THE NIH IDeA PROGRAM IN WYOMING

- BUILDS RESEARCH PROGRAMS
- CREATES INNOVATION
- PROVIDES EDUCATION
- GENERATES WORKFORCE
- IMPROVES PUBLIC HEALTH

CoBRE, INBRE, and IDeA-CTR AWARDS in WYOMING

IDeA Network of Biomedical Research Excellence (INBRE)
1 current award: $17.4 million, $54.5 M 2000-2020
Build Wyoming’s biomedical research and education infrastructure

Centers of Biomedical Research Excellence (CoBRE)
1 new award: $989,708
Sensory Biology Center

IDeA – MW Clinical and Translational Research (CTR)
Member Mountain West Research Consortium CTR-Infrastructure Network
6 pilot and 2 multi-site projects- $250K

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>INSTITUTION</th>
<th>YEARS IN OPERATION</th>
<th>IDEA FUNDS AWARDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neuroscience Center</td>
<td>UW</td>
<td>2000-2014</td>
<td>$27,218,227</td>
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<tr>
<td>Wyoming INBRE</td>
<td>UW</td>
<td>2000-2020</td>
<td>$54,419,313</td>
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<tr>
<td>Wyoming INBRE Education/ Research Network</td>
<td>CWC</td>
<td>2004-2020</td>
<td>$613,572</td>
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<td>Wyoming INBRE Education/ Research Network</td>
<td>LCCC</td>
<td>2008-2020</td>
<td>$492,145</td>
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<tr>
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<td>NWC</td>
<td>2003-2020</td>
<td>$446,202</td>
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<td>Wyoming INBRE Education/ Research Network</td>
<td>NWCCD</td>
<td>2002-2020</td>
<td>$540,954</td>
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<tr>
<td>Wyoming INBRE Education/ Research Network</td>
<td>WWCC</td>
<td>2002-2020</td>
<td>$675,798</td>
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<td>MWRC CTR-IN Pilot Projects</td>
<td>UW</td>
<td>2013-2016</td>
<td>$240,000</td>
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<tr>
<td>TOTAL IDeA FUNDS:</td>
<td></td>
<td></td>
<td>$81,887,540</td>
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</table>
The CoBRE, INBRE and CTR generate, complement, and enrich WYOMING’s biomedical research strengths by leveraging NIH investment in personnel, equipment, core facilities and student programs to solve health problems, build research capacity, and build a better student pipeline for the next generation of physicians, healthcare workers, and scientists. Clinical and translational research supported by the CTR program seeks to reduce health disparities in underserved and understudied populations in the intermountain states, Hawaii and Alaska.

**TOP NIH-FUNDED WYOMING RESEARCH AREAS**
- Neurosciences
- Diabetes
- Obesity
- Neuroinflammation/degeneration
- Cell biology
- Sensory biology
- Biomaterials
- Cardiometabolic disease

**ECONOMIC IMPACT ON WYOMING**
The IDeA Program has had a $183.3 million dollar economic impact in WYOMING since 2000.

**IMPACT OF NIH/IDeA IN WYOMING**

*Research*
- Support for research infrastructure at UW, UWC, and WY community colleges. All Wyoming CCs and UWC have well-equipped research dedicated laboratories.
- Assisting recruitment of CC and UW faculty with startup and project funding.
- ~80 research projects funded since 2009 including 22 directly partnering CC and UW faculty. All UW awards require CC/UWC education/research commitment.

*Education*
- Mentoring and professional development for junior and CC faculty.
- Education/training pipeline for students from community colleges to UW to biomedical and allied health careers, including ~110 GAs and ~500 undergraduates (42 GAs and 133 undergrads during 1st two years of current INBRE) directly supported.

*Workforce Development*
- Connecting biomedical researchers to business and industry.
- Training the next generation of biomedical scientists and educators.

*Public Health*
- Research ranging from the biochemical to community-based on rural and Native American health issues.
- Connection to regional Health Disparities programs and projects through MW CTR-IN.