

Societal and Ethical Implications Activities in the NNCI

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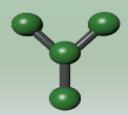
Societal Ethical Implications

Underlying question:

How can we increase the chances that the work we do in our labs lead to positive outcomes for society?

How to go about this?

Research , training, inquiry, outreach



SHyNE Nano Journalism

Bridging science and society through world-class journalism mentoring

- **Embedded reporting** – journalism student access labs, scientists
- **Mentorship** – Medill faculty School of Journalism
- **Training** scientists to communicate with the public through workshops



Northwestern University's SHyNE Resource and the Medill School of Journalism Present:

Taking Command of Science Communications Seminar

Instructor
Professor Abigail Foerster, co-coordinator of the science journalism program at Medill.

October 24th, 2017
6:00 - 9:00 PM

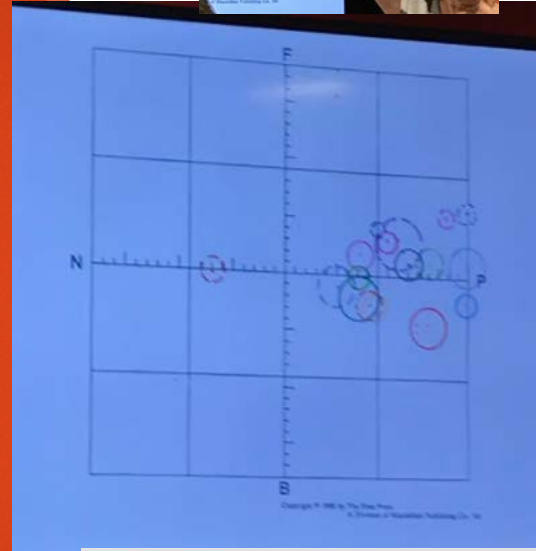
- Gain coaching skills for compelling explainers, press releases, interviews and online presentations about your research.
- Gain practical knowledge about communicating your scientific message to society.

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RESEARCH TRIANGLE NANOTECHNOLOGY NETWORK TEAM: PCOST.

- Develop assessment tools & concatenating methods.
- Develop publicity & promotion.
- Deep assessment – learning about non-traditional users.
- Team science activities explaining the utility of cross-disciplinary interaction,
- Online social media resources including RTNN & the overall field: resources for researchers & announcements – new jobs, new tools, conferences, meetings, breakthroughs, & outstanding articles.
- Directed leveraging to support RTNN activities.



Research Triangle Nanotechnology Network

Published by David Berube [?] · September 13 at 2:48pm · 🌐

ANNOUNCEMENT: WEBINAR

Evaluation of Packaging Safety: View of a Coating Producer - Migrants Characterization using Advanced Analytical Tools.

September 26, 2017

C&EN USA 10:00 am EDT, 7:00 am PDT,... [See More](#)



Research Triangle Nanotechnology Network

Published by David Berube [?] · September 13 at 2:57pm · 🌐

ANNOUNCEMENT: SYMPOSIUM.

Non-ambient X-ray Diffraction Symposium

November 8 @ 1:00 pm - November 9 @ 4:00 pm... [See More](#)



Research Triangle Nanotechnology Network

Published by David Berube [?] · September 18 at 11:51am · 🌐

ANNOUNCEMENT: PRESS RELEASE ON COURSERA COURSE.

<http://pratt.duke.edu/news/coursera-nanotech-maker>



Research Triangle Nanotechnology Network

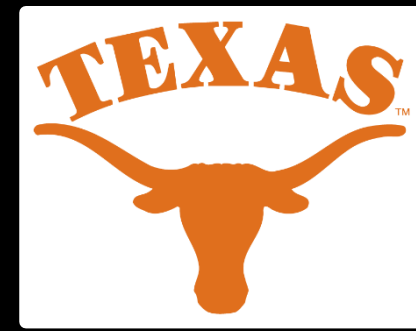
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JOB ANNOUNCEMENT

NCSU Advanced Instrumentation Facility is seeking a new Business Services

Coordinator. Apply at.

...see more



UT Austin – Texas Nanofabrication Facility

Lee Ann Kahlor, SEI Director

- This year we are working to integrate an SEI training module into lab training at the UT nano facilities.
- The model was developed based on the literature and original research we conducted over the course of two years.
- The module has undergone three full revisions based on substantial feedback from our TNF team, REU students, and Jamey Wetmore.
- Our hope is that the module will be scalable to other facilities, as it provides a relatively simple 10-minute video intervention that can easily be integrated into whatever training is currently offered at your facilities.
- Also notable for us: The training of a communication MA student in nano SEI became an unexpected outcome for our project. This student, an African American woman, has left us for the Peace Corp after completing her degree, but we hope to see her again as a PhD student, where she can pick-up with the SEI work she began with us.

SEI Activities at SENIC



Atlanta Conference on Science and Innovation Policy will be here October 9 and 10 which offers a chance to engage with others on SEI activities relating to science and technology

Bibliometric work on an “emergence indicator” using nanotechnology publications as a back drop

Inclusion in a proposed I-Corps HBCU training effort at Georgia Tech

Education Outreach



Virginia Tech Science Festival



Energy & Materials Discovery Camp

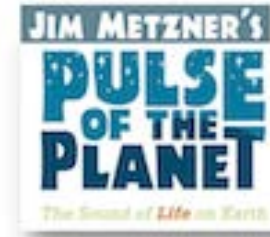


High School students from Japan

Economic Empowerment



Public Engagement



- 19 NanoEarth radio shows
- 1.1M listeners/week
- Up to 1M downloads/month



Underrepresented Groups



- **MUNI** – **M**ulti-cultural and **U**nder-represented **N**ano-science **I**nitiative



- 64 MUNI visitors from 13 colleges, universities
- Participate in research, workshops, HBCU Summit

SEI User Facility



Science Outside the Lab

A one week science policy
bootcamp for graduate
student scientists and
engineers

Next session:
June 3-9, 2018



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Winter School on Responsible Innovation and Social Studies of Emerging Technologies

January 3-10, 2018
At Saguaro Lake
Ranch
Arizona



“Thank you all for running such a wonderful winter school. It was one of the most fun and rewarding experiences I've had as a graduate student, and I look forward to working with the ideas and techniques that we discussed.”

“Thanks again for a truly wonderful experience.”



What are we doing Network-wide?

- Recruiting for the Winter School and Science Outside the Lab programs
- Assisting in jump starting new SEI programs and events
- Working Group on SEI
- Join us tomorrow afternoon for a series of SEI presentations and discussions from 1:30-4:00pm in SINGH 035

Jamey Wetmore – Wetmore@asu.edu

