Institute on Neuroscience (ION/Teach)  
Summer 2015

Georgia State University, Emory University, and the Yerkes National Primate Research Center, in partnership with the Center for Behavioral Neuroscience invite you to apply for the Institute on Neuroscience (ION/Teach), an eight-week paid summer research opportunity. We are looking for highly motivated middle and high school teachers who have 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 1 and concludes on July 24, 2015. Scholars will be required to attend a lunch to meet the program mentors on a Saturday in May (specific date TBD). 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 week – Scholars will participate in an introductory neuroscience curriculum 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.

Next seven weeks - Scholars will engage in a mentored laboratory research project. This mentored research may take place at Georgia State University, Emory University, Yerkes, 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 2015 or spring 2016, 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 9th, 2015; 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 in early-mid April 2015.

Please contact Reagan Koski at rkoski1@gsu.edu if you have questions. We look forward to receiving your application.
Teacher Application
ION/Teach
Summer 2015 Research Program

Please type or neatly print your responses. All materials must be postmarked or emailed by March 9th, 2015. Teacher Scholars selected for this program must provide immunization records, negative TB test results within the last six months and negative drug test results.

I. Personal Data:

Name ______________________________________________________

First   Middle   Last

Date of Birth ______/______/____

Home Address____________________________________________________

City_____________________________ State__________ ZIP __________

Home Phone_________________________  Cell Phone________________________

E-mail 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 Americas, and who maintains tribal affiliation or community attachment.

☐ Asian or, Asian American. 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.

☐ African American or of African descent. A person having origins in any of the black racial groups of Africa.

☐ Hispanic or Latino. A person of Mexican, Puerto Rican, Cuban, South or Central American or other Spanish or Portuguese 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.
II. How did you learn about the ION/Teach 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: _______

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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 9th, 2015. Send your completed
information to:

ION/Teach Summer Research Program
    c/o Reagan Koski
    Neuroscience Institute
    Georgia State University
    PO Box 5030
    Atlanta, GA 30302-5030

OR

rkoski11@gsu.edu