

# THE WINSTON CHURCHILL FOUNDATION OF THE UNITED STATES

## THE CHURCHILL SCHOLARSHIP THE BIOLOGICAL AND PHYSICAL SCIENCES ENGINEERING                      MATHEMATICS

The Churchill Scholarship provides one year of support for a postgraduate degree in the sciences, engineering, and mathematics at the University of Cambridge. The Scholarship covers all University and College fees (approximately £11,000-£13,000), a living allowance (£10,000 -£12,000), a travel and visa allowance (up to \$1,300), and the possibility of a Special Research Grant (\$2,000) for a total of \$33,000-\$42,000 (depending on the exchange rate). Fields include, but are not limited to, Astronomy, Biochemistry, Biological Anthropology, Chemistry, Clinical Biochemistry, Clinical Genetics, Computational Biology, Computer Science, Earth Sciences and Geography, Engineering, Epidemiology, Genetics, Mathematics (Applied, Theoretical, and Statistics), Pathology, Pharmacology, Physics (Experimental and Theoretical), Physiology, Development, and Neuroscience, Plant Sciences, Translational Medicine and Therapeutics, and Zoology. Most programs in the sciences and engineering are *research* degrees with a thesis and oral examination; applicants should seek appropriate placement in a laboratory before applying. The programs in theoretical and applied mathematics, including theoretical physics, have lectures and final written examinations.

What Churchill Scholars have said about their year of study, research, and living at the University of Cambridge:

*It was the best year of my life.*

There are many reasons why a scientist should study at the University of Cambridge. Intellectually there is much to be gained from having an in-depth scholarly experience within a foreign academic culture: I learned the value of carefully planning experiments and of continually pausing to reflect upon the results, and I became more confident about my ability to pursue independently the answer to a scientific question. I found that I learned even more outside of the laboratory. The chance to join a truly international community of scholars and to encounter different points of view through casual conversations is invaluable.

I learned a great deal this year as a scientist, a student, and an individual. It has been very inspiring to be around so many other scientists from different fields and different countries, and to be studying with some of the best researchers in the world. Definitely a life-changing experience!

*My year in Cambridge was a transformative experience.*

The Churchill Scholar experience completely opened my eyes to new horizons in all aspects of life. Intellectually, I explored the application of mathematics to new and exciting areas. Personally, I reinvented myself, having moved to a new continent where I would find countless new friends. Culturally, it was my first opportunity to experience living in a new culture as a foreigner, which showed me new perspectives on my own culture. Socially, I was surrounded by brilliant scientists, doctors, lawyers, philosophers, mathematicians, engineers, and artists: many would become life-long friends.

To coin a geologic phrase, Cambridge literally rocked my world. I learned more about research, rowing, and myself than I thought possible in such a short amount of time. This experience was extremely beneficial to my academic career, because I learned cutting-edge techniques, and I was inspired by the intense curiosity with which my fellow researchers pursued scientific questions.

*The year was life-changing!*