Since 2004, the Broad Institute has invited talented undergraduates from diverse and traditionally underrepresented groups to participate in mentored, cutting-edge research in our Summer Research Program in Genomics (SRPG). Designed with the purpose of diversifying the research enterprise, this intensive nine-week program prepares and inspires undergraduates to pursue, commit to, and succeed in, biomedical science and research careers. Working side by side with leading scientists, students learn what it takes to make an impact in science and are encouraged to think boldly about their ambitions. To date, SRPG has served over 65 students who continue to make amazing contributions to science.

**SRPG IMPACT**
- Over 85% of previous participants are enrolled in graduate studies or working in biomedical research.
- Over 30 awards won at national and international meetings.
- Participants awarded prestigious fellowships for graduate study including: the Rhodes Scholarship, HHMI Gilliam Fellowship, and Fulbright Fellowship.
- Seven undergraduates have published their summer research in peer-reviewed journals, one as first author.

**PARTICIPANTS WILL**
- Gain hands-on lab or computational experience and contribute to the advancement of science
- Participate in networking activities, including a weekly scientific communication course
- Participate in weekly faculty-led seminars and workshops about careers in research, graduate school admissions, and fellowships
- Give both poster and oral presentations at the Broad and MIT

**ABOUT THE BROAD INSTITUTE**
The Broad Institute is a deeply collaborative community with more than 150 faculty and more than 1,500 scientists from across MIT, Harvard and the Harvard-affiliated hospitals working together to solve the most critical challenges in biology and medicine. To learn more about the Broad Institute, visit [www.broadinstitute.org](http://www.broadinstitute.org)

Eligible Broad summer research areas:
- Cancer Biology
- Chemical Biology
- Computational Biology
- Genome Sequencing and Analysis
- Infectious Disease
- Metabolic Disease
- Medical and Population Genetics
- Psychiatric Disease

**2014 PROGRAM DATES**
June 8, 2014 – August 8, 2014

“**As a member of the Broad Summer Research Program in Genomics, I have encountered first-hand the power of genomic approaches to the treatment of disease, and I cannot imagine conducting any other type of research. Knowing that my findings may later translate into much-needed drugs has helped me keep things in perspective...this research matters.**”

— Javier Pineda, SRPG 2012

“**Being at the Broad gave me an in-depth view of cutting-edge research. I enjoyed playing a vital role in my research project and becoming a part of the Broad community. This has played a crucial role in continuing my research career.**”

— Luke Yancy, Jr., SRPG 2008
FREQUENTLY ASKED QUESTIONS

What if I have never done research before?
The SRPG is open to undergraduates with or without previous research experience. All applicants should be able to demonstrate a strong interest in doing investigative work in genomics or biomedical research.

How are research projects and faculty mentors assigned?
Research projects/mentors are assigned based on the research interests, skill sets, and level of experience of each student. Students will have the opportunity to describe these thoroughly in their application.

Where can I learn more about the experience and research areas of previous students?
Students can learn about former participants’ research experience on the SRPG website.

What is required to apply for the program?
Electronically signed application with personal and current/previous education information, statement of summer program and educational objectives, two letters of recommendation, transcript(s), and resume.

Will I have responsibilities outside of the research experience?
Yes, students are expected to fully engage in all research activities including group meetings and journal clubs with their mentors, as well as all activities organized by program staff. We seek to foster a community of undergraduate researchers who are passionate about science and research. This can only be accomplished with the full participation of all SRPG participants.

How do I get more information about the program and who should I contact with questions?
Visit www.broadinstitute.org/diversity/srpg or contact Eboney Smith, diversity@broadinstitute.org, 617-714-7916

ELIGIBILITY
This NHGRI-funded research opportunity is used to support undergraduates who are underrepresented minorities. These are individuals from underrepresented racial and ethnic groups, which includes American Indians or Alaska Natives, blacks or African Americans, Hispanics or Latinos, Native Hawaiians or Other Pacific Islanders; and individuals with disabilities. Applications will be accepted from undergraduates enrolled in four-year colleges and universities in the U.S., Puerto Rico and other U.S. Territories. Applicants must also meet the following criteria:
• An interest in pursuing graduate school (Ph.D. or M.D.-Ph.D.)
• U.S. citizen or U.S. permanent resident
• Freshman, sophomore, junior or non-graduating senior
• Majoring in physical, biological, or computer sciences, engineering or mathematics
• Cumulative GPA of 3.0 or above (on a 4.0 scale)

COMPENSATION
Participants will receive a competitive $4,250 stipend (taxable); housing at MIT; travel to and from Boston; travel sponsorship to a national conference to present summer research; academic and career guidance; time to explore Boston area, as well as organized social events.

TIMELINE
Online application available
February 3, 2014 – March 7, 2014
Applications reviewed
Participants selected
Notifications sent early March
June 8, 2014
Students arrive
Summer program begins
June 9, 2014
Broad orientation
July 2014
Abstract and travel award application to SACNAS
August 4 – 8, 2014
Poster session at Broad
Oral presentation at Broad
Poster session at MIT
Program ends
August – September 2014
Abstract and travel award application to ABRCMS

HOW TO APPLY
The SRPG application is available online and must be submitted by January 31, 2014.

“My experience at the Broad was dynamic in all dimensions. The breadth of creativity and collaboration will capture you. The Broad is special and having the opportunity to conduct phenomenal research here was certainly unforgettable!”
— Joyce Ohiri, SPRG 2011