

2010 Nanocomposites and Composites Workshop

Developing the 21st Century Nanotechnology and Composites Industries Workforce!

The Center for Nanocomposites & Multifunctional Materials [CNCMM], Pittsburg State University (PSU) in partnership with the Plastics Engineering Technology program, PSU is organizing and planning a 2-day, [Nanocomposites and Composites Workshop](#) for Industry, Government and Academia personnel.

This workshop is mainly hands-on oriented with complimentary lecture portions, and is scheduled for **August 04 – 05, 2010**.

Workshop Location: Pittsburg State University (PSU), Pittsburg, Kansas 66762

Workshop Instructors:

Dr. Chris Ibeh, Professor, Plastics Engineering Technology

Director, Center for Nanocomposites & Multifunctional Materials (CNCMM)

Prof. Bob Susnik, Coordinator, Plastics Engineering Technology Program, PSU, & Staff

Topics to be covered include but not limited to:

- Nanoparticles and Nanocomposites,
- Design and Fabrication of Nanocomposites – NanoInfusion of Polymeric Matrices,
- Production of Hybrid Composites – Vacuum Infusion, Compression Molding, etc.,
- NanoSafety and Ethics,
- BioComposites Design & Fabrication – Tissue Engineering, Orthopedics, etc.
- NanoCharacterization – DSC, AFM, X-Ray Diffraction, Cone Calorimetry etc.,
- Mechanical Properties Characterization of Nanocomposites and Composites,
- Computerized Analyses of Structural Integrity of NanoComposites and Composites,
- Misc – Sustainability: Life Cycle Cost Analysis Approach.

Workshop Audience:

- Composites Industry Personnel – Workers, Company Owners, Administrators
- College and High School Teachers and Administrators – Curriculum Enhancement
- Government Personnel and Administrators --

Your Organization's Sponsorship and Support for this workshop and effort to **develop the 21st Century Nanotechnology and Composites Industries Workforce** is very much appreciated.

Levels of Sponsorship:

1. Organizational funding of workshop expenditures – to facilitate annual hosting of workshop
2. Organizational participation in workshop – sponsorship of organization's personnel to attend and participate in workshop
3. Facilitation of advertisement and promotion of workshop.

2010 Workshop Implementation Timeline

- May 28 – June 04, 2010 --- Initial promotion & advertisement of Workshop
- June 05 - July 21, 2010 --- Registration activities

Registration Form

Nanocomposites and Composites Workshop @ Pittsburg State University (PSU)

Registration Fee: \$550 per Attendee

Organization Rate (3 or more Attendees): \$500 per Attendee

Registration Deadline: July 21, 2010

(After Deadline and On-site Registration = \$650.0 per Attendee)

Name (Workshop Attendee): _____

Company Affiliation: _____

Title/Position w/Company: _____

Company Address: _____

Contact Info: Tel. #: _____ Fax: _____

E-Mail (Required): _____

Fill out Registration Form and Mail it in prior to the deadline with a check for the correct registration fee to this address:

Department of Engineering Technology
(NanoComposites Workshop)
C/O: Ms. Barbara Clutter
Pittsburg State University
1701 So Broadway
Pittsburg, KS 66762

Credit Card Option (Visa, MasterCard, Discover):

Contact the Engineering Technology Office via the senior administrative assistants, and specify the **Nanocomposites & Composites Workshop**:

1. Barbara Clutter [ETECH] ---Tel #: 620 235 4350