



Research Abroad Opportunities



CASE WESTERN RESERVE
UNIVERSITY EST. 1826

think beyond the possible™



Research Abroad Opportunities

Table of Contents

- ❖ Structured Research Abroad Options:
 - GlobalLinks: EuroScholars program
 - DAAD (RISE): Research Internships in Science and Engineering
 - Arcadia University: STEM Summer Research Program
 - NSF – REU

- ❖ Unstructured Research Abroad Options
 - Faculty Contacts
 - Independent Research

- ❖ Student Testimonials



GlobalLinks: EuroScholars

❖ GlobalLinks: EuroScholars

- Semester or year-long options in multiple countries
- Students choose more or less research-intensive semester
- Sponsored by the Office of Education Abroad

❖ Study Abroad Structure

- Students work with the Office of Education Abroad
- Students pay CWRU tuition (Keeping your financial aid!) and earn CWRU credits
- Do not need knowledge of a second language
- Can choose from many projects, or create their own



GlobalLinks: EuroScholars

From <http://studyabroad.case.edu>, click on Program Search



[NON-CWRU LOGIN](#) | [LOGIN](#)

HOME

[Program Search](#)

[For Students](#)

[For Faculty](#)

[For Parents](#)

[FAQs](#)

[Contact Us](#)

Welcome to the CWRU study abroad application system. Please follow the instructions below in order to login.

CWRU Students:

If you have already logged into the application system, you can simply click on the login button in the right hand corner of the page, enter your CWRU credentials, and go directly to your existing applications.

If you have not logged into the system, you need to choose [Program Search](#) on the left, choose a program, and apply to that program. By creating an application, you will develop an account in the



GlobalLinks: EuroScholars

In the search engine, type in research

HOME

Program Search

For Students

For Faculty

For Parents


FAQs

Contact Us

Programs > Search (advanced)

Programs : Search (advanced)

Hide Tips

 Use the form below to search for programs based on one or more criteria. The list boxes allow you to select multiple values within them by holding the Ctrl/Cmd key while clicking. When values are selected from more than one list box, programs are returned that match the criteria from all the list boxes selected. However, multiple selections from within a list box will return results that fit any of the selections within that list box. If searches are not yielding enough results, try reducing the number of list boxes you select from.

List All

Simple Search

Advanced Search

Featured Programs

Course Search

Map Search

< Cancel -

- Reset -

- Search >

Program Search:

Program Name

research

Show:

Outgoing Programs

Incoming Programs

Scholarship Programs



GlobalLinks: EuroScholars

A list of options will appear, select one

program name, sorted by **Program Name** in **ascending** order.

Request Info

Program Name ↑	City	Country	Region	Save/Share
Anthropology Research	Mona	Jamaica	West Indies	 
GlobalLinks Learning Abroad/EuroScholars - Research Study Abroad in Europe: Karolinska Institutet	Stockholm	Sweden	Europe	 
GlobalLinks Learning Abroad/EuroScholars - Research Study Abroad in Europe: Leiden University	Leiden	Netherlands	Europe	 
GlobalLinks Learning Abroad/EuroScholars - Research Study	Munich	Germany	Europe	 



GlobalLinks: EuroScholars

Select an Institution or Field of Interest

The screenshot shows the EuroScholars website interface. At the top right, there are navigation links: home, about us, faq, newsletters, and contact. Below these are buttons for: what is euroscholars?, search project, students, advisors, alumni, universitties, and apply now. The main header features a banner with the text "SEARCH PROJECTS" and a search input field with the placeholder "Search research project" and a "Search" button. A large black arrow points to the "search project" button. Below the banner, there is a "Field of Interest" menu with a large black arrow pointing to it. The menu lists various fields with their respective project counts: Agriculture and Veterinary (10), Education (5), Engineering, Manufacturing and Construction (74), Health and Welfare (90), Humanities and Arts (65), Science, Mathematics and Computing (336), and Social sciences, Business and Law (113). Below the menu, there is a section titled "research projects" with a description of the program and search instructions. At the bottom, there are buttons for selecting institutions (Utrecht University, University of Zurich, KU Leuven University, University of Helsinki, University of Geneva, Ruprecht Karls University, Ludwig-Maximilians-Universität, Karolinska Institutet, Leiden University) and countries (Germany, Sweden, Switzerland, The Netherlands, Finland, Belgium), along with a "Clear all" button.

home about us faq newsletters contact

what is euroscholars? search project students advisors alumni universitties apply now

SEARCH PROJECTS

Search research project Search

Field of Interest

research projects

Agriculture and Veterinary (10)

Education (5)

Engineering, Manufacturing and Construction (74)

Health and Welfare (90)

Humanities and Arts (65)

Science, Mathematics and Computing (336)

Social sciences, Business and Law (113)

The EuroScholars Program offers a broad range of research projects in almost all fields of interest. You can search for a project in different ways:

- Either by typing a word in the "search entry" then click on search.
- Or by clicking on a country and / or university and / or field of interest.
- Or by clicking on a field of interest.

This database contains information about many research projects, however, in case you might not be able to find a project of your interest, please contact us by email and we will do our very best to find a suitable solution.

Utrecht University + University of Zurich + KU Leuven University +

University of Helsinki + University of Geneva + Ruprecht Karls University +

Ludwig-Maximilians-Universität + Karolinska Institutet + Leiden University +

Germany + Sweden + Switzerland + The Netherlands + Finland +

Belgium + Clear all x



DAAD - RISE: Research Internships in Science and Engineering <https://www.daad.de/rise/en/>

- ❖ RISE is a summer internship/research program for undergraduate students in biology, chemistry, physics, earth sciences and engineering.
 - Work with research groups and top research institutions across Germany
 - For a period of 2 to 3 months, over the summer

- ❖ RISE interns are matched with doctoral students whom they assist and who serve as their mentors.
 - The working language will be English.
 - All scholarship holders receive stipends from the DAAD to help cover living expenses
 - Partner universities & research institutes provide housing assistance

- ❖ The database for students is open from December to January



Arcadia University: STEM Summer Research Program

- ❖ Arcadia offers 5 STEM summer research programs
- ❖ Scholarships are available for \$250 – \$1,000

❖ Biomedical Sciences

- Royal Veterinary College: London
- 6 weeks, 4 research credits

❖ Computer Science

- Arcadia: Sicily, Italy
- 6 weeks, 5 credits: 4 research, 1 language



Deadline *was* February 1st: Consider for summer 2015
studyabroad.arcadia.edu/find-a-program/stem-summer/



Arcadia University: STEM Summer Research Program

❖ Biology, Physics, Chemistry & Math

- The University of Glasgow: Scotland
- 6 weeks, 4 research credits

❖ Environmental Sciences, Physics & Math

- CEAMA: Granada, Spain
- 8 weeks, 10 credits: 4 research, 6 language

❖ Biology, Chemistry, Math, Geological/Earth Sciences, & Computer and Information Sciences

- University of College Dublin (UCD): Dublin, Ireland
- 8 weeks, 4 research credits

Deadline *was* February 1st: Consider for summer 2016
studyabroad.arcadia.edu/find-a-program/stem-summer/



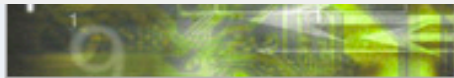
NSF - REU: National Science Foundation - Research Experiences for Undergraduates

- ❖ The National Science Foundation – Research Experiences for Undergraduates (NSF-REU) are summer research programs sponsored by Universities across the country.
 - The research programs are typically 8-10 weeks in length.
 - With some exceptions, the international research programs are mostly in the sciences and engineering.
 - The programs typically cover international travel expenses, cost of room and board, and a stipend.
- ❖ The NSF-REU site can be found at:
http://www.nsf.gov/crssprgm/reu/reu_search.jsp



NSF - REU

From there choose the link below:
“International Science and Engineering



[REU Program Overview](#)

[Program Solicitation](#)

[For Students](#)

♦ [Search for an REU Site](#)

[For Faculty](#)

[Astronomical Sciences](#)

[Atmospheric and Geospace Sciences](#)

[Biological Sciences](#)

[Chemistry](#)

[Computer and Information Science and Engineering](#)

[Cyberinfrastructure](#)

[Department of Defense \(DoD\)](#)

[Earth Sciences](#)

[Education and Human Resources](#)

[Engineering](#)

[Ethics and Values Studies](#)

[International Science and Engineering](#)

[Materials Research](#)

[Mathematical Sciences](#)

[Ocean Sciences](#)

[Physics](#)

[Polar Programs](#)

[Social, Behavioral, and Economic Sciences](#)

SEARCH BY RESEARCH AREAS/KEYWORDS:



NSF - REU

Once you click on a field of research, different opportunities and contact information are provided

REU Sites

REU SITES: INTERNATIONAL SCIENCE AND ENGINEERING

Sites listed here are co-funded by the NSF Office of International Science and Engineering (OISE) and many NSF research divisions. You should also check the Related URLs list at the bottom of the [Developing Global Scientists and Engineers funding opportunity page](#) for additional links to International Research Experiences for Students (IRES) sites. Refer to the [OISE home page](#) for a complete list of current OISE programs.

Please report errors in the list below by writing to reu.int@nsf.gov.

Export results: CSV | Excel | XML

14 items found, displaying all items.

Site Information	Site Location	Contact Information	Additional Information
National Optical Astronomy Observatory Cerro Tololo Interamerican Observatory	La Serena, Chile	Primary: Dr. Catherine Kaleida +56-51-205200 ctioreu@ctio.noao.edu	Research Topics/Keywords: astronomy, astrophysics, instrumentation Comments: Program conducted in La Serena, Chile during southern summer (January-March.) Abstract of Award Cofunded: International Science and Engineering
University of Alabama at Birmingham A Long-Term Perspective on Marine Biodiversity and Conservation: Interdisciplinary Fieldschool in the Lau Group, Fiji	Birmingham & Fiji, Alabama	Primary: Sharyn Jones 205-975-6524 sharyni@uab.edu	Research Topics/Keywords: Anthropology, Archaeology, Historical Ecology Abstract of Award Cofunded: International Science and Engineering
University of South Florida Globalization and Community Health: Combining Social Science and Engineering	Monteverde, Costa Rica, Florida	Primary: Nancy Romero-Daza 813-974-1205 daza@usf.edu	Research Topics/Keywords: Medical Anthropology, Civil and Environmental Engineering, Public Health Abstract of Award Cofunded: Department of Defense (DoD), International Science and Engineering



Faculty Contacts

- ❖ Students often use the faculty within their field to find out about research opportunities, as well.
- ❖ This is more self-driven, but SOURCE and the Office of Education Abroad can help formalize the process by:
 - Directing students to financial resources (SOURCE)
 - Providing emergency and medical insurance, and managing the risks (Education Abroad)
- ❖ All faculty at CWRU are involved in research, and a lot of that is abroad. Stop by during office hours to see what your advisor or professor is doing!



Independent Research

- ❖ Students sometimes find research abroad opportunities through other means: their own networking and contacts, online, previous work or intern experience, etc.
- ❖ This is again more self-driven and SOURCE and the Office of Education Abroad can formalize and help support these endeavors.
- ❖ Note that if you do find research abroad opportunities online or through even a somewhat distant contact, you should carefully review their work and reviews. *We can help you ascertain this, too!*



Student Testimonial



- Eric Bruckner is a Junior majoring in Polymer Science and Engineering and he studied abroad at the University of Hamburg.
- Eric Bruckner helped to develop an electrospinning process to create crosslinked polymer nanofibers with stable morphology. He also synthesized UV and thermally responsive polymers, based on spiropyran and polyNiPAM, that can be electrospun into stimuli-responsive fibers.
- He states, “My experience abroad taught me that the global research community is closely-knit despite its size. I was able to network with fellow students and researchers around the world, while living in a different culture.”



Student Testimonial



- Katie Rose is a Junior majoring in Polymer Science and Engineering with a minor in Biomedical Engineering and Chemistry.
- Along with another Case student, Katie mixed additives into PBS and PBS/PET systems to see the effect on flame retardancy. They measured those properties through DSC, TGA and cone calorimetry testing throughout the summer.
- She states, “Researching abroad was an eye opening experience. I was pushed out of my comfort zone with my research and it allowed me to learn more about other cultures and traditions. I was able to travel to 11 different countries, meet people from all over the world, and I would go back in a heartbeat.”



Student Testimonial



- Daniel Watson is a Senior majoring in Polymer Science and Engineering. He conducted research at Sichuan University.
- He worked with halogen-free flame retardation of polypropylene. His research team compared nine organically modified ammonium polyphosphate additives at varying concentrations.



Questions??

