NANO SCIENCE & NANO TECHNOLOGY INSTITUTE @ UI

Administrative support for the institute is located in the Iowa Advanced Technology Laboratories (IATL). The IATL furthers the University of Iowa's tradition of encouraging interdisciplinary research.

The IATL also houses the Center for Global and Regional Environmental Research (CGRER) and the Optical Science and Technology Center (OSTC). There is great potential for synergistic activities with both CGRER and OSTC.

NANI is an interdisciplinary research center supported by the Department of Chemistry and the College of Liberal Arts and Sciences.

COLLEGE OF LIBERAL ARTS & SCIENCES

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The Nanoscience and Nanotechnology Institute at UI

CORE MEMBERS
Core members of NNI are from multiple academic departments and colleges, including those listed below.

COLLEGE OF ENGINEERING
Biomedical Engineering
Chemical and Biochemical Engineering
Civil and Environmental Engineering
Electrical and Computer Engineering
Mechanical and Industrial Engineering

COLLEGE OF LIBERAL ARTS & SCIENCES
Chemistry
Physics & Astronomy
Biochemistry
English

COLLEGE OF MEDICINE
Anatomy & Cell Biology
Radiology
Microbiology
Internal Medicine
Positron Emission Tomography

COLLEGE OF PHARMACY
Medicinal Natural Products
Pharmaceutics

COLLEGE OF PUBLIC HEALTH
Occupational & Environmental Health

COLLEGE OF DENTISTRY

FOCUS AREAS
- Drug Delivery
- Disease Detection
- Imaging
- Green Chemistry
- Energy
- Sensors
- Sustainability
- Fuel Cells
- Bioanalytical Assays
- Environmental Remediation
- Decontamination

- Nanotoxicology
- Environmental Health
- Air Quality
- Workplace Environment

Development of Materials and Theory for Applications of Nanoscience and Nanotechnology
- Synthesis of Nanomaterials
- Characterization of Nanomaterials
- Defense Related Applications
- Condensed Phase Matter at the Nanoscale

For more details about NNI, we invite you to visit our website at http://www.uiowa.edu/~nanotech or contact us at nni@uiowa.edu.

-Vicki Grassian, Co-Director
-Sarah Larsen, Co-Director

Our Mission:
To facilitate interdisciplinary research in nanoscience and nanotechnology at UI.

Our Goals:
To engage, coordinate and encourage collaborations among researchers on campus.

To pursue external funding opportunities for nanoscience and nanotechnology research.

To develop educational resources and encourage future scientists in the area of nanoscience and nanotechnology.

To support outreach efforts to local, regional and statewide communities.