

NanoDays 2013 Bigger and Better Than Ever!

By special arrangement **NanoDays** at NCSU is offered for Science Olympiad participants, teachers, and parents. Educators from UNC-CH, Marbles Childrens Museum, the NC Museum of Life and Sciences, and the School of Nanoscience and Nanoengineering at UNC-G will be present to educate and engage you with new developments in science and technology.



NanoDays began at NCSU and is now a nationwide festival of educational programs about nanoscale science and engineering and its potential impact on the future. **NanoDays** engages people of all ages in learning about this emerging field of science, which holds the promise of developing revolutionary materials and technologies.

Join us in learning about new and unique learning experiences for both youth and adults to explore the miniscule world of atoms, molecules, and nanoscale forces.



NanoDays events combine fun hands-on activities with presentations on current research. A range of exciting **NanoDays** programs demonstrate the special and unexpected properties found at the nanoscale, examine tools used by nanoscientists, showcase nano materials with spectacular promise, and consider implications of new technologies for society.



Visitors will make some of their own nanomaterials, investigate super thin materials used in solar cell technology, and change the color of a butterfly's wings! Other activities include experimenting with paint that never gets dirty and learning about nanoparticles that can kill cancer.

NanoDays 2013 will feature **new** demonstrations, tours, and talks, and instructional materials. Special laboratory tours are available on a limited basis for students to talk to researchers and find out more about future careers in this exciting area. **To sign up for a tour** for your students send an email to Gina Childers at: gmfreels@ncsu.edu



NanoDays 2013 Schedule

Time: 2-5 pm

Location: Engineering Building 3, Centennial Campus, NCSU

2:00 -5:00 Demonstrations and Hands-On Investigations

3:00- 5:00 Graduate Student Research Posters: Talk to A Student

*3:00- 3:30 Lab Tour: Frontiers of Research in Nano Chemistry
(Space Limited- Sign up ahead of time)*

*3:30- 4:00 Lab Tour: Frontiers of Research in Nano Physics
(Space Limited- Sign up ahead of time)*

*4:00- 5:00 Lab Tour: Frontiers of Research in Engineering and Material
Science (Space Limited- Sign up ahead of time)*

