WASHINGTON UNIVERSITY

Washington University in St. Louis is recognized as a preeminent research and education institution. The University provides the education, leadership and supportive environment that future scientists need as they prepare to solve emerging biological and biomedical problems. Come and take part in the tradition of academic excellence as a Neuroscience Pipeline scholar at Washington University.

WU SUMMER EXPERIENCE

The Division of Biology and Biomedical Sciences (DBBS) administers the Pipeline program along with a number of other summer research experiences at Washington University. As such, Neuroscience Pipeline participants will not only be engaged intellectually and socially with fellow Pipeline students, but with peers in other programs. Participants will have an opportunity to explore St. Louis and participate in social activities, such as pizza nights, concerts and Cardinals baseball.

The BP-ENDURE St. Louis Neuroscience Pipeline program is made possible by support from the National Institute of Neurological Disorders and Stroke (NINDS).

Neuroscience Pipeline Program at Washington University in St. Louis

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The St. Louis Neuroscience Pipeline is an NIH funded Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (BP-ENDURE). The Pipeline program is designed to engage exceptional individuals interested in science careers in the lab and in the classroom at one of the top research institutions in the nation. Students will carry out an independent research project under the mentorship of faculty at Washington University in St. Louis while also working with outstanding faculty mentors at their home institutions. The goal is for the participant to pursue a Ph.D. or M.D./Ph.D. in the neurosciences or a related field.

**THE PIPELINE CURRICULUM**

The St. Louis Neuroscience Pipeline is a unique and intensive program that aims to prepare students for graduate-level research. The program is a full year commitment with both summer and academic year components. In the summer, participants will be introduced to the fundamentals of neuroscience in a week long course entitled “The Teen Brain.” Additional summer programming includes research seminar series, a scientific writing course, MCAT/GRE preparation, a neuroscience journal club and a workshop on getting into graduate school. During the academic year, students will analyze neuroscience research seminars in the one-credit “Neuroscience Futures” course either in person or via video conference. Participants are also expected to continue independent research at their home institutions in the fall and spring. Additionally, the Pipeline program funds a second summer at Washington University or another research-intensive school.

**PROGRAM DATES**

May 30, 2017 - August 5, 2017

**APPLICATION PERIOD**

November 1 - February 1 annually

**PROGRAM BENEFITS**

- Conduct independent research with outstanding faculty mentors
- Individualized career counseling
- GRE/MCAT preparation
- Free Metro pass for travel throughout St. Louis
- $5,000 stipend
- Free travel to and from St. Louis
- Summer housing provided
- Full support to attend up to two scientific conferences per year, including the Society for Neuroscience meeting
- Have fun interacting with neuroscientists

**REQUIREMENTS**

- Perform two summers of full-time research, including one summer at Washington University
- Attend all program events, seminars and workshops
- Present a poster of your research findings at our closing symposium and at a professional conference
- Participation in “Teen Brain” (summer) and “Neuroscience Futures” (academic year) courses
- Continued independent research at home institution during the academic year
- Attend Society for Neuroscience annual meeting
- Mentor during “Brain Bee” outreach project

**ELIGIBILITY**

- Must have an interest in pursuing a Ph.D. or M.D./Ph.D.
- Must be enrolled in a U.S. undergraduate program; however, all levels of undergraduates are eligible and prior research experience is not required.
- Must be a U.S. citizen or permanent resident.
- Individuals from low income, first generation college backgrounds and groups traditionally underrepresented in science (African Americans, Native Americans, Hispanic Americans, Pacific Islanders, women and students with disabilities) are especially encouraged to apply.