

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

- Institute for Advanced Studies
- NM Research Council
- Research Institutions
- Technology Ventures Corp
- Regional Development Corp
- Ngenuity
- Economic Development entities
 - Research Parks
 - Federal Agencies
 - National Laboratories
 - New Mexico Economic Development Partnership

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).

THE FRONT PAGE - Guest Columnist

10 Speed Bumps on the Export Superhighway

Speed Bump #7. TAKE A DEEP BREATH IN NEW MEXICO AND ENHANCE OVERSEAS.

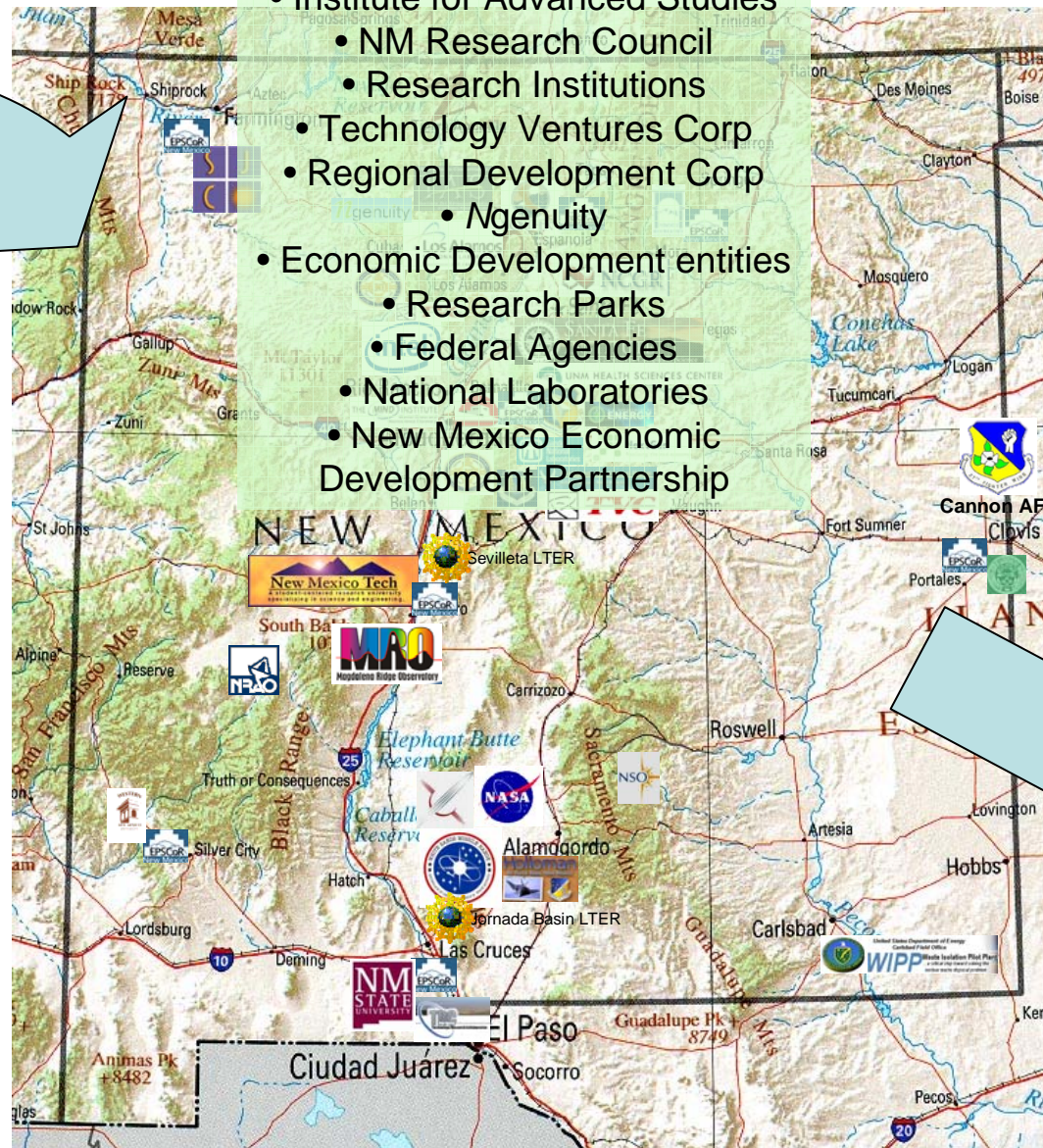
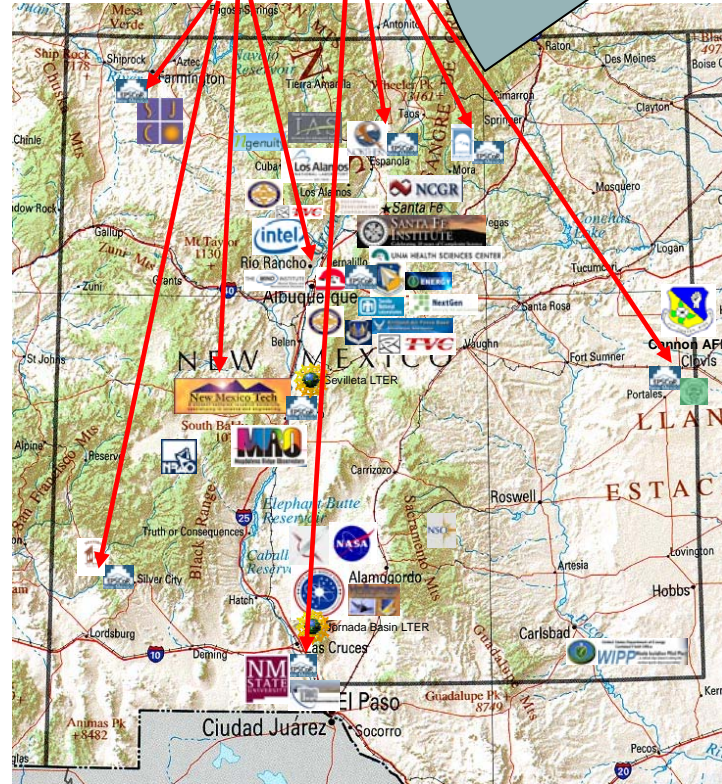
Speed Bump #8. COMMUNICATION, COMMUNICATION, COMMUNICATION.

Speed Bump #9. HOW DO I CHOOSE THE RIGHT MARKET?

Investment Support and Commercialization

Early Investment in Research Infrastructure

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



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



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



- 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

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.

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

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