

Nanotechnology Seminar Series

The Nanotechnology Seminar Series is intended to bring together faculty members, students, and guests for exchanging ideas and research experience in the multidisciplinary field of nanotechnology.

Topic: “Diatoms: Nature's Nanotechnology”

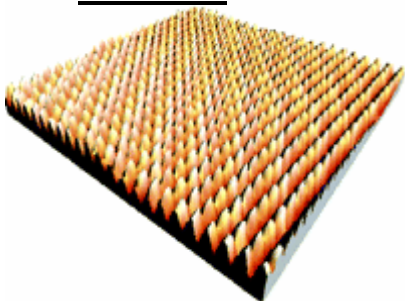
presented by Dr. David W. Wright, Vanderbilt University

Dr. David Wright received his Ph.D. from Massachusetts Institute of Technology and is currently an Associate Professor in the Department of Chemistry at Vanderbilt University working actively in the area of Bioinorganic and Biomaterials Chemistry.

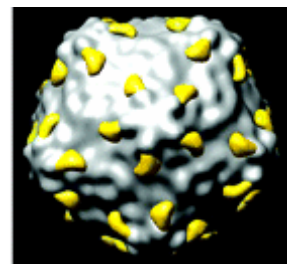
His research interests are in design, synthesis, and characterization of organic templates capable of mediating the growth of biologically important biominerals. The talk will be focused on diatoms which naturally form diverse nanopatterned silica structures. In contrast to many current materials approaches to the synthesis of patterned silica, biogenic silica is formed rapidly under mild conditions. Dr. Wright will present his contributions to understanding the underlying mechanisms and his approaches for designing new functionalized SiO_2 materials.

When: Nov. 6th, 12.00-12.50 p.m.

Place: Ulmer Hall, room 301



All faculty members and interested students are kindly invited.



For questions and comments contact Dr. Jacqueline Whitling (jwhitlin@lhup.edu).