

Science Master's Program (SMP)

Program Directors:

- Carol F. Stoel
- Myles Boylan

AAAS Fellow:

- Alexander Nicholas

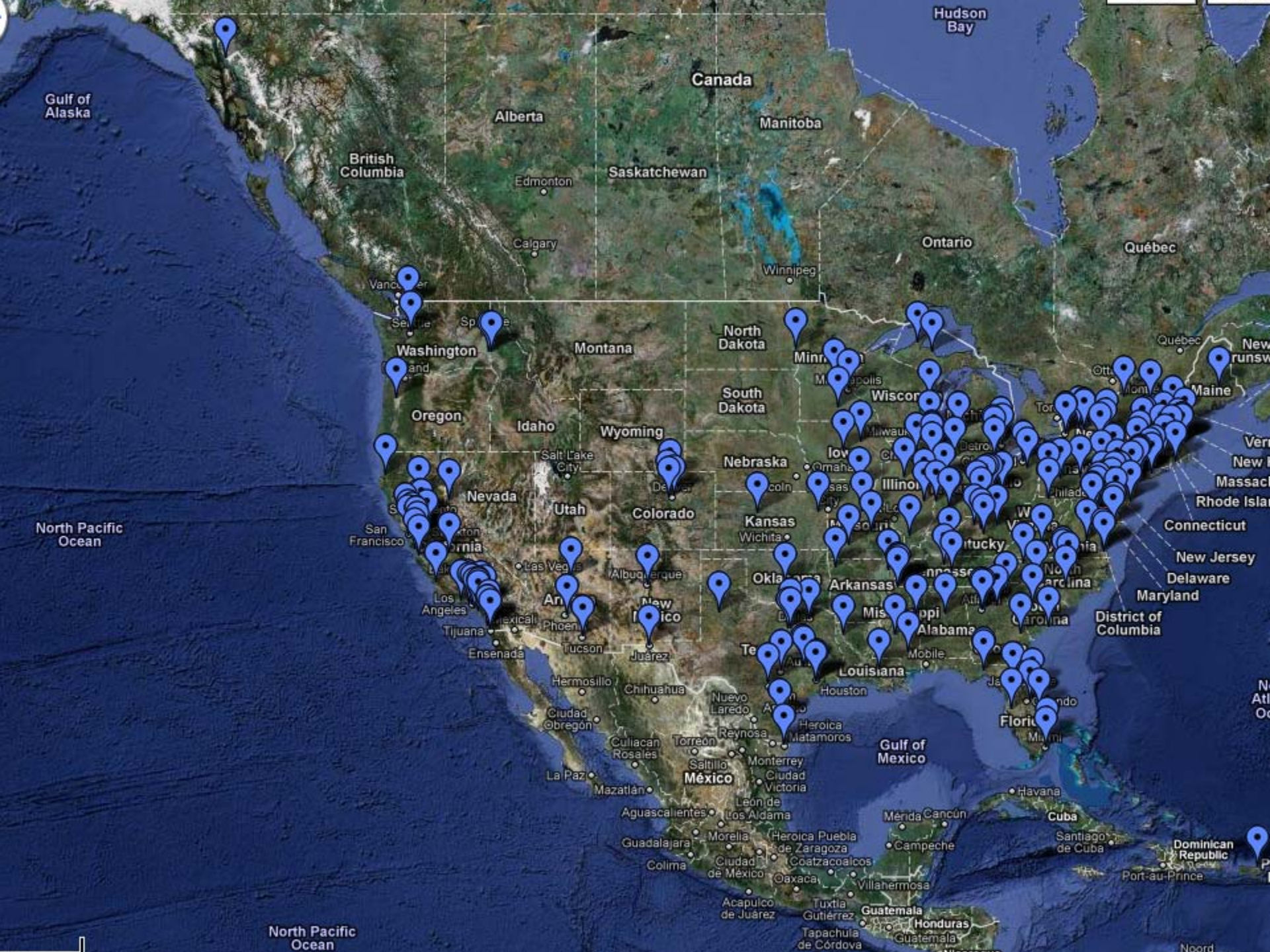


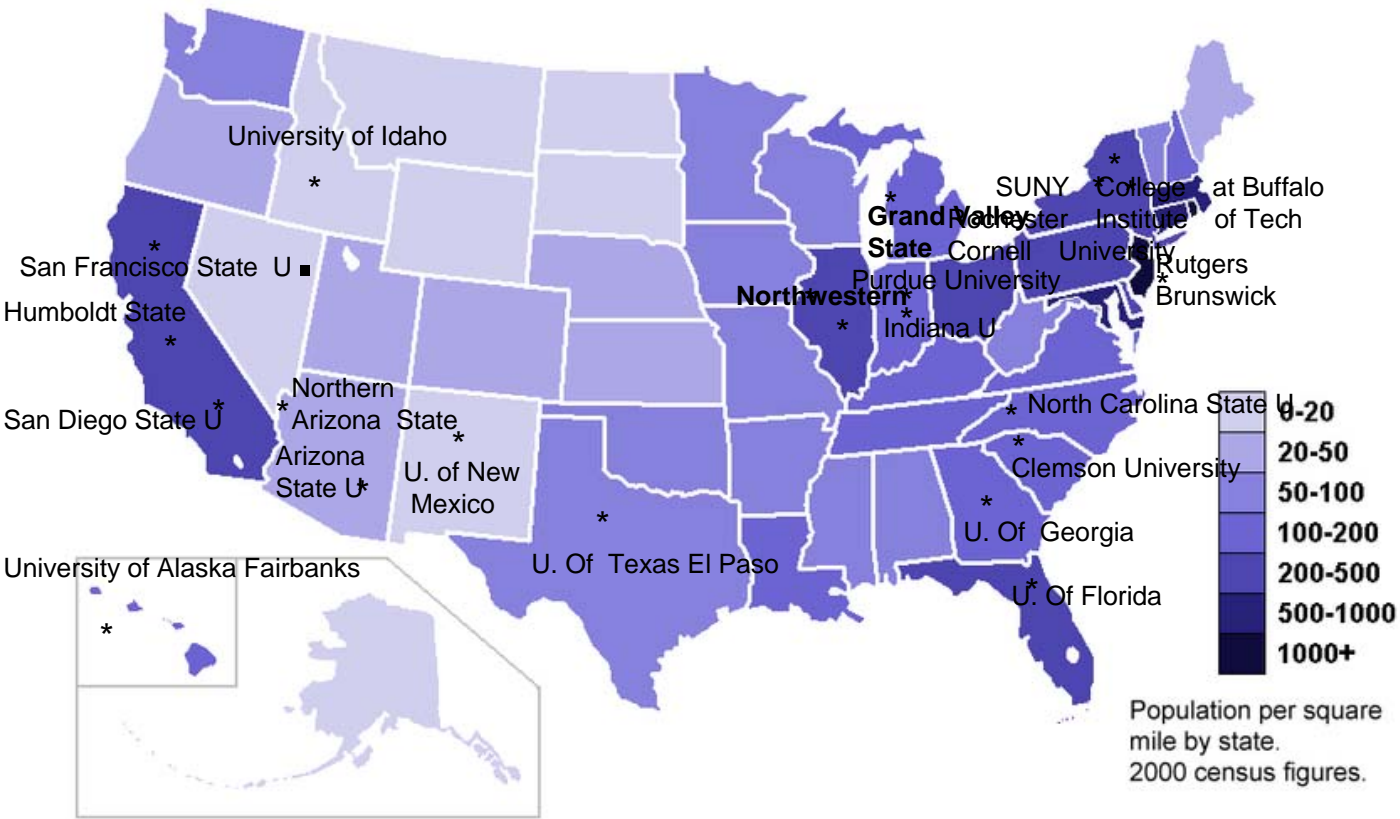
SMP Data

- 282 Letters of Intent
- 214 Full Proposals
- 21 Awardees

- Major Themes:
 - Environmental Science
 - Biotechnology
 - Math and Computer Science
 - Chemistry and Physics
 - Energy







.Northern Arizona
 •Focus is on climate science and solutions

•U. Maryland Easter shore
 • Fishery and Wildlife

Humboldt State
 * green jobs - renewable energy, energy efficiency, water quality

Arizona State U.
 * econ, entrepreneurship, human & social dimensions of Solar

University of Alaska Fairbanks
 * Ecosystem management - fisheries in particular

Rochester Institute of tech
 * Environmental forecasting, disaster planning & mgt

SUNY College at Buffalo
 * 3 strands; Data analysis, math modelling, and communication skill

Grand Valley State U.

*biomedical Devices

Northwestern U.

*biomed Devices for developing Countries

Rutgers New Brunswick

•system-wide includes biotech, sustainability industrial math

San Francisco State

•biotech and Stem Cell Science

University of Georgia

•bioprocessing and biomanufacturing

. University of Texas El Paso

* software engineering focused on engineering management, system verification and validation

. North Carolina State

•Biomanufacturing applications; Regulatory & safety applications

Cornell University

* combining chemical, engineering, and biology concepts with business

University of Florida

* translational phase of biotech with drugs, devices, manufacturing processes

San Diego State U

* regulatory affairs in bioscience and Biomedical Physics

University of New Mexico

* Nanoscience and MicroSystems

University of Idaho

* environmental land use mgt

Clemson University

* sustainability and infrastruture

2. Purdue University

* wireless technology and systems engineering