

# NanoDays 2011:CEINT Expands Outreach Nationally

## Museum Visitors Number over 4,800

CEINT has participated in NISE Net affiliated NanoDays since 2009.

NISE Net is the largest network of informal science educators/researchers for fostering awareness of nanoscale science/engineering in U.S.

NC Partner Museums 2011: Museum of Life and Science, Durham, NC  
Marbles Kids Museum, Raleigh, NC

### NanoDays 2011: CEINT partnered with Children's Museum of Pittsburgh

➤CEINT Deputy Director Greg Lowry and CMU graduate student team engaged museum visitors with hands-on nanoscience activities.

Visitors to CEINT partner museums for NanoDays 2009-11 have numbered over 8,500.



### Activities Children's Museum of Pittsburgh \*

1. **Scented Balloons.** Demo: "nano" is very small and size matters.
2. **Antacid Tablets.** Demo: nanomaterials have higher surface area than bulk, macro-sized material, which increases reactivity.
3. **Nano-sand / Nano-pants.** Demo: nano-scale coatings and surface structures can change properties of a material.
4. **NanoToss:** Surface Coatings (Developed by CEINT team). Demo: surface coatings change properties of nanomaterials (focus on environmental implications)

\*Activities 1-3 from the NISE Network website:  
<http://www.nisenet.org>



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