

# OXFORD, ENGLAND

## JIA HUI KHOO

**Program:** Worldwide Internship Program, Experience (SCORE), Summer

**Jia Hui's Major:** Microbiology

**Academic Life:** The SCORE program provides students with opportunity to conduct a summer research project along with a faculty member / lab member of the university. Participants conduct full time research in the Department of Biochemistry (so there is no actual "classroom experience"). During the program, I learned a lot of useful lab techniques such as secretion assay, SDS-PAGE gel, cloning, microscopy etc. I learned a lot of background information about the research topic by reading scientific journals and communicating with my mentor. I also took an online class (IS320) during my internship. All the students in the class were UW-Madison's students who were enrolling in an internship abroad or in a study abroad program. Each of the students in the class shared their own experience in a foreign country by posting field notes on Learn@UW every week. Communication with the instructor and students were mostly through Skype and online discussion forums.

**Jia Hui's Internship:** I worked in the Armitage Lab during my research internship. The lab was located at the lower ground floor of the beautiful New Biochemistry building in University of Oxford. Under the guidance of Dr. Andreas Diepold, a post-doc in the lab, I conducted a summer project focused on the Type 3 Secretion System (T3SS) of *Yersinia*. More specifically, we were trying to investigate the effect of proton-motive force on *Yersinia* injectisome function and cytosolic proteins localization. I learned a lot of different lab techniques that were important in Microbiology. I also gained a lot of knowledge on the organism / bacterium that I was working on.

**Benefits For Future Career Aspirations:** This experience provides a valuable networking opportunity with the faculty and lab members working there. The SCORE program was also a great start for me to explore the Masters and PhD programs available in UK.

**Advice for Someone Considering Studying Abroad:** It's important to stay open-minded while studying abroad. Often, it can be easy for us to be judgmental and ignorant to cultures that are



Jia Hui at the Radcliffe Camera at Oxford University.

**“I now have a different perspective on the world.”**

