

The Research Investment Landscape in New Mexico

Advancing Technology
 New Mexico can take a leadership role in driving innovation

Proposed NM S&T Focus Areas

- **Bioscience** - computational biology, sensor development, therapeutics, natural and engineered agents, biofuels, modeling of biosystems, genomics, pathomics, nanobio, nuclear medicine, health, therapeutics
- **Education** - remote teaching/learning, tele-health, interactive learning, development of STEM (science, technology, engineering, and math) modules.
- **Energy** - renewable energy sources (biofuel, wind, solar), nano applications, hydrogen, fuel cells, conservation, clean coal, socio-economic research
- **Environment** - impact of global climate change on NM, clean water, remote sensing, modeling of biosystems, impact of forest thinning
- **High Performance Computing** - innovation in algorithm development, information use and data mining, molecular dynamics, designer materials, networks (including sensor networks), adaptable architectures, data imaging, visualization, cyber security
- **Water** - hydrology, sensors, modeling, watershed sustainability, conservation, water quality, desalination, use of brackish water, use of oil and gas field water

The Governor's Science Guy

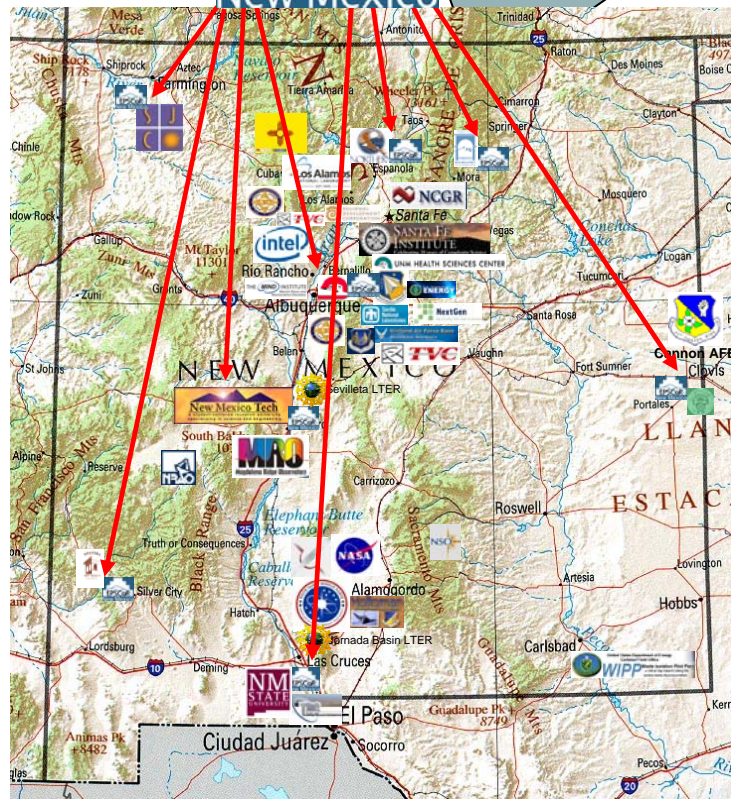


Sustainability and Build Out of Support for New Capacity and Partnerships Between University Research and Private Sector

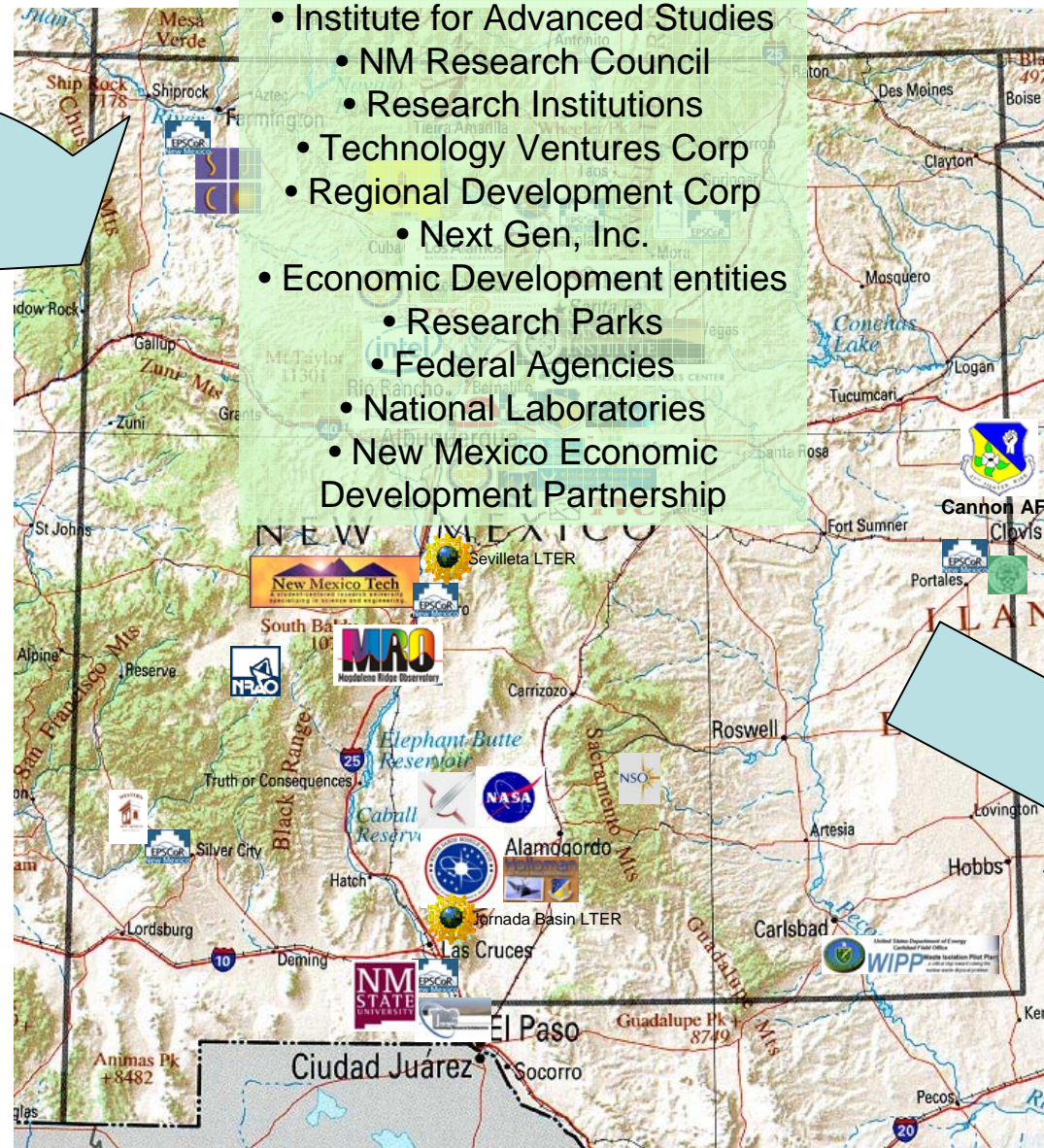
Richardson Appoints New Director for Office of Science and Technology
 Thursday, November 02, 2006
Helgesen is a Career Diplomat and Small Business Specialist
 SANTA FE – Governor Richardson has appointed Stephan Helgesen, a former U.S. diplomat and small business specialist, as the Director of the Office of Science and Technology at the Economic Development Department (EDD).

Early Investment in Research Infrastructure

<http://www.nmepscor.org/>



University of New Mexico, New Mexico State University, New Mexico Tech, Western New Mexico University, Eastern New Mexico University, New Mexico Highlands University, Northern New Mexico College, San Juan Community College



Air Force Research Lab; Los Alamos National Laboratory, National Center for Genome Research; New Mexico State University; New Mexico Tech; Sandia National Laboratories; The MIND Institute; UNM Health Science Center; The Santa Fe Institute; New Mexico Spaceport; NASA White Sands; White Sands Missile Range; Intel; EPSCoR; Technology Research Collaborative; Magdalena Ridge Observatory; National Radio Astronomy Observatory; Long Term Ecological Research Sites; New Mexico Space Port; Cannon, Holoman, Kirtland Air Force Bases; U.S. Dept of Energy; Western NM University; Eastern NM University; Highlands University; Northern New Mexico College; 23 Community Colleges; Institute for Advanced Studies....etc.

10 Speed Bumps on the Export Superhighway

THE FRONT PAGE - Guest Columnist

There are more than 100 million people in the world who are not yet fully integrated into the global economy. Many of these people live in developing countries. Their standard of living is low, and their lives are often characterized by poverty and hardship. This is a global challenge that we must address if we are to create a more sustainable and equitable world.

SPEED BUMP #1. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

SPEED BUMP #2. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

SPEED BUMP #3. COMMUNICATION, COMMUNICATION, COMMUNICATION.

SPEED BUMP #4. HOW DO I CHOOSE THE RIGHT MARKET?

SPEED BUMP #5. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

SPEED BUMP #6. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

SPEED BUMP #7. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

SPEED BUMP #8. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

SPEED BUMP #9. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

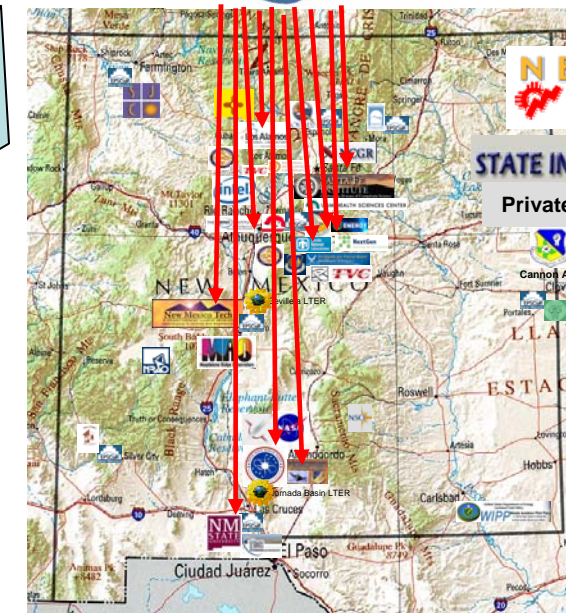
SPEED BUMP #10. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

Investment Support and Commercialization

<http://www.nm-trc.org/>



- First Round BAA Grants - 2006
- Radiopharmaceutical Isotopes
 - Hydrogen Generation/Power Systems
 - Adaptive Optics
 - Supercapacitor Applications



Science & Technology Corporation @ UNM Research Park
 NMSU Arrowhead Research Park
 NM Tech Research/Industrial Park

NEW MEXICO ECONOMIC DEVELOPMENT Department

STATE INVESTMENT COUNCIL
 Private Equity Investment Program

- Air Force Research Laboratory
- Army Research Laboratory
- Los Alamos National Laboratory
- The MIND Institute
- National Center for Genome Resources
- New Mexico State University
- New Mexico Institute of Mining and Technology
- Sandia National Laboratories
- University of New Mexico
- White Sands Missile Range