



Presentation to:

Health and Human Services Committee

On

**“UNM HEALTH SCIENCES CENTER and the Future
of Health Care Work Force”**

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Future of the Health Care

WORKFORCE

Physicians



UNM School of Medicine

Established to:

- Provide **medical education** for the citizens of New Mexico and,
- Address **medically underserved areas** of the state

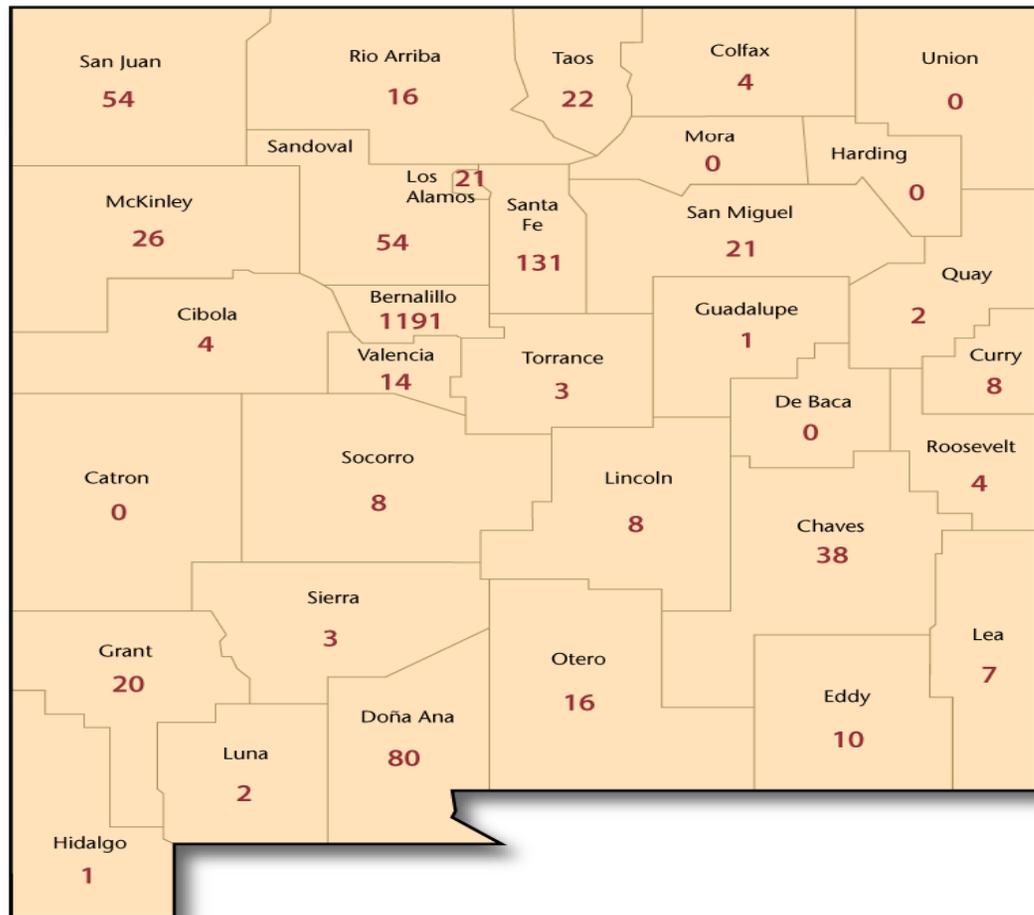


Physician Workforce Shortages

- New Mexico has a shortage of **2,000 physicians**
- Largest shortage is of primary care physicians (PCP) (**400 to 600 FTEs short**)
- Increase in primary care shortage each year **=.66%**
- NM will need **6.5 % per year** PCP FTE growth to have adequate supply by 2035



Location of Practice UNM Trained MDs in New Mexico



**40 % of All
New Mexico
Physicians**

UNM Trained MDs with New Mexico License and Address by County, 2009



BA/MD Degree Program

2006 - 2010

- 142 students
 - 66 (46%) Male / 76 (54%) Female
 - 97 (68%) Rural / 45 (32%) Urban
- 18 students started medical school this Fall *(total of 20 currently at SOM)*



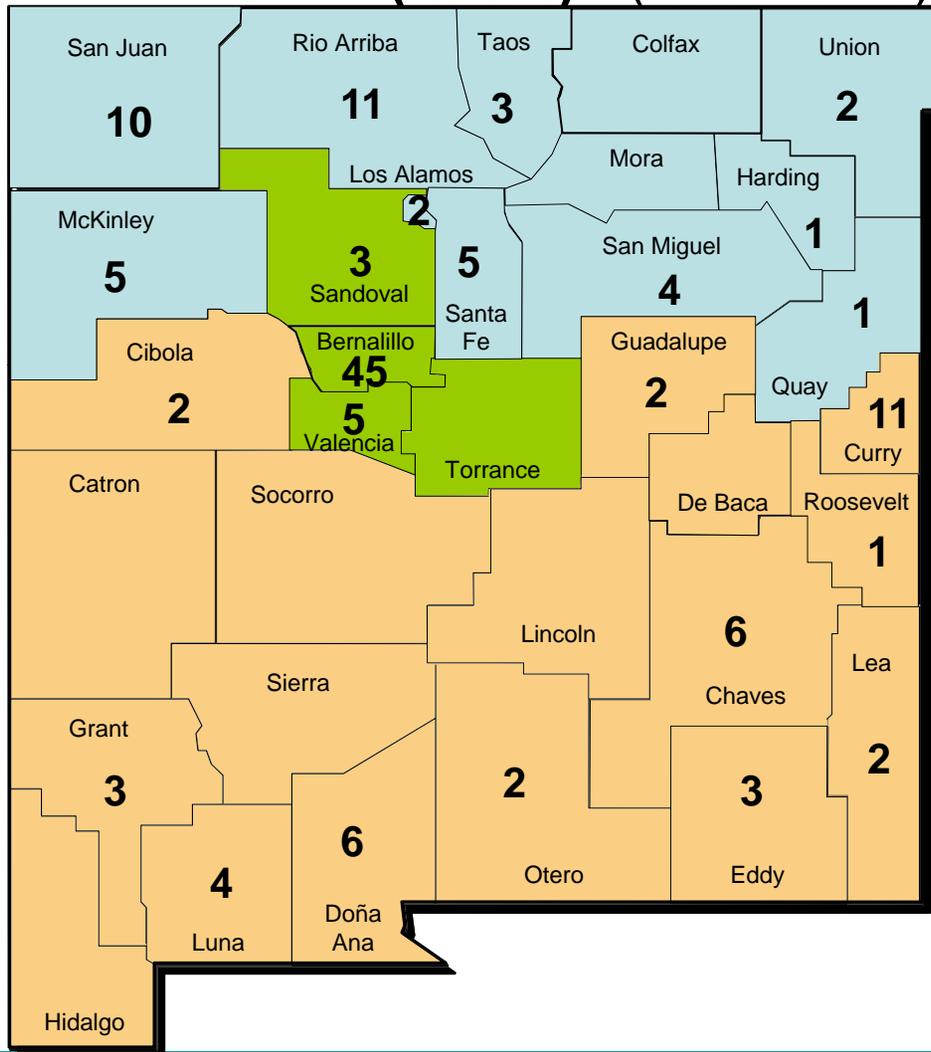
↑ class size from 75 to 103

- 39 Non-Hispanic White, 63 Hispanic/Latino, 17 Native American, 16 Asian/Pacific Islander, 5 African American, 2 not given



Hometowns of BA/MD Matriculants

(142) (2006-2010)



- North = 44
- Central = 53
- South = 45



BA/MD Program Financial Status Report

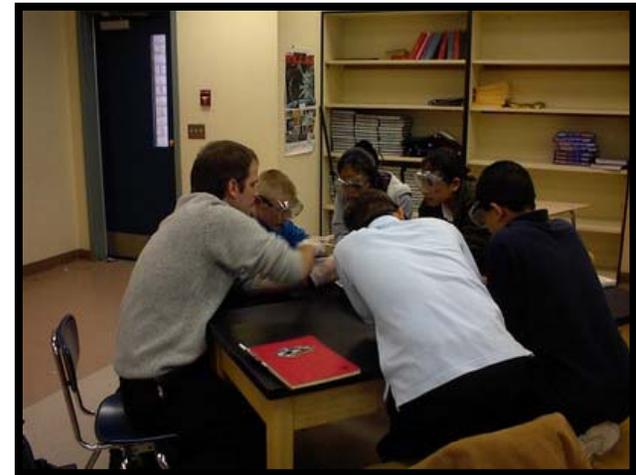
- 8 year long program (4 years BA/ 4 years MD)
- Incremental funding 2 more years (FY12, FY13)
- Current recurring funding: **\$3,617,746** *(6 years of funding)*
- FY 2012 Request: **\$732,900**



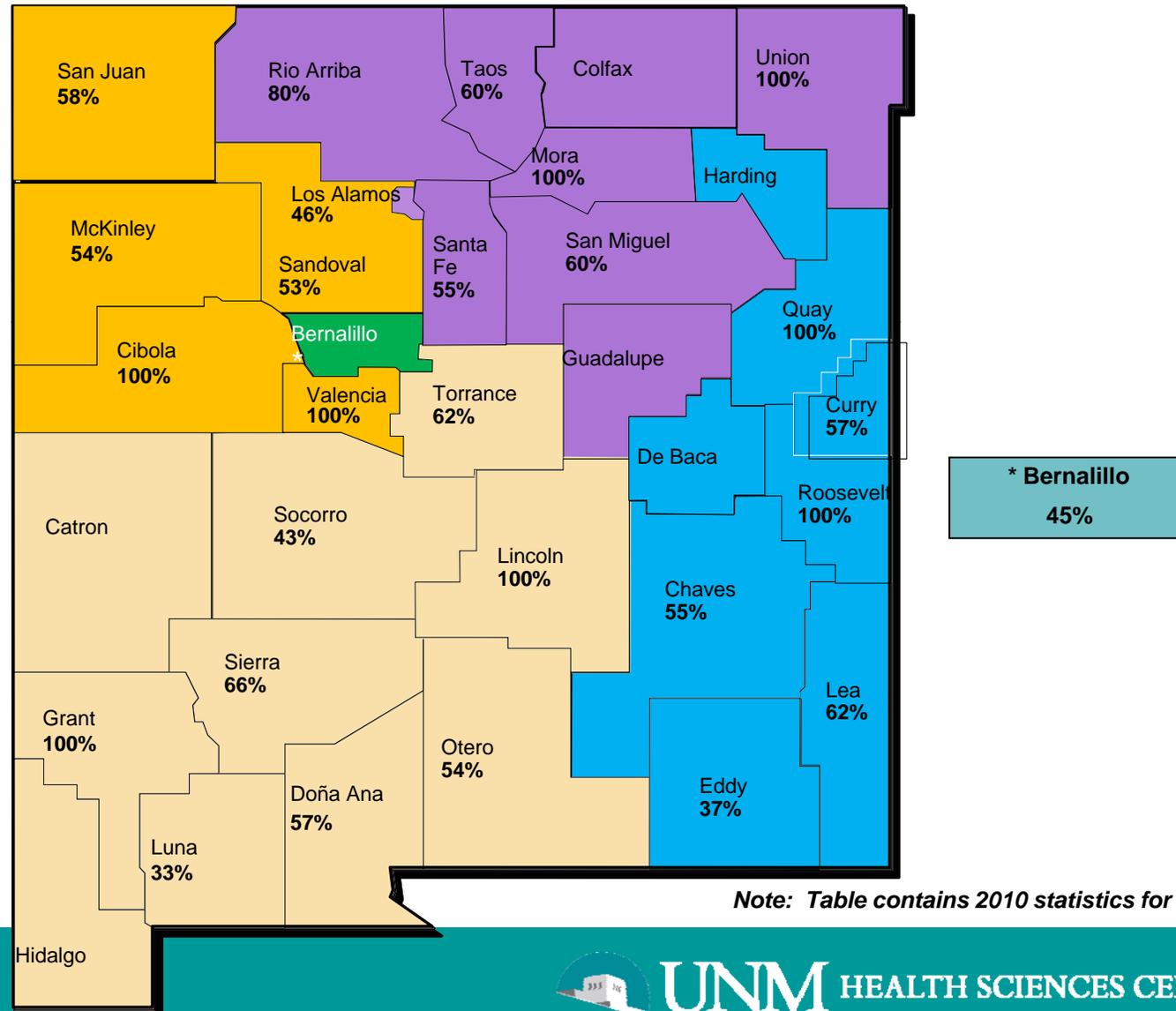
SOM Admissions

Criteria:

- **NM Resident** (few exceptions)
- **Minimal Scholastic Achievement** (MCAT; GPA)
- **“Non-Cognitive”** -- will they make a good physician in NM?



% NM Applicants Who Interviewed that were Accepted to SOM by High School County 2007- 2010



Note: Table contains 2010 statistics for BA/MD program

Curricular Innovations to Increase the Quality of Our Graduates

- Community Based Learning
- Poverty Medicine
- Cultural Competence
- Professionalism
- Public Health Certificate



Public Health Certificate

To Improve the Health of New Mexico Communities — 2020 Vision

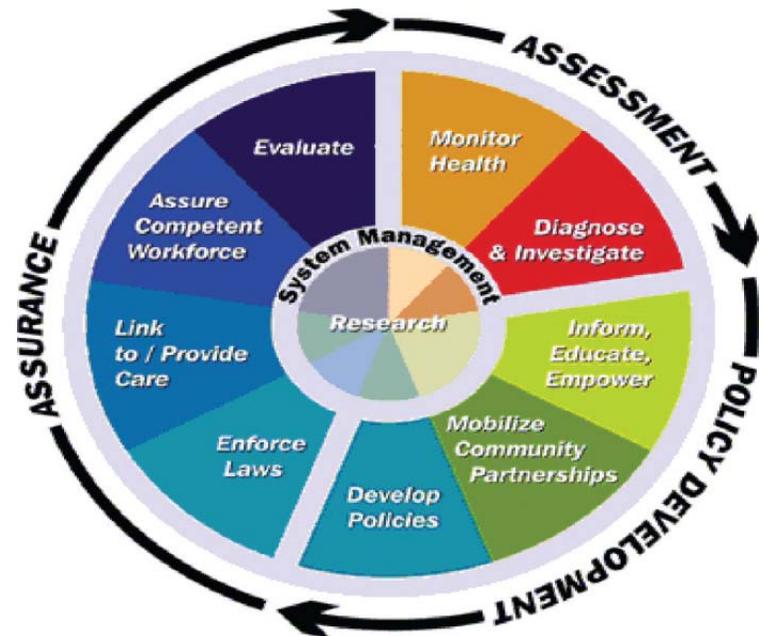
The 21st century physician's role in public health:

- Disease prevention
- Health promotion and protection
- Health Policy development/advocacy
- Awareness of behavioral, environmental, and other social determinants on health and disease
- Population focus to augment the effectiveness of individual practice
- Community participation
- Social responsibility
- Emergency preparedness
- Interprofessional development



Public Health Certificate

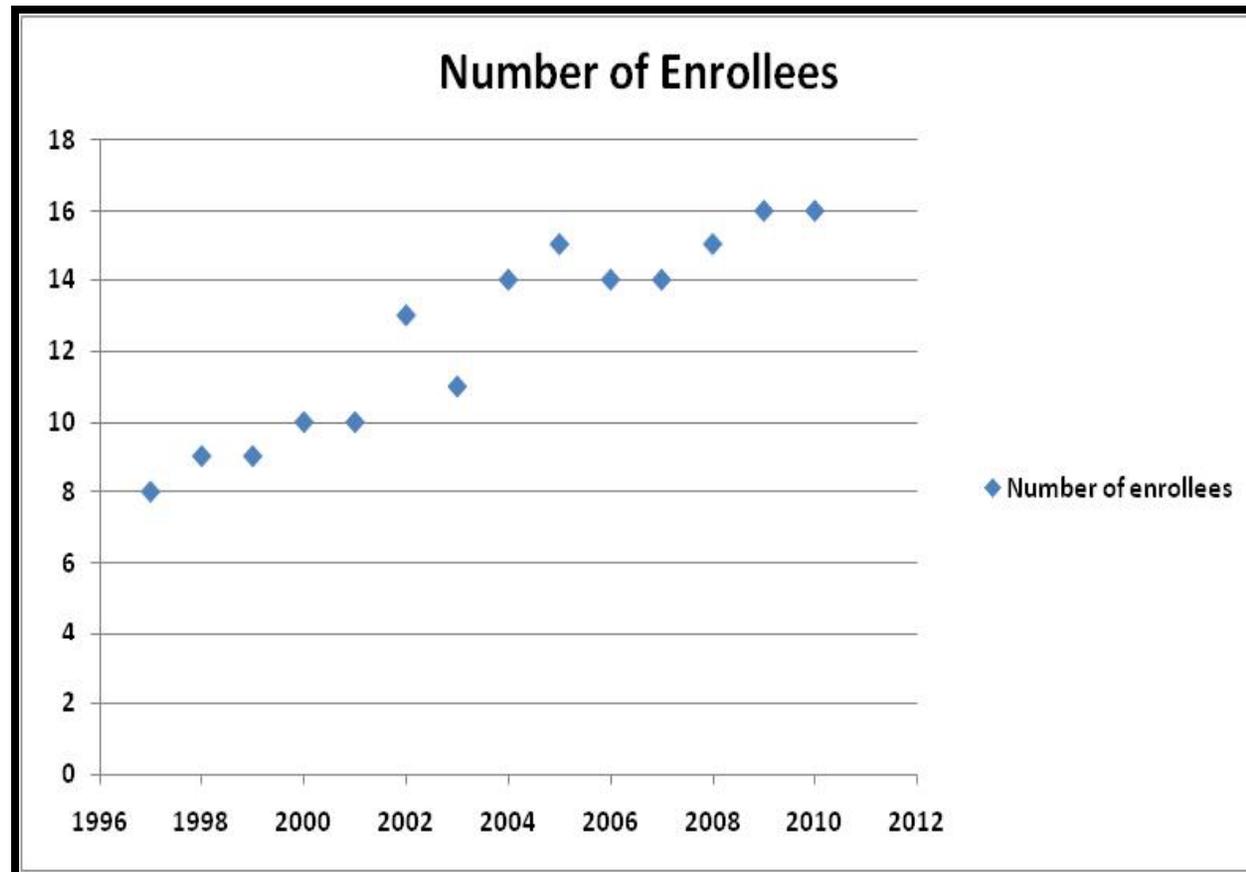
- Entering class of **2010** will be graduating with certificate in Public Health
- UNM is **FIRST** in the nation to offer for **ALL** medical students
- **Public health content** is integrated throughout the medical student curriculum



Future of the Health Care
WORKFORCE
Physician
Assistants



Physician Assistant Class Size Has Doubled



Graduated 142
& **> 85% have
remained in
NM**

Applied for
HRSA grant for
additional
support



Future of the Health Care WORKFORCE Dentists



NM Dental Facts

- NM ranks **49th in the nation** in # of dentists per 100,000
- **887** dentists in practice in NM
- **47%** of licensed dentists in NM are 55 years old or older
- State subsidizes **9 students** per year in the **WICHE program**



Current Plan to Increase Dentists

- Create Residency Program “Book End” Model
- BA & Regional DDS
- When Feasible -- Dental School



General Dental Residency Program

- Established in **2004** with 5 residents
- Increased class size from **5 to 10** residents in July 2009
- Rotates to **rural clinics**: Silver City; Roswell
- Current Funding: **\$1M** (? OR \$967,555 with cut?)
- Since 2004 there have been **37 Residents**
 - **62%** or 23 have remained in New Mexico
 - 5 African American; 5 Hispanic; 3 Asian; 22 White; 2 Other



BA/DDS

- Building on the BA/MD undergraduate experience -- **“Book End” Model**
- Communications with out of state Dental Schools for **Regional Dental School Concept**
- **20** students



Future of the Health Care
WORKFORCE
Nurses

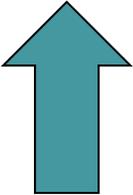


Nursing Workforce Shortages

- NM Ranks **50 out of 50 in the nation** for RNs per 100,000 population (600 versus 836 national average)
- Estimated need for more than **100 additional nursing faculty** in NM



Mission CON at UNM

-  # of BSNs
- Train Advanced Practice Nurses
- Produce Faculty for the State of New Mexico



Advanced Practice Nursing

(Nurse Practitioner, Certified Nurse Midwife)

- In the past five years, **90%** of Nurse Practitioner graduates have been **retained in New Mexico** practices (# of CNM grads is 31; # of NP grads is 86)
- Of those, **33%** are in practices outside of **Bernalillo** County
- Nurse-Midwifery Program is ranked **3rd** in the nation (8-12 per class)
- **38%** of all births in New Mexico are attended by CNMs -
- the highest rate in the country



Future of the Health Care
WORKFORCE
Pharmacists



College of Pharmacy

- New Mexico is **1 of 20 states** having difficulty filling positions
- **91** Pharmacy Students started at COP this Fall
- **UNM / NMSU** Cooperative Pharmacy Program (14 per class)



Future of the Health Care
WORKFORCE
Allied Health



Allied Health Professionals

(Entering Students Fall 2010)

- Physical Therapy 28
- Dental Hygiene 24
- Emergency Med Services Academy 49
- Medical Laboratory Sciences 8
- Radio/ Nuclear Imaging 21
- Occupational Therapy 24



Requests



Legislative Request

Capital Request:

Domenici Center for Health Sciences Education

- Need to complete Phase III
- Phase III(b) Capital request for FY12
 - Est. Project Cost: **\$11,250,000*** (**construction, partially equipped, no backfill*)

Program Request:

- BA/MD **\$732,900**



Health Care Reform



Underlying Objectives for PPACA

1. **Increase Access** to Coverage through Insurance Reform
2. **Reimburse Providers** based on Quality and Cost rather than Quantity
3. Address Health Professional **Shortage**
4. Invest in **Wellness and Prevention** to reduce costs in future
5. **Cut Waste** and Profit -Taking to pay for it now

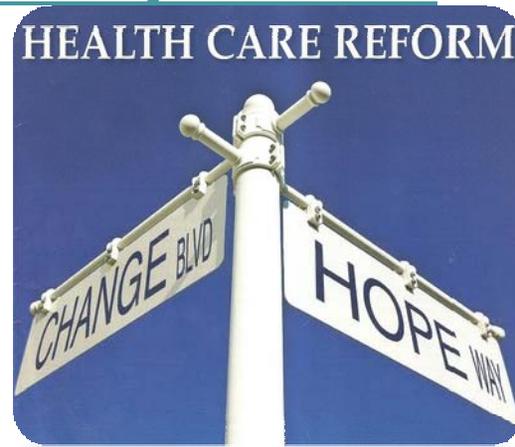


HSC Health Care Reform



Work Groups

- Medicaid/ Insurance Reform: Steve McKernan
- Value Based Performance: Carolyn Voss
- Workforce: Nancy Ridenour
- Alternative Delivery Model: Arthur Kaufman

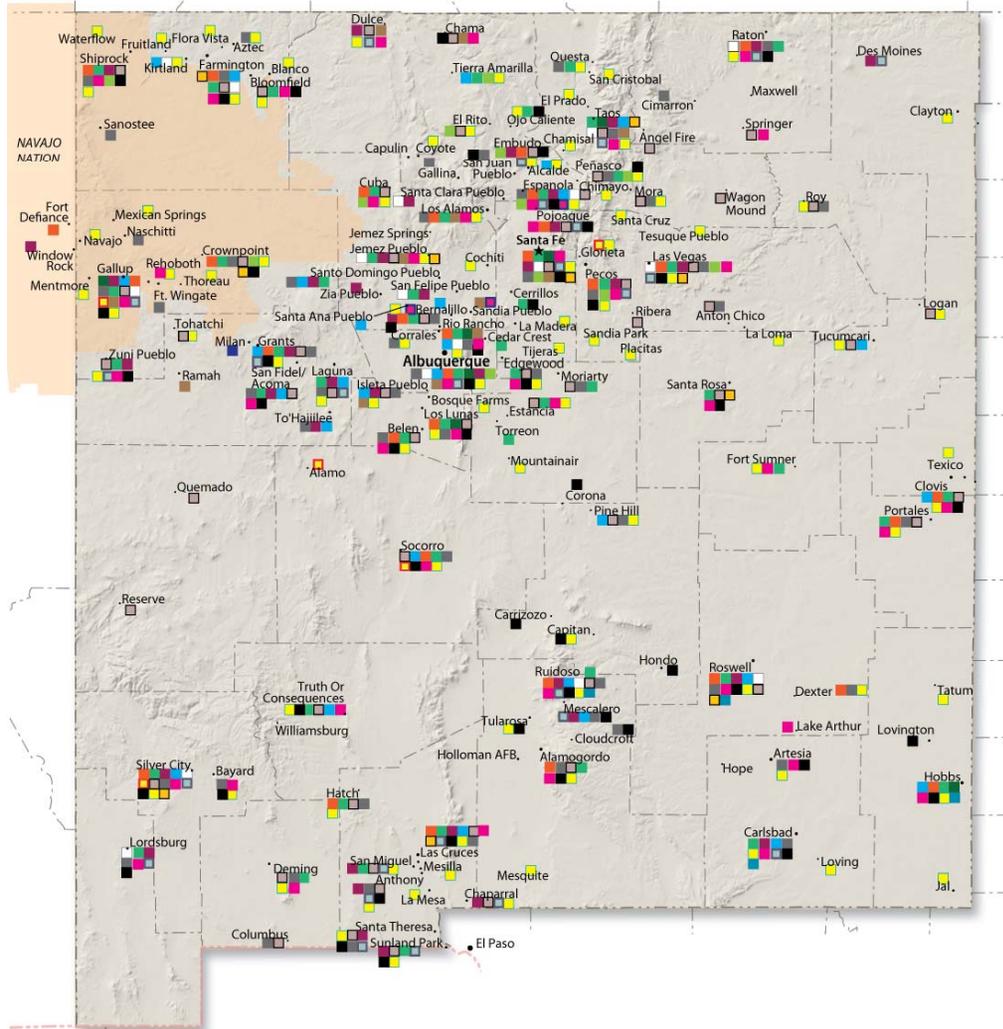


Health Care Reform

- Work Group Seminars:
 - “ What does it mean and how should we evolve as an academic health center”
 - August 23rd 1:30 ; August 31st 1:00
- Vision 2020:
 - September 15th 12:00 – 5:00
- Health Reform Leadership Retreat:
 - Mid - November -- Tamaya Resort



Community Engagement, 2009



EDUCATION SITES

- Preceptor Sites, School of Medicine
- Preceptor Sites, College of Nursing
- Education Sites, School of Medicine
- Education Sites, College of Nursing
- Behavioral Health Education Sites
- Health Sciences Library Distance Ed

EDUCATION & PATIENT CARE SITES

- College of Pharmacy Patient Care & Education Sites
- Santa Fe 1+2 Residency Sites
- Roswell 1+2 Residency Sites

TELEHEALTH SITES

- Center for Telehealth
- Behavioral Health Telehealth
- Project ECHO

HEALTH EXTENSION RURAL OFFICES

- Regional HERO Offices

PATIENT CARE SITES

- SOM Patient Care Sites
- Behavioral Health Patient Care Sites

COMMUNITY RESEARCH SITES

- Behavioral Health Research Sites
- RIOS Net Practice Locations
- College of Pharmacy Research
- CDD Research Sites

525 Activities in 141 Communities



Contact Information

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UNM HEALTH SCIENCES CENTER