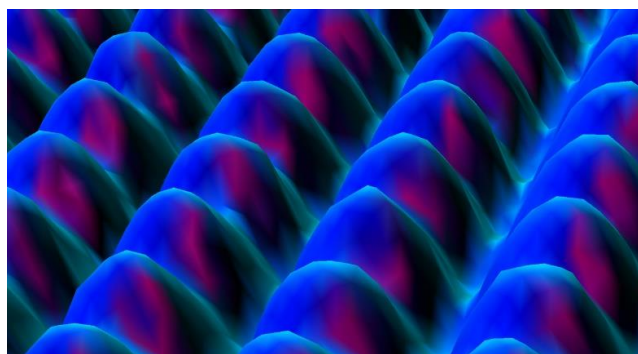




SCIENCE NIGHT

Part of the College of Natural and Health Sciences Seminar Series

The ABC's of Nanotechnology: Atoms, Bits, and Civilization



Nanotechnology is control and manipulation of the material world at the scale of atoms and molecules. Silicon chips, gigabyte disk drives and light-emitting diodes—devices that are based on atomically engineered materials—are all around us. These everyday wonders would not be possible without the ability to "see" and manipulate materials at the most basic level: the individual atom. This talk will focus on a chemical view of materials science and the nanoworld and how these are used in our daily activities and contribute to the advance of civilization.

Dr. George Lisensky has been a Professor in the Chemistry Department at Beloit College for more than 30 years. He is actively involved in developing ways to use new materials technologies in chemistry education and exploring science and engineering concepts through an association with the NSF-funded Materials Research Science and Engineering Center on Structured Interfaces at UW-Madison.

Wednesday, October 14, 2015

7:00 – 8:00 p.m. in GRNQ 103

Free parking after 6:30 p.m. - Everyone is invited - refreshments provided