The Institutional Development Award (IDeA) is a congressionally mandated program that builds research capacity in states that historically have had low levels of NIH funding. It supports competitive basic/clinical/translational research, faculty development, and infrastructure improvements. The program aims to strengthen an institution’s ability to support biomedical research, enhance the competitiveness of investigators in securing research funding, and enable clinical and translational research that addresses the needs of medically underserved communities.

The IDeA programs generate, complement, and enrich Idaho’s research strengths by leveraging NIH investment in personnel, equipment, core facilities, and student programs to solve health problems and enhance a student pipeline for the next generation of physicians, healthcare workers, and scientists.

**Economic Impact on Idaho**

The IDeA Program has had a $365 million economic impact in Idaho since 2000


**Impact of Program FY22-23**

**Research**
- Infrastructure for junior research investigators to launch their careers
- Providing access to data science Cores
- Core facilities with state-of-the-art research equipment
- Interdisciplinary model-based research
- Discovery of fundamental knowledge impacting new treatments

**Workforce Development**
- Undergraduate internships in local biomedical industries
- Cross-disciplinary training

**Education**
- Student pipeline for the next generation of scientists
- Involvement on interdisciplinary teams
- Graduate and undergraduate student training and support

**Public Health**
- Enhancing research to solve health problems
- Providing a foundation for treatments for cardiovascular disease, cancer progression, liver fibrosis, and ligament repair
- Contributing to solutions for drug resistance, vaccine efficacy, and emerging new diseases

**Program Overview**

**IDeA Awards in Idaho**
- Build research programs
- Improve public health
- Provide education
- Generate workforce
- Create innovation & regional networks

**COBRE** – 3 current awards (6 total): $55.3 million

**INBRE** – 1 current award: $83 million

**Top NIH-Funded Idaho Research Areas:**
- Pathogenesis
- Drug Development
- Mathematical Modeling
- Matrix Biology
- Biosensors
- Developmental Biology
Success Stories FY22-23

Nicholas Pancheri (Nick) was an INBRE Fellow at the UI. Nick says, “I had an incredible opportunity to conduct impactful research in my collegiate career that helped me discover my passion for biomedical research. My experiences led to a Goldwater Scholarship and a Beckman Fellowship.” Nick is currently a Ph.D. student in biological engineering at the University of Oregon.

Eric P. Stoffregen, Ph.D. Associate Professor at Lewis-Clark State College (LCSC), was an INBRE Project Leader and student Preceptor. His laboratory runs exclusively with undergraduate students. He has the first NIH investigator-initiated grant ever received by LCSC. Eric says, “It would be impossible to overstate the impact of Idaho-INBRE support on my development as an independent investigator.”

Statewide Funding (Idaho: COBRE/INBRE/CTR) FY23-24

<table>
<thead>
<tr>
<th>Program/Grant Name</th>
<th>Type/Institution</th>
<th>Years in Operation</th>
<th>IDeA Funds Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idaho INBRE</td>
<td>University of Idaho</td>
<td>2001 – 2025</td>
<td>$83,001,193</td>
</tr>
<tr>
<td>*INBRE-5 competitive renewal</td>
<td></td>
<td>*2025-2029</td>
<td>*$19,377,373</td>
</tr>
<tr>
<td>COBRE: Host-Pathogen Interactions</td>
<td>University of Idaho</td>
<td>2000 – 2009</td>
<td>$18,957,726</td>
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<tr>
<td>COBRE: Processes in Evolution</td>
<td>University of Idaho</td>
<td>2002 – 2017</td>
<td>$27,053,870</td>
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<tr>
<td>COBRE: Matrix Biology</td>
<td>Boise State University</td>
<td>2014 – 2024</td>
<td>$22,741,690</td>
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<tr>
<td>COBRE: Center for Modeling Complex Interactions</td>
<td>University of Idaho</td>
<td>2015 – 2025</td>
<td>$22,330,923</td>
</tr>
<tr>
<td>COBRE: Emerging and Re-emerging Pathogens</td>
<td>Idaho Veterans Research and Education Foundation</td>
<td>2016 – 2021</td>
<td>$10,000,000</td>
</tr>
<tr>
<td>COBRE: Convergent Engineering and Biomolecular Science (CEBS)</td>
<td>Boise State University</td>
<td>2023 - 2028</td>
<td>$10,211,743</td>
</tr>
</tbody>
</table>

* Pending NIH Award (not included in $ total)  
** Pending NIH Review

Total Awarded $194,297,145