

NCMN Outreach News

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Introducing the Nebraska Center for Materials and Nanoscience outreach newsletter...to inform, resource, and support outreach efforts in the materials and nanoscience areas

Recent and Upcoming NCMN Outreaches



Big Red Road Show

NCMN helped recruit high school seniors to member departments this year by participating in the Big Red Road Show event on Sunday, February 7 at the Quest Center in Omaha.

Prof. Eva Franke-Schubert, Electrical Engineering and Terese Janovec, NCMN Outreach Coordinator visited with parents and students at the event, provided free giveaways, hands-on experiences, and personal advising to support students in their college search process.

<http://www.unl.edu/ncmn/event1.shtml>

Women in Science Conference

On Friday, February 19, NCMN participated in the 12th Annual Nebraska Women in Science Conference at the Holiday Inn in Lincoln. Prof. Eva Franke-Schubert and Terese Janovec, NCMN Outreach Coordinator represented the Center at our recruiting booth. The conference is held each



year to help high school women explore science careers, interact with professional women in science, and meet other high school women in Nebraska interested in science.

<http://www.scimath.unl.edu/csmce/wis.php>

Sunday with a Scientist

The Nebraska Center for Materials and Nanoscience partnered with the UNL State Museum on February 21 to highlight the nanoscience work of one of our Center's scientists while educating kids and families.



Dr. Stephen Ducharme (Physics & Astronomy) and his colleagues shared scientific information in a fun, informal way through hands-on demonstrations and a variety of activities. "Sundays with a Scientist" takes place in Morrill Hall from 1:30-4:30 pm on the third Sunday of each month.

<http://www.museum.unl.edu/events/past2010.html>

Osher Lifelong Learning Institute Presentation

Professors David Sellmyer, Christian Binek, and Yongfeng Lu will make a team presentation on Materials and Nanoscience research at UNL for the Osher Lifelong Learning Institute on April 9, 3:00 - 4:30 pm, 201 Brace Lab. (olli.unl.edu)

N-AAPT Meeting

The Nebraska chapter of the American Association of Physics Teachers has invited Professor Christian Binek to speak on Saturday, March 6, at Mt. Michael, Elkhorn, Nebraska. The topic for his presentation will be Magnetic Refrigeration.

Nebraska Center for Materials and Nanoscience

Bridging Nanoworld Opportunities in Nebraska...

www.unl.edu/ncmn/

The Nebraska Center for Materials and Nanoscience (NCMN) at the University of Nebraska is a multidisciplinary research organization involving over 70 faculty members from the Departments of Physics, Chemistry, Electrical Engineering, Mechanical Engineering, Engineering Mechanics, Chemical & Biomolecular Engineering and others. NCMN strives for excellence in research, graduate and postdoctoral education and service in materials science and engineering, and nanoscience. It is on the forefront of research in a high-priority national program, the National Nanotechnology Initiative. NCMN also works with state and national industries in support of Nebraska's overall economic development.

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Send us your science jokes or cartoons! (G-rated please)

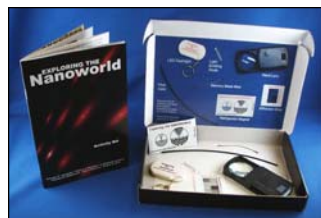
A neutron walked into a bar and asked, "How much for a drink?" The bartender replied, "For you no charge."

Q: What did one quantum physicist say when he wanted to fight another quantum physicist? A: Let me atom

Q: Why do chemists like nitrates so much? A: They're cheaper than the day rates



Buckyball Giveaway



Nanoworld Kit

Resources

Science Kit Library

Checkout Items at NCMN Office

- LED Color Strips Kits
- Nanoworld Kit-Exploration
- Materials Science-Exploration
- Solar Cell Kit—Photosynthesis
- Organic Solar Cell Activity Kit

Contact:

Terese Janovec, NCMN Outreach Coordinator,
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Or Order Directly Online:

Institute for Chemical Education
<http://ice.chem.wisc.edu/Catalog.html>

Science Posters

Checkout posters at NCMN Office for use at your outreach events

Order Free Giveaways-Buckyball

Engaging activity around complex scientific concept for your outreach event. See at <http://www.nisenet.org/catalog/programs/exploring-structures-buckyballs>

Nanokits

Checkout Items at NCMN Office

See at <http://www.nisenet.org/catalog/all/nanodays>

Contact for above items:

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NanoLINKs for the Month

Virtual Microscope

<http://micro.magnet.fsu.edu/primer/virtual/virtual.html>

Nano 101 Resources: videos, articles, cart & stage demos at <http://nisenet.org/catalog/tools-guides/intro-to-nano>