



EMORY

YERKES
NATIONAL
PRIMATE
RESEARCH
CENTER



Institute on Neuroscience (ION)@Yerkes Summer 2013

The Yerkes National Primate Research Center and Georgia State University in partnership with the Center for Behavioral Neuroscience invite you to apply for the Institute on Neuroscience (ION)@Yerkes, an eight-week paid summer research opportunity. We seek highly motivated middle and high school teachers who are interested in joining cutting-edge neuroscience research laboratories to expand their scientific knowledge and learn methods they will translate into hands-on experiential learning in the classroom.

The program begins June 3 and concludes July 26, 2013. Scholars will be required to attend a lunch on a Saturday in May (specific date TBD) to meet the program mentors. Once the program begins, all Scholars are required to be present for the entire eight-week program and may not be otherwise employed. The program is divided into two segments:

First one-and-a-half weeks – Scholars will participate in an introductory neuroscience curriculum at the Yerkes National Primate Research Center that will include lectures, discussions, readings and hands-on activities. Scholars may 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; and

Next six-and-a-half weeks – Scholars will engage in a mentored laboratory research project. This mentored research may take place at Yerkes, Emory University, Georgia State University, the Georgia Institute of Technology or Morehouse College.

Teacher Scholars will be required to design and develop a lesson plan to be implemented in the classroom, and to serve as a resource for those who want to use the plan. To promote use of the lesson plans and facilitate sustained contact between Teacher Scholars and their research mentors, we plan to offer a follow-up workshop in fall 2013 or spring 2014, and to arrange videoconferencing between Teacher Scholar classrooms and mentor-led lab meetings during the academic year.

We will pay Teacher Scholars for their full-time commitment of 40 hrs/week during the eight-week program. All Scholars are expected to provide their own transportation between their homes and the program sites on a daily basis as well as provide their own meals. We can help arrange housing for Scholars who do not live in Atlanta, but Scholars will be expected to pay for their own housing costs. Scholars must also provide immunization records, negative TB test results within the last six months and negative drug test results.

Please postmark or email your completed application by **March 11, 2013**; details are on the application. We will interview the top applicants before making offers of acceptance into the program. Our goal is to interview applicants at the end of March and extend offers the week of April 8, 2013.

Please contact Devyn Carter at devyn.carter@emory.edu if you have questions. We look forward to receiving your application.

II. How did you learn about the ION@Yerkes Summer Research Program?

III. School Information:

School Name _____

Address of Middle or High School _____

Phone number of Middle or High School _____

School Principal _____

School Profile:

Percent Eligible for free or reduced lunch: _____

Demographics of school (must total 100%):

African-American: _____ Alaskan Native: _____ Caucasian: _____ Hispanic: _____

Native American: _____ Pacific Islander/Asian: _____ Other: _____

IV. Education:

List your degrees obtained or in progress (most recent first). Attach additional pages if needed.

Institution: _____

Major: _____ Degree: _____ Year Completed/Expected: _____

Institution: _____

Major: _____ Degree: _____ Year Completed/Expected: _____

Institution: _____

Major: _____ Degree: _____ Year Completed/Expected: _____

V. Teaching Experience:

How many years have you been teaching? _____ Teaching Science? _____

List each science class you have taught. For each, please include the grade level and number of years taught. Include a separate sheet if necessary.

Science class title: _____ Grade level: _____ Years Taught: _____

Science class title: _____ Grade level: _____ Years Taught: _____

Science class title: _____ Grade level: _____ Years Taught: _____

Science class title: _____ Grade level: _____ Years Taught: _____

Briefly describe your ongoing professional learning experiences.

Have you ever participated in a summer science professional development program before? If so, please describe.

List academic honors, papers, lab techniques and/or computer programming skills you feel will be useful in this summer research experience.

VI. Personal Statement

In no more than 400 words, describe how a summer research experience in neuroscience will contribute to your educational and professional goals, and how you expect this will enhance your science teaching. Please type and double space your statement on a separate sheet of paper and attach it to this application. Please sign the page to indicate your sole authorship.

VII. Letters of Recommendation

Please send two letters of recommendation with your application. Be sure to have the recommenders sign the recommendations.

VIII. 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 can arrange for my own transportation and meals, and am available to work full time every day for the duration of the program.*

Signature of Applicant

Date

All materials must be postmarked or emailed by March 11, 2013. Send your completed information to:

ION@Yerkes Summer Research Program
c/o Devyn Carter
Yerkes National Primate Research Center
Emory University
954 Gatewood Road, NE
Atlanta, GA 30329

OR

devyn.carter@emory.edu