

Environmental, Safety & Health Aspects of Nanomaterials: Overcoming Barriers to International Cooperation

Dr. Kristen Kulinowski

**Faculty Fellow, Department of Chemistry
Rice University;
Director for External Affairs,
Center for Biological and Environmental
Nanotechnology (CBEN)**



Thursday, March 29, 2007

4:00 - 5:30 pm

SS109 (*through white doors next to Institute for Humanities Research*)

Dr. Kulinowski serves as the Director of the International Council on Nanotechnology (ICON), a multi-stakeholder organization whose mission is to develop and communicate information regarding potential environmental and health risks of nanotechnology, thereby fostering risk reduction while maximizing societal benefit. She has experience as a chemical researcher, educator, curriculum developer, administrator, outreach coordinator and policy fellow.

Since 2004, Dr. Kulinowski has been actively engaged in developing and promoting the International Council on Nanotechnology (ICON), which provides a neutral forum in which experts from academia, governments, industry and nonprofit organizations can explore questions of nanotechnology's environmental health and safety (EHS). She directed an effort that resulted in the web publication of the first publicly available database of citations to peer-reviewed papers on nano EHS. Other activities of ICON include a survey of best practices for nanomaterial handling in the workplace and a public portal of information on nanotechnology EHS.

Dr. Kulinowski has extensive experience in science education, particularly in developing innovative curricula at the undergraduate level, and developed Rice's first introductory undergraduate course on nanotechnology. From 2002-2004, Dr. Kulinowski served as CBEN Executive Director for Education, developing and managing an educational outreach portfolio of programs for audiences that range from middle school children to adults. During this time the center established itself as a national leader in nanotechnology educational outreach.