Decentralizing the University, Broadening the Health Team, Addressing Social Determinants

Access to Healthcare in Rural America
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New Institutional Vision Statement

“The University of New Mexico Health Sciences Center will work with community partners to help New Mexico make more progress in health and health equity than any other state by 2020.”
Quality Care is Not Enough
ex. Diabetes in Native Americans

- Recommended Preventive Services:
  - Native Americans have best rates
- Deaths from Diabetes:
  - Native Americans have highest rates

New Mexico Dept of Health 2010 Report on Ethnic Disparities in Health

Establish Health Extension Rural Offices

- Place full-time agents in rural communities across the state
- Link community health priorities with UNM resources
- Monitor effectiveness of university programs in addressing community health needs

Regional HERO Agents/Coordinators
Becoming Regional Academic Hubs

Location of HEROs

Expansion of HEROs to Academic Hubs

Health Professional Shortages in Lea County

<table>
<thead>
<tr>
<th>Health Professional</th>
<th>Estimated # of Hth Professionals Needed per Population</th>
<th>Licensed Health Professional Residing in Lea County</th>
<th>Provider Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians</td>
<td>108</td>
<td>60</td>
<td>48</td>
</tr>
<tr>
<td>Nurse Practitioners</td>
<td>54</td>
<td>17</td>
<td>37</td>
</tr>
<tr>
<td>Pharmacists</td>
<td>46</td>
<td>0</td>
<td>46</td>
</tr>
<tr>
<td>Physician Assistants</td>
<td>54</td>
<td>6</td>
<td>48</td>
</tr>
<tr>
<td>Occup. Therapists</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Physical Therapists</td>
<td>22</td>
<td>15</td>
<td>7</td>
</tr>
<tr>
<td>Dentists</td>
<td>39</td>
<td>7</td>
<td>32</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>466</td>
<td>379</td>
<td>87</td>
</tr>
<tr>
<td>LPNs</td>
<td>144</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cert. Nur. Midwives</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Licensed Midwives</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
Example of Determinant and Outcome Tracking in State

<table>
<thead>
<tr>
<th>Determinant/Outcome</th>
<th>2010 Value</th>
<th>2011 Value</th>
<th>2010 Rank</th>
<th>2011 Rank</th>
<th>No. 1 State (#)</th>
<th>To move up 3 states</th>
<th>What this means for us</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Care Physicians (number per 100,000 population)</td>
<td>113.6</td>
<td>113.9</td>
<td>27</td>
<td>27</td>
<td>191.9</td>
<td>116</td>
<td>About 50 more primary care physicians</td>
</tr>
<tr>
<td>High School Graduation (percent of incoming 9th graders)</td>
<td>59.1</td>
<td>66.8</td>
<td>48</td>
<td>45</td>
<td>89.6</td>
<td>64.1</td>
<td>About 1,500 more students graduating</td>
</tr>
</tbody>
</table>

Community Health Workers (“Promotoras”): Sustainable Funding via Medicaid Managed Care Organizations

- Managed Medicaid MCO profits reduced by high ER use
- MCO contract with Univ to hire, HEROs to train CHWs –
- CHWs assigned “panel” of high users to “manage” in field

**Results:**
- 62% reduction in cost to MCOs
- Program extended to 2 other MCOs
- Program expanded to half the 33 counties in the state
- MCOs spreading model to 9 other states
- Blue Cross gave grant to train Primary Care to work with CHWs
Health Extension, Cooperative Extension and CHWs Working Together on Social Determinants

Cooperative Extension gives nutrition classes in primary care clinics
Food Co-op
Economic development
    ollas
    honey
    eggs chickens
    plants
Housing renovation
Urban Gardening