

Contact Information

For program information

Contact:

REU Program Office
Cornell Center for Materials Research
142 Science Drive
627 Clark Hall, Cornell University
Ithaca, NY 14853-2501

Phone 1.607.255-4272

Fax 1.607.255.3957

Email ccmr_reu@cornell.edu

For technical or project information

Contact:

Prof. Greg Fuchs
REU Faculty Coordinator

Email ccmr_reu@cornell.edu

Rolling Admission Period

Early Admission Begins:

December 2014

Final Deadline for Applications:

March 1, 2015

The CCMR REU Program uses a rolling admission process. The earlier your application is completed, the better your chance for acceptance.



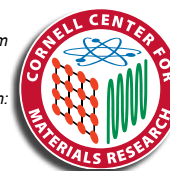
Ithaca is Gorges!



Support for the Cornell Center for Materials Research is provided by the National Science Foundation as part of the Materials Research Science and Engineering Center program and the REU-Site program.

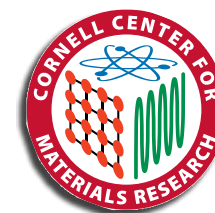


Support for the REU program is provided by the NSF MRSEC program (DMR-1120296) and the REU Site program (DMR-1063059).
Cornell Center for Materials Research:
An NSF MRSEC



at Cornell University in Ithaca, New York

The Research Experience
for Undergraduates program
at the Cornell Center for
Materials Research



June 1 – August 8, 2015



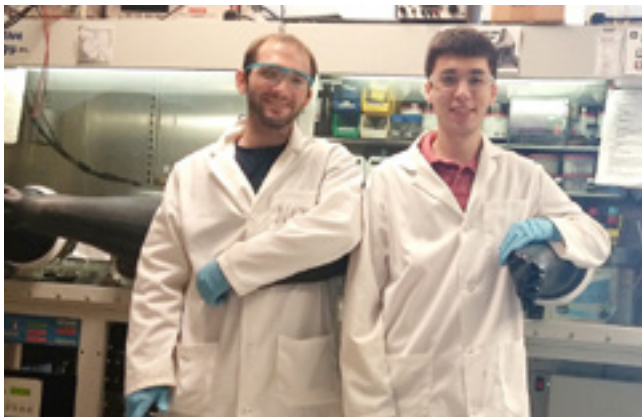
at the Cornell Center for Materials Research

The Research

At Cornell, materials research spans the gamut from theoretical physics to synthetic chemistry, to the design of engineering materials and the fabrication of microelectronic devices. Research projects for all interests are offered.

Examples of projects include:

- Analysis of Nanomechanical Strength
- Polymers for Biological Benign Surfaces
- Organic Bilayer Solar Cells
- Combinatorial Synthesis of Fuel Cell Catalysts
- Development of Meniscus to Bone Enthesis for Anchoring Tissue Engineered Meniscus
- VOC Capture/Conversion on Fibrous Substrates
- Growth and Characterization of Graphene
- Tailored Oriented Microstructures in Thin Metal Films
- New Methods for the Synthesis of Green Polymers
- Electron Microscopy of Nanostructures
- 3D Self Assembly of an Embryonic Heart
- Vertical Coupling Grating Design
- Optical, Electrical, and Thermal Measurements of Nanoscale Magnetism



The Program

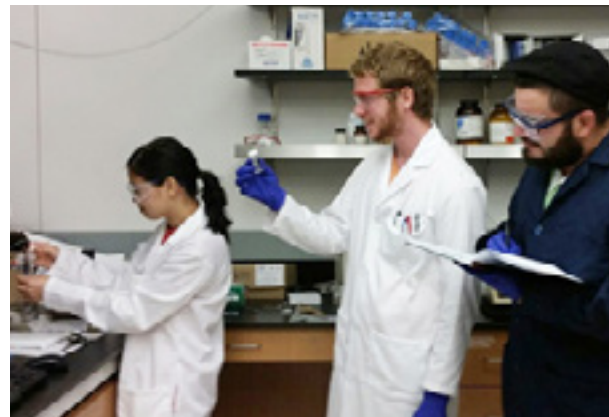
The Cornell Center for Materials Research is offering a special summer program with a stipend and additional funds for travel.

During the 10-week period from June 1 to August 8, students will work with Cornell faculty on interdisciplinary materials research projects involving chemistry, physics, materials science, and engineering.

Students will also participate in an organized program of lectures, mini-courses (e.g., electronics, microscopy), laboratory visits, and recreational activities.

Students will be housed in an on-campus university-owned residence.

- Open to Fall 2014 undergraduates who are U.S. citizens or permanent residents.
- Selection is based on academic standing and faculty recommendations.
- Minority and female candidates are strongly encouraged to apply.
- All physical science and engineering majors are welcome to apply.



Cornell University is located in the heart of New York's Finger Lakes region. Situated at the tip of Cayuga Lake, Ithaca offers every type of outdoor activity imaginable. The campus is located between two of Ithaca's famous gorges. Students often take a break from research to visit our many lakes and waterfalls. We organize weekend trips to Niagara Falls and New York City.



<http://www.ccmr.cornell.edu/reu>