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## **Sullivan University College of Pharmacy to hosted second Nanotechnology Symposium on October 9—10**

*New this year: Two innovative workshops in nanotechnology*

**Louisville, KY** – Sullivan University College of Pharmacy hosted its Second Annual Nanotechnology Symposium **Advances in Nanotechnology and Applications** at the College of Pharmacy on Gardiner Lane on Friday and Saturday, October 9—10.

Professionals, students of all education levels and anyone who has an interest in furthering their knowledge of nanotechnology were invited to attend this two-day symposium that featured more than 30 researchers and educators from around the country presenting on cutting-edge innovations. In addition, there were two interactive workshops geared for high school teachers but open to anyone who desired to attend.

Symposium sessions included: Nanoparticulate Drug Delivery Systems, RNA Nanotechnology, Nano Education and Manufacturing and Mechanical Properties of Nano Systems. Presenting researchers came from disciplines of pharmaceuticals, chemical engineering, neurobiology, medicine, biomedical engineering, physics, electrical and computer engineering, among others.

Podium presentations allowed researchers to share and explain their findings and gave the opportunity for interested parties to ask questions. Poster sessions, an award ceremony and numerous networking opportunities were also part of the symposium.

Speakers at the inaugural event included Lee Warren, Vice President of Commercial Operations at US World Meds, LLC, Chancellor/President Sullivan, of Sullivan University System and Dr. Hieu Tran, Founding Dean of Sullivan University College of Pharmacy.

Featured keynote presentations for the 2009 Nanotechnology Symposium included:

- Nanostructured Solar Cell Devices - Vijay Singh, Ph.D.
- What's Been Learned About Nanotechnology - John DiLoreto
- Drug Development of Nanoparticulate Bio-Pharmaceuticals - Judy Senior, Ph.D.
- RNA Nanotechnology and Nanomedicine - Peixuan Guo, Ph.D.

There was an exhibition area for research companies to demonstrate their products and equipment.

The Center for Nanotechnology Education, Research and Applications (CENTERA), a project of the College of Pharmacy, hosted two interactive workshops established by the National Center for Learning and Teaching (NCLT) at Northwestern University. Sarah Dugan and Matthew Hsu, of NCLT, taught the workshops on Saturday, October 10, 2009, 10 a.m.—4 p.m. High school teachers were encouraged to take part and were eligible to receive a 50 percent discount to attend. The sessions include:

- Introduction to the Nanoscale: Inquiry into Surface Area - An introduction into the nanoworld, which shows the importance of surface areas increase at the nanoscale.
- Manipulating Light in the Nanoworld - Explores size-dependent properties of nanoscale material through their interaction with light. Light emission of macroscopic and nanoscale light sources are examined.

CENTERA also sold its first publication, proceedings from the first symposium, *Advances in Nanotechnology and Applications Volume I*, at a discounted price. The second volume will be published with proceedings from this year's symposium and will be available for sale in 2010.

**For future information on our events and symposium, please contact Allison Koch at 502-413-8955 or e-mail [akoch@sullivan.edu](mailto:akoch@sullivan.edu).**

Sullivan University College of Pharmacy also wishes to acknowledge the sponsors for the Second Annual Nanotechnology Symposium: US World Meds, Krispy Kreme, Heine Brothers, The National Center for Learning and Teaching at Northwestern University, InflaMed Inc., NIH Nanomedicine Development Center, UofL Micro/Nano Technology Center, Sullivan University College of Pharmacy, Sullivan University Systems, Specialty Coating Systems, Institute for Advanced Materials and Renewable Energy.