

The 12th Annual ECSS Keynote Speaker

Dr. Richard J. Reeder
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The CECG and the ECSS organizing committee are proud to present Dr. Richard J. Reeder as our keynote speaker for the 12th Annual Environmental Chemistry Student Symposium.

Dr. Reeder received his M.S. (1977) and Ph.D. (1980) in Geology from the University of California, Berkeley. His Ph.D. work focused on order-disorder and defect structures in dolomite. Dr. Reeder joined the Department of Geosciences, SUNY at Stony Brook at an Assistant Professor in 1980, becoming an Associate Professor in 1984 and a full Professor in 1990. He was a visiting researcher at the University of Cambridge (1986-1987). In 2002, he became the Director of the Center for Environmental Molecular Science (CEMS). CEMS represented the collaborations of researchers at Stony Brook University and Brookhaven National Laboratory, as well as researchers at Temple University and Penn State University to identify the molecular basis for the reactivity and fate of environmental contaminants in natural and engineered systems.

Recently, Dr. Reeder was named a Nicholas Shackleton Fellow at Clare Hall, Cambridge and was a visiting researcher at the University of Cambridge (2007). Dr. Reeder became the Chair of the Department of Geosciences, SUNY at Stony Brook in 2008. Dr. Reeder has published over 100 articles in such peer-reviewed journals as *Geochimica et Cosmochimica Acta*, *Journal of Colloid and Interface Science*, and *Environmental Science and Technology*. Throughout his research career, Dr. Reeder has used scattering and spectroscopic methods to address properties and behavior of carbonate and phosphate minerals. However, his research interests cover a broad range of topics including crystal growth mechanisms, sorption, and phase transformations. Dr. Reeder has been especially interested in mechanisms of metal sequestration, and how that relates to bioavailability and human health.