Governing Committee Best Practices Workshop

Jack Jekowski – Co-Chair

22nd National NSF EPSCoR Conference
Coeur d’Alene, Idaho
October 26, 2011
State Advisory Committee

- NM EPSCoR planning grant - 2001
- Formal Bylaws established in 2004
- State Committee serves in an advisory capacity to the Council of University Presidents (CUP)
- Charged by the CUP with:
  - Development of State S&T Plan
  - Selecting research areas
  - Coordinating with state agencies and national labs
  - Promoting private sector involvement
State Advisory Committee

- Diverse membership
  - Higher Ed
  - Public Ed
  - Private Sector
  - National Labs
  - State Legislators
  - Governor’s Office (Science Advisor)
  - State Economic Development Department
- Co-chairs – private sector and Secretary of Higher Education
State Committee Milestones

- Support from State Chamber of Commerce
- Formal Organizational Structure
- Impetus and support for State S&T Plan
- Communicating mission – Research Investment Landscape
- Advocate for basic research
Technology21

Innovation and Technology in the 21st Century
Creating Better Jobs For New Mexicans

A Science and Technology Roadmap for New Mexico’s Future

New Mexico Governor Susana Martinez’ Office
and
New Mexico Economic Development Department

A Science and Technology Roadmap for New Mexico’s Future:
Appendices

New Mexico Governor Susana Martinez’ Office
and
New Mexico Economic Development Department
The Research Investment Landscape in New Mexico

Early Investment in Research Infrastructure

NSF RII Track II Cyberinfrastructure Award
• Connectivity—Gateways installed statewide
• Interoperability—agreed upon standards for metadata and web portal development among ID, NV, NM
• Cyber-learning - mid and high school computing modules (Supercomputer Challenge and GUTS) focused on climate change and water

Some early success stories:
• DataOne - $20M – a global data access and preservation network for environmental research
  http://www.dataone.org
• Valles Caldera National Preserve - $40M - USDA Grant for Collaborative Forest Landscape Restoration Program
  http://www.vallescaldera.gov

Sustainability and Build Out of New Capacity

• National Laboratories
• Institute for Advanced Studies
• NM Computing Applications Center
• Valles Caldera
• NM Research Council
• Research Institutions
• Federal Agencies
• Technology Ventures Corp
• Regional Development Corp
• Economic Development entities
• Research Parks
• New Mexico Economic Development Partnership

Investment Support and Commercialization

Direct Research: University of New Mexico, New Mexico State University, New Mexico Tech, New Mexico Highlands University
NSF UROP Participation: Western New Mexico University, Eastern New Mexico University, Northern New Mexico College, San Juan Community College, Diné College, Navajo Tech

C2 Cyber Infrastructure - Northern NM College, Navajo Technical College, Western NM University

K-12 STEM Initiatives

Informal Education – Public Outreach

Building Research Infrastructure to compete nationally

• Science & Technology Corporation @ UNM Research Park
• NMSU Arrowhead Research Park
• National Security Technology Incubator
• NM Tech Research/Industrial Park

S.B. 205 NM Research Applications Act (2009)
An Interesting Collaboration

- Track II Western Consortium Jurisdiction Matrices