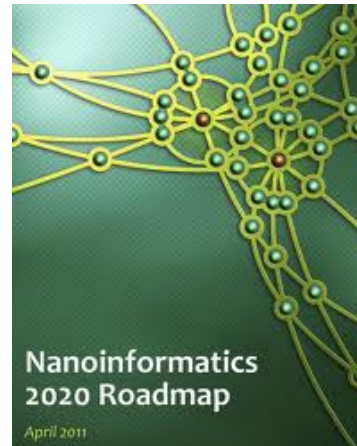


Sharing International Research and Learning Tools of Nanoscience and Emerging Technologies in Society: Strategy and Challenges

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IMLS (Institute of Museum and Library Services) grant

The Nano and Emerging Technologies in Society: Sharing Research and Learning Tools (NETS) National Leadership Planning Grant proposal seeks to **investigate digital resources to advance the collection, dissemination, and preservation of ethical, legal, and social implications (ELSI) research associated with the development of nanotechnology and other emerging technologies.**

Nanotechnology and Society Research

- US

- 2 NSF Centers for Nanotechnology in Society
- 15 NSF Nanoscale Science and Engineering Centers (some with societal dimensions research)

- International

- European Commission Framework Programmes for Research and Technological Development

How have project outputs been shared?

NSEC example

<http://www.umass.edu/sts/nano/index.html>

Nano ELSI data currently in ICSPR

<http://www.icpsr.umich.edu/icpsrweb/ICPSR/index.jsp>

What is the best course for making these data accessible?

Partners:

- Inter-University Consortium for Social and Political Research
- Centers for Nanotechnology in Society at Arizona State University and at the University of California Santa Barbara.

Goals

Goal 1: Project leads will conduct a full investigation into the feasibility and requirements for a digital registry and repository for nano ELSI research.

Goals

Goal 2: Project leads will generate community support for and commitment to the development of a nano ELSI research repository.

Goals

Goal 3: Project leads will establish the foundation for a smooth and efficient implementation process with additional funding.

Workshop

Introductions

Questions

1. Give an example of the type of data you produce (description, size, file format).
2. Do you use existing data in your research or teaching?
3. Have you received data management training?
4. Where do you find data?
5. What are the barriers to sharing your data?
6. Would you contribute to a resource like NETS?
7. Would you use a resource like NETS?
8. Are there any target data or resources that should definitely be included in NETS?