

# Summer Undergraduate Research University of North Dakota

Summer Research Internship at the  
**University of North Dakota**  
June 1<sup>ST</sup> – August 7<sup>TH</sup> 2012  
(Flexible start/finish dates available)  
Application Postmark Deadline  
April 15, 2012

Would you like to be involved in the development of innovative solutions to the sustainable energy problems currently facing our society? SUNRISE, UND's sustainable energy research group is offering a 10-week summer research program for chemistry-focused undergraduate research that contributes to the advancement of sustainable energy technologies. Each undergraduate will gain professional research experience working with top researchers in the region. A variety of social activities are planned to enrich your summer in Grand Forks.

## \*EXAMPLE RESEARCH TOPICS

Novel Photovoltaic (Solar) Cell Materials

Atmospheric Aerosol Formation from Renewable Biofuels

Computational Chemistry Research in Coal and Biomass Combustion

Life Cycle Analyses for Clean Technologies

\*Visit <http://www.und.edu/org/sunrise/> for a complete research topics list.

ND SUNRISE  
Department of Chemistry  
Chemical Engineering  
Department

## Financial Benefits

- \$5,000 stipend
- On-campus housing with 19 meal per week plan reimbursement
- Travel subsidies

## Academic Benefits

- Research experience
- Exposure to sustainable chemistry/sustainable energy research
- Training in safety and ethics
- Assistance in choosing your career path

## Requirements

- Minimum GPA of 3.0
- U.S. citizenship or permanent residence
- Sophomore or Junior Standing (exceptional Freshmen and 5<sup>th</sup> year also encouraged to apply)

## Application Process

Apply using attached forms or download from the web. Native Americans, Hispanics, and other under-represented groups are encouraged to apply.



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