



The Council on Undergraduate Research (CUR), in conjunction with the House Science, Technology, Engineering and Mathematics (STEM) Education Caucus, cordially invites policymakers and staff to a luncheon briefing on

“TRANSFORMATIVE RESEARCH AT UNDERGRADUATE INSTITUTIONS: THE CAPACITY TO REVOLUTIONIZE”

Tuesday, February 23, 2010
12:00 p.m. to 1:30 p.m.
B338 Rayburn House Office Building

Small colleges and universities across the nation are engaged in a type of research that has the potential to radically change our understanding of an important existing scientific or engineering concept or lead to the creation of a new paradigm or field of science or engineering. This briefing will feature national experts on the topic of transformative research, sometimes known as “high-risk, high-reward” research. The discussion will examine our nation’s broad, long-term capacity for transformative research and related regional economic and workforce development.

It is critical that policymakers understand transformative research’s great potential because our knowledge-based economy is driven by constant innovation. While major research universities are often recognized for their powerhouse research, undergraduate institutions and individuals greatly contribute to this innovative research enterprise as well. Please attend this briefing to learn more about transformative research and engage with students working on projects which are considered potentially transformative.

The expert panel will report on a June 2009 summit on transformative research held by CUR and funded by the National Science Foundation, Research Corporation for Science Advancement, and the American Chemical Society Petroleum Research Fund. A monograph from the summit with examples of transformative research will be distributed.

PRESENTERS INCLUDE:

Cora Marrett, Acting Deputy Director, National Science Foundation

Moses Lee, Ph.D., Professor and Dean of the Natural Sciences and Applied Sciences, Hope College and Kristin Dittenhafer, recent Hope College graduate and student at University of Wisconsin

Michael Zach, Assistant Professor of Chemistry, University of Wisconsin-Stevens Point, and Guest Faculty Researcher, Argonne National Laboratory and student Tyler Shogren

Please RSVP to Nancy Hensel to nancy@cur.org by February 18, 2010. If you have questions, call 202.783.4810.

This event qualifies as a “widely attended event.”