



*The Nanotechnology Center
for Collaborative Research & Development
at the University of Wisconsin-Platteville
proudly presents
its inaugural program*

Progress in Nanotechnology Research

Saturday, December 6, 2008

Pioneer Student Center, University Rooms

9:30 a.m. Registration & Refreshments

10 a.m. **Welcome**
Chancellor David Markee, UW-Platteville

Introduction to Nanotechnology Center for Collaborative Research and Development
Dr. James Hamilton, NCCRD Director

10:10 a.m. **Patterned Nanowires from a Bench**
Top: *Michael Zach, Assistant Professor of Chemistry, UW-Stevens Point*

10:20 a.m. **Tissue Engineering, Stem Cells and Nanobiotechnology in Western Wisconsin:** *Tim Lyden, Associate Professor of Anatomy and Physiology, UW-River Falls, Director of UWRF Tissue & Cellular Innovation Center*

10:30 a.m. **Nanostructured Supercapacitor Electrodes:** *Charles Gibson, University Research Professor of Chemistry, UW-Oshkosh*

10:40 a.m. **Carbon Nanotube and Ceramic Nanoparticle Composite for Improved Solar Panel Coating :** *Forrest Schultz, Professor of Chemistry and Department Chair, UW-Stout*

10:50 a.m. **Vision for Nanotechnology in the Forest Products Industry:** *Alan Rudie, Supervisory Research Chemist, Forest Products Laboratory*

11:00 a.m. Break

11:10 a.m. **Nanotechnology Solutions in the Plastics Industry:** *Jeffrey Cernohous, President, Interfacial Solutions, LLC, River Falls*

11:20 a.m. **Remote Sensing with Optical Fibers and Nanoparticles:** *Peter Geissinger, Associate Professor of Physical Chemistry, UW-Milwaukee*

11:30 a.m. **Research and Outreach at the UW-Madison Nanoscale Science and Engineering Center:** *Jon McCarthy, Director, Materials Science Center & COE User Facilities*

11:40 a.m. **Materials Science and Nanoscience at UW-Eau Claire:** *Marcus McEllistrem, Co-Director, Materials Science Center, UW-Eau Claire*

11:50 a.m. **Graphene and Nanosolubility:** *James Hamilton, Director, NCCRD Director & Wisconsin Distinguished Professor, Professor of Chemistry, UW-Platteville*

Noon **Nanotechnology Center for Collaborative Research & Development Inaugural Ceremony**
Introduction of Special Guests
Overview of NCCRD Mission and Goals
 WiSys Technology Foundation Managing Director Maliyakal John
Inaugural Remarks by UW System Regent President Mark Bradley
Remarks on Cross-Campus Collaboration, Dr. William Campbell, UW-River Falls
Demonstration: Collaboration in Action – SEM, Peter Geissinger