NIH INBRE in New Mexico

Since 2001, NIH IDeA funding has supported the NM-INBRE statewide network that encourages the development of innovative and sustainable research environments for faculty and students, community engaging health initiatives, and basic, clinical, and translational research in New Mexico.

Program Highlights

- Research funds for young faculty
- Student training programs
- Technical services
- Science education enhancements
- Research infrastructural investments
- Disease & treatment research
- Bioinformatics Core
- Health disparity research
- Community engagement opportunities

Cumulative Program Outcomes

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Program Funding</td>
<td>$63M</td>
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<tr>
<td>New Instrumentation</td>
<td>$4.1M</td>
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<tr>
<td>Students Trained</td>
<td>1215</td>
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<tr>
<td>NM-INBRE Students in STEM pipeline</td>
<td>60%</td>
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<tr>
<td>Research Projects</td>
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<tr>
<td>Add-on Funding</td>
<td>$83M</td>
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<td>Publications</td>
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<td>Presentations</td>
<td>1981</td>
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<td>Bioinformatic Pilots</td>
<td>139</td>
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</tbody>
</table>

updated Feb. 2020
New Mexico INBRE Network Components

A cross-network partnership of
3 research university campuses
6 primarily undergrad institutions
1 non-profit institute
2 tribal communities

Admin Core provides leadership, management, coordination, and oversight for the scientific and programmatic development and operation of the network

External advisory and Steering Committee (SC) members, and expert Science & Educational Advisors form a system of enhanced oversight to all programmatic and research activities

Sequencing & Bioinformatics Core provides resources, tools, and training to enhance research and career development of all network participants

Program Spotlight

Student research, skill, & career training

**NISE Bootcamp**
Promising students are engaged in their first research experience cohort-based, structured lab training at NMSU

**NISE Prep**
Students engage in first mentored research experience at home institution

**NISE Internship**
Advanced students conduct intensive, lab, medical, or field-based research at NMSU or UNM

**NISE Bioinformatics**
Advanced training in bioinformatics tools and approaches at NCGR

Program Spotlight

NM-INBRE Native Health Initiative

Pueblo-need responsive, coordinated, participatory research to address critical health disparities

Kidney disease
Cardiovascular disease
Nutritional deficit
Diabetes
Cancer

Significant outcomes
Increased awareness & screening
Improved treatment & compliance
Development of cooperative health models