

## **International Programs**

UMaine has partnered with GlobaLinks Learning Abroad to offer the EuroScholars program to our students. The EuroScholars Research Abroad Program is a **unique study abroad opportunity** hosted by a group of internationally renowned European Research Universities. The EuroScholars program is designed for advanced undergraduate students looking for an international research experience. This program is a very good fit for Honors students. All academic fields are available.

Europe has a long and rich tradition of academic, hands-on research. Students will undertake one or two subjects in the classroom and then work under the direct supervision of professors and other academic staff on a specific academic research project chosen by both the student and faculty.



Cat Ahlberg, Biochemistry major/Honors College at Karolinska Institute, Sweden, Spring 2013

There are an abundance of academic research projects in a variety of fields to choose from within the participating universities. EuroScholars is a once in a lifetime opportunity to become familiar with the European academic culture and to investigate your potential in a future research career while enjoying the value of study abroad as an undergraduate student.

## Why do a research abroad program?

Graduate school is getting more and more competitive every year. Research experience during an undergraduate career is becoming a standard entry requirement or expectation for many graduate programs. With a research abroad program, you can gain unparalleled experience to launch your career in research or academia, and enjoy immersion into a foreign culture, which fosters an endless number of skills to complement your academic success.

The research abroad program is tailored to highly motivated, high achieving students. The program aims to challenge you in conducting original research at the cutting edge of human knowledge and promote interactions with scholars through an immersion in the research environment.

Upon successful completion of the research abroad program, you will have key skills required to get into even the most competitive graduate school programs around the world. You will learn about scientific reasoning, research methods, theoretical principles related to the research area, and scholarly communication. By finalizing the results of your research project in a paper of publishable quality, you will also have improved your writing and presentation skills.

## **Student Voices:**

"I have loved my time as a EuroScholar in Leiden. Leiden is a beautiful student city that seems to be close to everything in the country. When I arrived I was instantly welcomed by everybody whom I was going to work with. The entire faculty is very helpful and supportive. I was given the opportunity to design a project with my direct supervisor and run it with other colleagues. In this experiment we used a tDCS (transcranial direct current stimulation), a non-invasive electrical based technique, to stimulate different regions of our participant's brains while they completed different response inhibition tasks. The aim of the experiment was to see whether the particular stimulation to the parietal lobe or dorsolateral prefrontal cortex increased their cognitive ability in these tasks."

"EuroScholars enhanced my education greatly! I was able to do meaningful research in my field that was not available at the University of Maine, which will be published in the next few years. I was treated as a colleague in the laboratory, and made professional connections that are invaluable. Even more, as a pre-medical student I had the opportunity to shadow several physicians at the Karolinska Institutet Hospital, including the ability to observe an 8-hour abdominal surgery. My research on the molecular mechanisms underlying cognitive deficits in Parkinson's disease in Sweden will be extended into my Honors Thesis at the University of Maine. I also made friends that will last a lifetime and explored the rich and vibrant culture in Stockholm and other parts of Europe, such as Belgium and Germany."



Patrick Fortier-Brown, Psychology, Leiden University, Netherlands, Spring 2013

~ Caitlyn Ahlberg, Biochemistry, Pre-med, Honors College student

"In the spring of 2013 I studied abroad in Utrecht, the Netherlands. While there I partook in a research intensive program called EuroScholars through Globalinks. My research was conducted at University Medical Center, Utrecht, and I worked in the department of cardiothoracic surgery. The project related to analyzing in-situ tissue engineered heart valves. I learned a lot from the research that I conducted in a very independent environment, and just as much from experiencing new cultures throughout Europe. I had an incredible time and I will certainly go back."

~ Colby Fortier-Brown, Bioengineering



Cat Ahlberg exploring Europe



Colby Fortier-Brown, Bioengineering