

Technical Experience in Advancing *Modeling* Sciences

TEAMS

A National Science Foundation (NSF) sponsored site under their Research Experience for Undergraduates (REU) program focusing on teamwork and modeling.

<http://reuteams.pbworks.com>

OVERVIEW

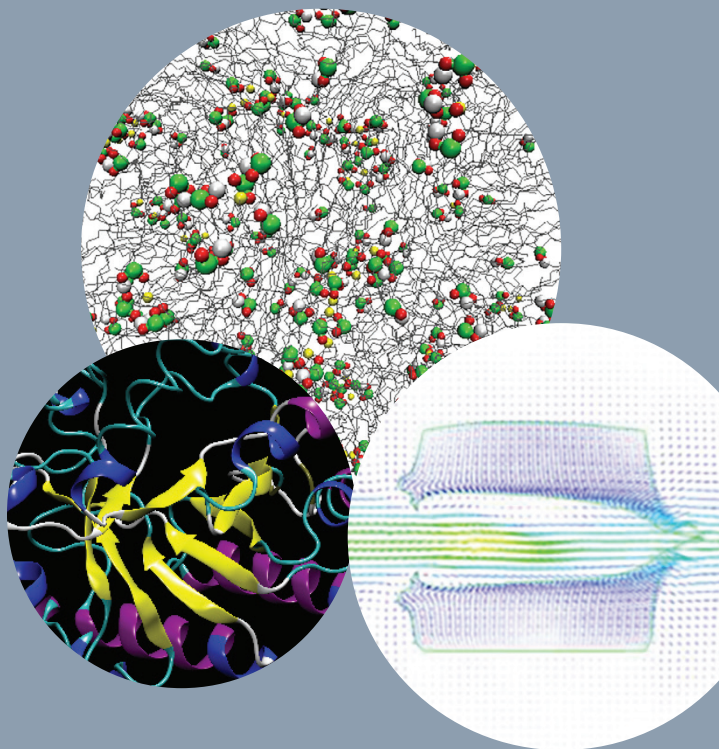
The TEAMS REU site is designed to provide undergraduates of varied disciplines with the opportunity to perform modeling research in areas of importance including renewable energy, materials design, and atmospheric sciences. Modeling research is inherently collaborative, so the training you receive will be focused on both the technical aspects of your research and on teamwork skills. You will be mentored by both modelers and experimentalists to receive the full perspective of the projects you work on. We encourage all qualified students to apply and hope to hear from you soon. Refer to our website for more details.

PROJECTS

- Minimizing Biofouling of Membrane Polymers
- Thermodynamics of Green Solvents
- Modeling Oxygen Transport
- Photocatalytic Materials
- Quantifying Confidence in Weather Forecasts
- Investigating the Thermostability of Lignocellulose
- Ballistics Gel Simulations
- Grenade Timer Design

DETAILS

Application Deadline: March 21, 2015
or till all positions are filled
Nine Weeks On Site June 1 to July 31
\$8,500 stipend for one academic year.



CONTACT

Dr. Kevin Hadley, assistant professor
Chemical & Biological Engineering
South Dakota School of Mines & Technology
Kevin.Hadley@sdsmt.edu Phone: 605.394.2627

