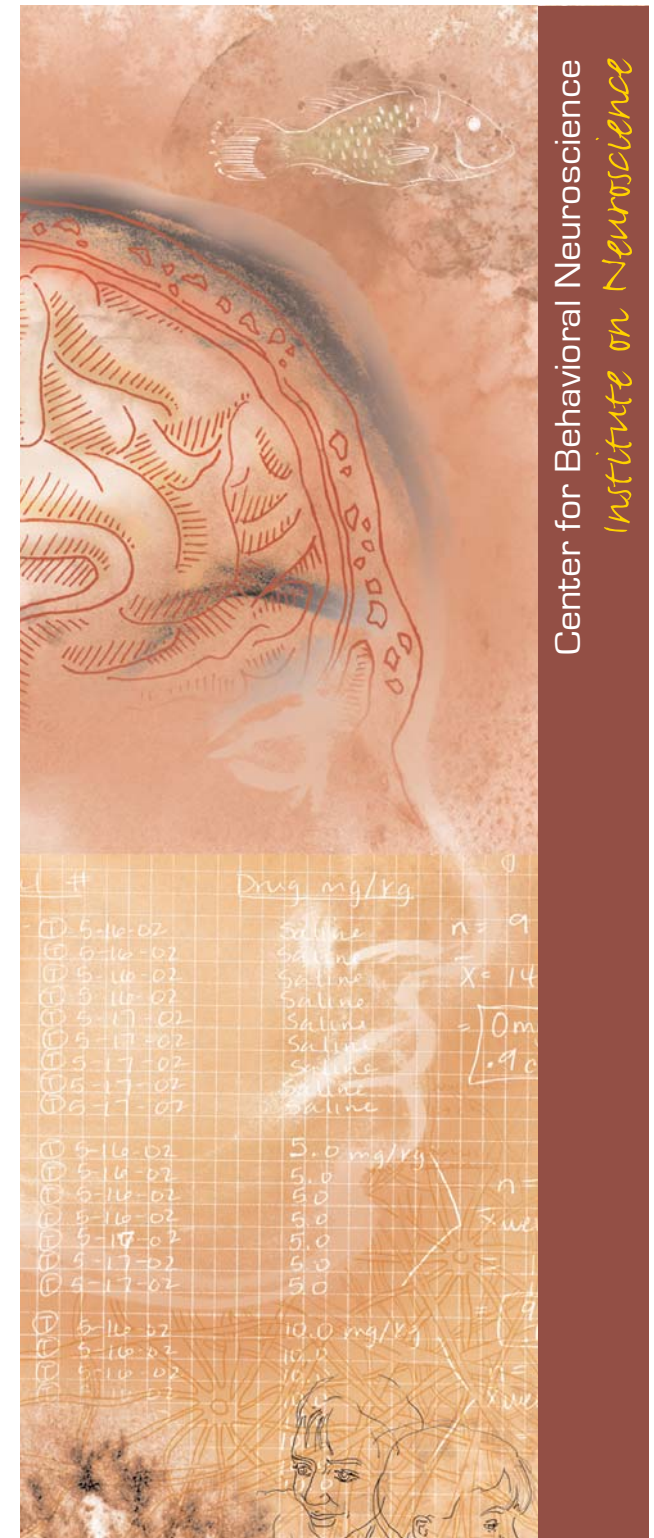
[www.scienceNHS.org](http://www.scienceNHS.org)

The Science National Honor Society, Inc. (SNHS) was a co-founding sponsor of the ION program. The Society was established to encourage and recognize scientific and intellectual thought among high school students, advance their knowledge of classical and modern science and facilitate communication with the scientific community. Through the organization's volunteers, including teachers, scientists and business people, SNHS encourages students to participate in community service and, in turn, fosters a dedication to the pursuit of scientific knowledge to benefit humanity.

If your high school does not have a SNHS chapter, please ask your teacher to contact Nelson Totah at [ntotah@scienceNHS.org](mailto:ntotah@scienceNHS.org) for more information. The \$50 application fee to launch an SNHS chapter will be waived for high schools whose students are successfully accepted to the Institute.



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Center for Behavioral Neuroscience  
Institute on Neuroscience

# Institute On Neuroscience

## About the Institute on Neuroscience

The Institute on Neuroscience is an eight-week summer program, sponsored mainly by the Center for Behavioral Neuroscience (CBN), for high school juniors and seniors who excel in science.

Institute Scholars learn about neuroscience through hands-on activities, discussions and readings directed by faculty members, post-doctoral researchers, undergraduate and graduate students from CBN member institutions (see rear panel). Scholars also visit facilities where they learn about various research techniques, such as positron emission tomography (PET) scanning and electron microscopy. Special workshops throughout the summer focus on scientific communication and scientific ethics, among other topics.

After the introductory curriculum, scholars conduct five-week mentored laboratory research projects at CBN member institutions.

## Schedule and Locations

The Institute is held weekdays from 9 a.m. to 5 p.m. The first three weeks of the program, including orientation, take place at Emory University. Scholars pursue their independent research projects at one of the CBN member institutions. Special events may occur on several Saturdays during the Institute.

## Program Benefits

- Scholars often finish the program excited about neuroscience, with an interest in exploring neuroscience-related academic and professional careers;
- The program provides comprehensive preparation for the pursuit of undergraduate science majors;
- Scholars earn a \$1,500 stipend upon successful completion of the program.

## Eligibility Criteria

- Preference for high school juniors and seniors;
- Grade point average of at least a 3.0 (B average);
- Advanced Placement (or other college level) science courses recommended;
- Scholars must arrange in advance local Atlanta housing and transportation.

## Application Requirements

- Application available at: <http://www.cbn-atl.org/education/ion.shtml>;
- High school transcript;
- Two letters of recommendation.

## Important Dates

- Please check the website: <http://www.cbn-atl.org/education/ion.shtml>; for 2009 program dates.

## Contact Information

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