

SAN JUAN COLLEGE



# New Mexico INBRE

## IDeA Networks of Biomedical Research Excellence

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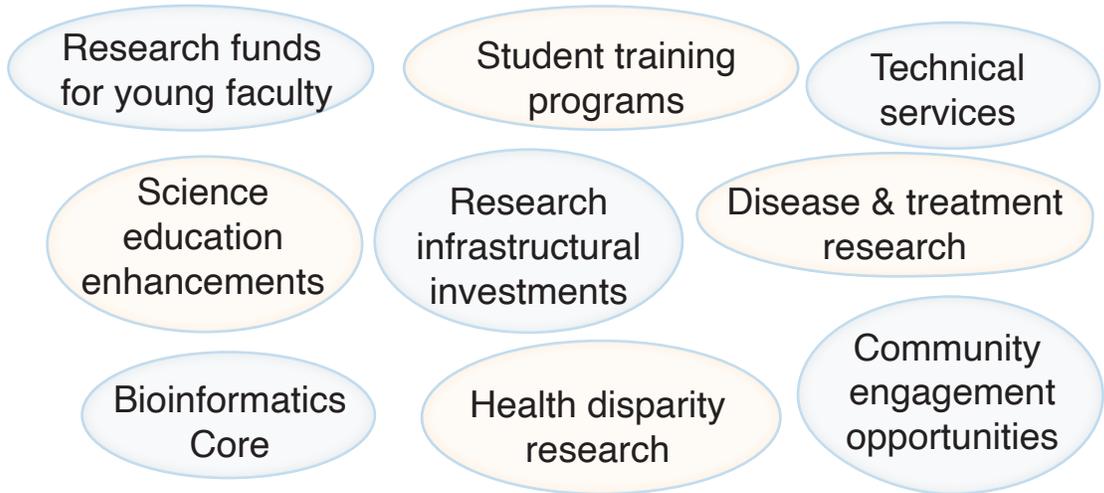
[www.nminbre.org](http://www.nminbre.org)



### 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



#### Cumulative Program Outcomes

<b>\$63M</b>	Program Funding	<b>85</b>	Research Projects
<b>\$4.1M</b>	New Instrumentation	<b>\$83M</b>	Add-on Funding
<b>1215</b>	Students Trained	<b>640</b>	Publications
<b>60%</b>	NM-INBRE Students in STEM pipeline	<b>1981</b>	Presentations
		<b>139</b>	Bioinformatic Pilots

updated Feb. 2020



# New Mexico INBRE Network Components



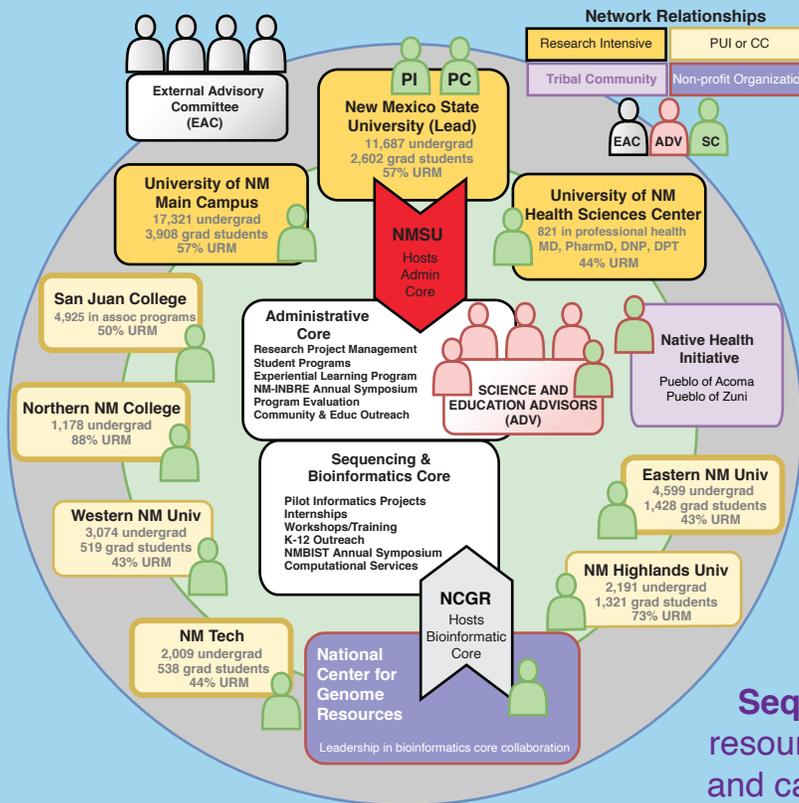
A cross-network partnership of

- 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



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

