

Research Experience for Undergraduates at CBiRC



Typical Program Dates—First week of June through first week of August*
Typical Application Deadline—March 1* *See website for exact dates

CBiRC, founded in 2008, has established an ambitious research and education program focused on developing cornerstone technologies to help form a viable biorenewable chemicals industry.

The vision of CBiRC will transform the chemical industry by integrating biological and chemical catalysis to create a generalized framework for producing biorenewable chemicals.

CBiRC Core Partner Institutions

Iowa State University (lead institution)
Rice University
University of California–Irvine
University of New Mexico
University of Virginia
University of Wisconsin–Madison

Institutions Contributing Affiliated Faculty

Salk Institute for Biological Studies
University of Michigan

The National Science Foundation Engineering Research Center for Biorenewable Chemicals at Iowa State University will be accepting up to 15 current undergraduate students to participate in a paid summer internship. Each participant will be placed in the lab of a CBiRC faculty affiliate on the campus of Iowa State University or one of our partner universities.

CBiRC's Research and Education Programs

CBiRC's pioneering research and education programs are focused on developing technologies that enable the production of biorenewable chemicals. CBiRC will achieve this by harnessing the combined power of biotechnology and catalysis to deliver a broad platform of innovations that cost effectively convert renewable materials into chemical feedstocks. These biorenewable feedstocks will support the production of biorenewable chemicals within a sustainable chemical industry. To achieve these goals, CBiRC has organized into seven interconnected programs: Biocatalysis Research, Microbial Engineering Research, Chemical Catalysis Research, Testbeds, Life Cycle Assessment, Industry Collaboration and Innovation, and a unique Education Program in biorenewable chemicals that covers both biological and chemical catalysis.

REU Program Benefits

- Hands-on lab experience in a field of interest
- Professional development activities
- Social gatherings and events with peers
- Generous stipend
- Free campus housing
- Meal supplement funds



NSF Engineering Research Center for Biorenewable Chemicals
1140 Biorenewables Research Laboratory
Iowa State University
Ames, Iowa 50011-3270
cbirc-reu@iastate.edu

www.cbirc.iastate.edu/education/university/nsf-reu/