



Brooks School
1160 Great Pond Road
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Students on the Forefront of Science

The Students on the Forefront of Science Program is an initiative developed by the Science Department at Brooks School. The goal of the program is to provide rising sixth-formers (between junior and senior year) with innovative experiences that will expose them to research, technology, and advanced studies in the sciences. It is our strong belief that a hands-on research opportunity in a lab or field setting will best encourage students to continue in the field of science. Recipients, selected through a competitive application process participate in this summer undertaking provided by the Students on the Forefront of Science program.

The science department takes pride in the accomplishments and passion displayed by these young men and women. By allowing students to see scientific disciplines in a different context outside of the classroom setting, they return with a thorough grasp of the material and a mature sense of purpose in the lab. The program owes much of its success to the commitment and support provided by individuals at each host institution, who offer the necessary supervision on a daily basis. Many of these researchers and professionals maintain ties to Brooks, being alumni or parents themselves.

This past summer Brooks School students participated in internships at New England Medical Center, Massachusetts General Hospital, Brigham and Women's Hospital, the Quebec Labrador Foundation and Apple Computer. The internship at Tufts Medical Center partnered Claire McCabe '18 with Dr. Charles Cassidy. Dr. Cassidy is a Brooks alum who is board certified in Orthopedic Surgery and specializes in hand, elbow and upper extremity surgery, upper and lower extremity trauma reconstruction, and management of acute skeletal trauma. Isabella O'Shea, Madison Dunn, and Diane Lee all class of 2018 worked with researchers and clinicians in the Perioperative Medicine division at Massachusetts General Hospital. These internships are research-based internships that also include a day per week observing surgery. These internships are graciously offered with the help of Dr. Peter Dunn, Brooks School alum, who is the Executive Medical Director of Perioperative surgery at MGH. Jameson Lehrer '18 spent four weeks in Newfoundland Canada working on marine bird conservation research in association with the Quebec Labrador Foundation (QLF). These internships are graciously offered through the help of Larry Morris, former Brooks School parent and current QLF President and CEO Beth Alling. Melany Blanco '18 spent her summer working in the Psychiatric Neuroimaging Lab at Brigham Women's Hospital looking at brain MRI's from normal and schizophrenic patients. We also sent four students to Apple Computer in Cupertino California. These students worked along side engineers on a number of different projects. As part of the program students were housed on a local college campus.

If you are interested in more information regarding this program, please visit our website <http://www.brooksschool.org/academics/students-on-the-forefront>. Questions can be directed by email to Dr. Mary Jo Carabatsos the dean of teaching and learning and program coordinator (mcarabatsos@brooksschool.org).