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Subject: Fwd: Upcoming Educational Opportunities
Date: September 20, 2018 at 3:29 PM
To:



Building College-University
Partnerships for Nanotechnology
Workforce Development



Introduction to Nanotechnology Workshop

Date: begins on Friday, October 12 at 11:00 a.m. EDT
Registration deadline: Friday, September 28, 2018

Join us and explore the world of nanotechnology! Participants will learn about:

- The growing applications of nano in industries including: biotechnology, microelectromechanical systems, optoelectronics, and many more!
- The basics of nanofabrication processes and tools.
- How cleanrooms are used both in institutions and for outreach by virtually visiting cleanrooms around the country.

This workshop is designed for: Post-Secondary and Secondary STEM Educators; Guidance Counselors; School Administrators, and others.

There is no cost to participate in this workshop if your application is selected. Applications must be submitted by the deadline stated on the application to be considered.

Participation: Will be using free video conferencing through zoom.us which will include breakout sessions, polls, discussion groups, etc. Participants will be given opportunities to interact with both the lecturers, other participants, and remotely accessible nanotechnology equipment.

Tech Requirements: webcam, microphone, internet access

Workshop Dates:

- Four Friday sessions, 11 am-3 pm EDT, October 12, 19, November 9, and 16 (Please note there is a two week break between sessions 2 and 3.)

Register Now!

For more information, visit nano4me.org/workshops.

Nano in Motion RAIN Open House

In celebration of National Nanotechnology Day, RAIN, with our partners, will be hosting simultaneous remote access demo sessions. On **October 9, from 9 AM to 6 PM EDT**, teachers, students and just anyone who is interested will have the opportunity to experience some of the most up to date microscopy technology available.

You will access and control microscopes and analytical tools to look at nano-sized materials from the ease of classrooms, or even home computers, all across the country. You control the



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tools over the Internet in real-time and with the assistance of an experienced engineer at the microscope advising over video conferencing software.

Participation is easy, register your group, your class or yourself here. We will contact you with all of the details. Just register, there is no charge. Really, it's that easy! We will provide you with a Zoom ID and website where you can enter a live remote access session. Most sessions last from 30 to 60 minutes. Many teachers project the session in their classroom.

[Register Now!](#)

Partners participating at this time:
Nanotechnology Collaborative Infrastructure Southwest at Arizona State University (NCI-SW at ASU), Cattaraugus-Allegany-Erie-Wyoming Board of Cooperative Educational Services (CABOCES), State University of New York Erie (ECC), Georgia Institute of Technology, Nebraska Nanoscale Facility at University of Nebraska-Lincoln, Pasadena City College (PCC), Penn State's Center for Nanotechnology Education and Utilization's Nanotechnology Application and Career Knowledge Support Center (CNEU - NACK Network), Research Triangle Nanotechnology Network (RTNN), Salt Lake Community College (SLCC), and The University of Iowa.
To learn more about RAIN and its partners, visit nano4me.org.



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The NACK Network, in the Penn State College of Engineering, is committed to supporting the development of two-year degree programs in micro and nanotechnology across the country by offering academic and educational resources.

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