

ESENCE:
ETHICS IN SCIENCE AND ENGINEERING
NATIONAL CLEARINGHOUSE

▶▶▶ <http://www.ethicslibrary.org>

The beta site for a national clearinghouse for ethics in science and engineering is designed to benefit the national and international scientific and engineering research communities. In April 2009, the National Science Foundation's Office of Integrative Research sponsored a project at the University of Massachusetts Amherst to advance development of an Ethics in Science and Engineering National Clearinghouse (SES 0936857). The Ethics in Science and Engineering National Clearinghouse (ESENCE) uses state-of-the-art digital tools to preserve and widely disseminate a variety of materials on ethics and the responsible conduct of research in science and engineering disciplines.

The project is a direct response to the America COMPETES Act, which, beginning January 4, 2010, will require "that each institution that applies for financial assistance from the Foundation for science and engineering research or education describe in its grant proposal a plan to provide appropriate training and oversight in the responsible and ethical conduct of research to undergraduate students, graduate students, and postdoctoral researchers participating in the proposed research project" (Section 7009) and "that all grant applications that include funding to support postdoctoral researchers include a description of the mentoring activities that will be provided for such individuals" (Section 7008).

INTERNANO:
RESOURCES FOR NANOMANUFACTURING

InterNano is an information clearinghouse for the nanomanufacturing community. It is a service of the National Nanomanufacturing Network supported by the National Science Foundation (CMMI-0531171). InterNano supports the information needs of the nanomanufacturing community by bringing together resources about the advances in applications, devices, metrology, and materials that will facilitate the commercial development and/or marketable application of nanotechnology. Areas of coverage include:

- nanomanufacturing processes
- tools for nanomanufacturing
- nanoscale objects and nanostructured materials
- nanomanufacturing characterization techniques
- environmental, health and safety considerations for nanomanufacturing
- social and economic implications of nanomanufacturing

As an information clearinghouse, InterNano both aggregates existing resources related to nanomanufacturing and creates original commentary on those resources, including news highlights, review and feature articles, and topical assessments of the current state of practice in nanomanufacturing.

▶▶▶ <http://www.internano.org>