NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

NTRC | NANOTECHNOLOGY RESEARCH CENTER

PtD™ Prevention through Design

Announcing a workshop on…

Safe Nano Design

Molecule → Manufacturing → Market

FIRST ANNOUNCEMENT

Date: August 14 – 16, 2012

Location: College of Nanoscale Science & Engineering (CNSE) of the University at Albany

Event Organizer: National Institute for Occupational Safety and Health (NIOSH) Prevention through Design Program

Event Coordinators

- D. Heidel, Prevention through Design Program, NIOSH
- C. Geraci, Nanotechnology Research Center, NIOSH
- S. Brenner, CNSE

Event Purpose

Participants at this workshop will provide input into the safe commercialization of nano products resulting in the development of guidelines for the safe synthesis of nanoparticles and associated products, using a Prevention-through-Design approach.

Workshop Areas of Focus

- Efforts to develop safer nano molecules that have the same functionality
- Process containment and control, based on the considerations of risk of exposure to workers
- The management system approaches for including occupational safety and health into the nanoparticle synthetic process, product development, and product manufacture

Agenda (in development)

- Day 1: Optional tour of CNSE's Albany NanoTech Complex followed by plenary session including a keynote address from a nanotechnology business leader, presentations from leaders addressing the three main areas of focus, selected case studies, and panel discussions.
- Day 2: Concurrent break-out sessions devoted to the three areas of focus. Participants will select the break-out session, based on their interest and expertise.
- Day 3: Plenary session to review the outcomes from each breakout session and to determine the additional research that may be recommended. At this session, the elements of an effective systems approach to design safer nanomolecules, fabricate them, and manufacture them into products all while ensuring the health and safety of the workers will be framed.

For more information, please visit our webpage:
http://www.cdc.gov/NIOSH/topics/PtD/nanoworkshop/default.html

COLLEGE OF NANOSCALE SCIENCE & ENGINEERING UNIVERSITY AT ALBANY State University of New York

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