Research Abroad Opportunities
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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](http://studyabroad.case.edu), click on Program Search
GlobalLinks: EuroScholars

In the search engine, type in research.
GlobalLinks: EuroScholars
A list of options will appear, select one

<table>
<thead>
<tr>
<th>Program Name</th>
<th>City</th>
<th>Country</th>
<th>Region</th>
<th>Save/Share</th>
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</thead>
<tbody>
<tr>
<td>Anthropology Research</td>
<td>Mona</td>
<td>Jamaica</td>
<td>West Indies</td>
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<tr>
<td>GlobalLinks Learning Abroad/EuroScholars - Research Study Abroad in Europe: Karolinska Institutet</td>
<td>Stockholm</td>
<td>Sweden</td>
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<td>GlobalLinks Learning Abroad/EuroScholars - Research Study Abroad in Europe: Leiden University</td>
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<td>Munich</td>
<td>Germany</td>
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GlobalLinks: EuroScholars
Select an Institution or Field of Interest

Field of Interest

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 +
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/
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
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.

<table>
<thead>
<tr>
<th>Site Information</th>
<th>Site Location</th>
<th>Contact Information</th>
<th>Additional Information</th>
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</thead>
<tbody>
<tr>
<td>National Optical Astronomy Observatory</td>
<td>La Serena, Chile</td>
<td>Primary: Dr. Catherine Kaleida +56-51-205200 <a href="mailto:ctioreu@ctio.noao.edu">ctioreu@ctio.noao.edu</a></td>
<td>Research Topics/Keywords: astronomy, astrophysics, instrumentation Comments: Program conducted in La Serena, Chile during southern summer (January–March.) Abstract of Award Confunded: International Science and Engineering</td>
</tr>
<tr>
<td>University of Alabama at Birmingham</td>
<td>Birmingham &amp; Fiji, Alabama</td>
<td>Primary: Sharyn Jones 205-975-6524 <a href="mailto:sharynl@uab.edu">sharynl@uab.edu</a></td>
<td>Research Topics/Keywords: Anthropology, Archaeology, Historical Ecology Abstract of Award Confunded: International Science and Engineering</td>
</tr>
<tr>
<td>University of South Florida Globalization and Community Health: Combining Social Science and Engineering</td>
<td>Monteverde, Costa Rica, Florida</td>
<td>Primary: Nancy Romero-Daza 813-974-1205 <a href="mailto:daza@usf.edu">daza@usf.edu</a></td>
<td>Research Topics/Keywords: Medical Anthropology, Civil and Environmental Engineering, Public Health Abstract of Award Confunded: Department of Defense (DoD), International Science and Engineering</td>
</tr>
</tbody>
</table>
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.”
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.”
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??