Date:
March 31, 2010

Contact:
C. Paul Mendez, 202-429-3971

Team from Dow, UMN and UCSB Win CCR's 2010 Collaboration Award

Washington DC – The Council for Chemical Research (CCR) has selected a team of researchers from The Dow Chemical Company, University of Minnesota and University of California at Santa Barbara to receive its 2010 Success in Research Collaboration Award.

Lead researchers on the project, "Poly(cyclohexylethylene)-based Block Copolymer Materials" were Stephen F. Hahn & Dennis A. Hucul (Dow); Frank S. Bates (UMN); and Glenn H. Fredrickson & Edward J. Kramer (UCSB).

"This remarkable cross-disciplinary collaboration serves as a model for effective academic-industrial partnerships, "says Seth Snyder, 2010 Chair of the CCR Governing Board. "It has produced not only technical innovation, as evidenced by 6 patents and commercial success, but also deep insights into the structure, properties, and processing behavior of an important new class of block copolymer materials."

The research interaction among the three parties was maintained for over a decade starting in the early 1990s, and produced a new class of PCHE block copolymer materials that possess useful combinations of properties including: excellent transparency and melt processability, rigidity and toughness, high glass transition temperatures, low moisture uptake, and low birefringence. They show exceptional potential as substrates for optical media, as components in advanced displays, lighting, and optical devices, and as resins for precision molding.

The Success in Research Collaboration Award will be presented on Monday, April 19th, during CCR's 31st Annual Meeting in Atlanta GA.

The Council for Chemical Research is a not-for-profit organization that brings together industry, academia and government laboratories that conduct research in chemistry-related science and engineering in the US. CCR was formed in 1979 to promote cooperation in basic research and encourage high quality education in the chemical sciences and engineering. The mission of the CCR is to benefit society by advancing research in chemistry, chemical engineering, and related disciplines through leadership collaboration across discipline, institution, and sector boundaries.

Council for Chemical Research
1550 M Street NW, Suite 300
Washington DC 20005
Website: www.ccrhq.org

# # #