Welcome
NISE Network Partners!

Presentation Overview

- NISE Network brief overview
- Network Community
- Public Engagement Products
- Professional Development Tools
- Upcoming Opportunities
NISE Network

Nanoscale Informal Science Education Network

The NISE Network is a national community of researchers and informal science educators dedicated to fostering public awareness, engagement, and understanding of nanoscale science, engineering, and technology.

Year 6-10 Focus

Years 1-5: (2005-2010)
- Building the network

Years 6-10: (2010-2015)
- Engaging the public through the network
NISE Network: Strategy

Inputs
- NISE Network
  - ISE organizations
  - Research centers

Outputs
- Network community
  - partnerships
  - practices and knowledge
  - resources and materials
  - workshops and training

- Educational products
  - programs
  - exhibits
  - media
  - tools and guides

Outcomes
- Increase capacity in the field to engage the public in nano
- Engage the public, increasing awareness and understanding of nano

Network Community
NISE Net Regional Hub Structure

NanoDays Participants
NanoDays Volunteers
Public Engagement Products

- Nano Mini-Exhibition
- Public website and DIY App
- Catalog – recent products

Dissemination: Mini-Exhibition
Dissemination: Mini-Exhibition Map

70 locations in 2 batches with some sharing

Website for the Public

• Links to videos, podcasts, online games, and more
• Bilingual English and Spanish
• DIY activities
DIY Nano App

- Features activities in recipe-style format for at-home activities plus links to videos and whatisnano.org
- Over 29,000 downloads

Educational Products in Catalog

- Exploring Nano & Society – Invisibility Cloak
- Nano Around the World card game
- Wonders and Worries – more video in series
- Exploring Nano & Society – You Decide!

More info: nisenet.org/catalog
Educational Products in Catalog

- Nano mini-exhibition: more marketing materials, school field trip activity
- Scientist Speed Dating: event for adults
- Big Fish, Little Fish: activity for young children
- Tiny Tech Radio Series: audio podcasts

More info: nisenet.org/catalog

Professional Development Tools

- Training
- Museum-Scientist Collaborations
- Reaching Diverse Audiences
- Nano and Society
- Team Based Inquiry
- Conference and Upcoming workshops
Training Tools

Nano 101 for staff  
(2012 version)

NanoDays training materials  
for staff and volunteers

More info: nisenet.org/catalog > Tools & Guides

Scientist - Museum Collaboration Tools

National Chemistry Week 2012

RISE Partner Guide: Small Steps; Big Impact  
for museums, how to start a collaboration with researchers

Sharing Science Graduate Workshop and Practicum for graduate students

REU (Research Experiences for Undergraduates) science communication workshops

More info: nisenet.org/RISE
Inclusive Audiences Tools

- Bilingual Design Guide
- Translation Process Guide
- Universal Design Guidelines for programs
- Universal Design Guidelines for exhibits

More info: nisenet.org/inclusive_audiences

Nano and Society Tools

- Nano and Society Training Materials for staff and volunteers
- Visitor Conversations goals and tips
- Improv Exercises for staff and volunteers

More info: nisenet.org/inclusive_audiences
Team Based Inquiry Tools

Team Based Inquiry is an approach to formative evaluation.

We will be sharing tools and offering professional development opportunities in the future.

More info: nisenet.org/evaluation

Professional Development Opportunities

• Association of Children’s Museums (ACM)
  May 2013 in Pittsburgh
  sessions & pre-conference

• Materials Research Society (MRS)
  November in Boston & April in San Francisco

• More opportunities
  • Online Brown Bag Conversations in 2013
  • Bilingual Workshop - Spring 2013
  • Universal Design Workshop - Spring 2013
  • Regional Meetings - Fall 2013

Event details: nisenet.org/community/events
Upcoming Opportunities

- NanoDays
- Mini-Grants
- Annual Partner Survey
- and more!

NanoDays 2013

**Host a NanoDays Event:**
**March 30 – April 7, 2013**

- New Hands-on Activities
- Physical kit application deadline: **December 1, 2012**
- Digital kit materials available online: January 15th:
- Continue to use your NanoDays materials throughout the year!

*More info: nisenet.org/nanodays*
Mini-Grants 2013

- **Awards:**
  - 27 mini-grants awarded in 2011
  - 40 mini-grants awarded in 2012
  - Plan to award 40 for 2013

- **Application deadline:** November 4, 2012

- **$3,000 maximum**

- **Eligible activities:**
  - New efforts to integrate nano into existing programming
  - New efforts to reach new audiences
  - New partnerships and collaborations

More info: nisenet.org/community/mini-grants

Dissemination: Mini-Grant Awards Map

Year 6 mini-grant awards: green
Year 7 mini-grant awards: blue
Evaluation and Research

Evaluation measures professional learning and practice, public learning, and Network growth.

- Professional Impacts
- Public impacts
- Annual Partner Survey

Research studies provide the field with new knowledge and understanding

- Museum – Scientist Partnerships
- Organizational Change
- Evidence-based decision making

- Find out what we’ve learned so far by visiting nisenet.org

More info: nisenet.org/evaluation
More info: nisenet.org/research

Help Us Learn – Annual Partner Survey

Help us to advance NISE Net and the field by participating in the Annual Partner Survey
Stay in Touch

Website networking tools

• Update your profile on the website
  nisenet.org/faq

• Sign up for the monthly
  NanoBite newsletter
  nisenet.org/community/nanobite

• Join our social networking sites
  nisenet.org/community

THANK YOU!

To all our partners - we could not do this work without you!
Questions and Discussion?

Please make sure you’ve signed up on the sign-in sheet
Sustainability – After Year 10

How will we build on what has been created through the NISE Network?

Sustainability – After Year 10

What remains after the funding ends?

- Field-wide capacity to engage the public in nano
- Relationships, including collaborations between scientists and museums
- Ongoing use of NanoDays and program materials
- Mini-exhibition copies on museum floors
- Website - online catalog
- Evaluation and research knowledge
- Network lessons shared with field