The National Institutes of Health (NIH) Institutional Development Award (IDeA) programs in Oklahoma complement and enrich Oklahoma’s research strengths by leveraging NIH investment in personnel, equipment, core facilities and student programs to solve health problems, build research capacity, and expand and strengthen opportunities for the next generation of physicians, healthcare workers, and scientists. Clinical and translational research through NIH IDeA support also seeks to reduce health disparities in underserved and understudied populations.

**Centers of Biomedical Research Excellence (CoBRE)**
*(Disease-specific research centers)*

**IDeA - Clinical and Translational Research (OSCTR)**
*(Multi-institution and agency collaboration)*

**IDeA Network of Biomedical Research Excellence (OK-INBRE)**
*(Statewide research capacity and infrastructure improvement)*

BUILD RESEARCH PROGRAMS
- CANCER RESEARCH
- AUTOIMMUNE DISORDERS
- INFECTIOUS DISEASES
- STRUCTURAL BIOLOGY

IMPROVES PUBLIC HEALTH
- DIABETES
- VISION
- OBESITY
- HEALTH SERVICES

PROVIDES EDUCATION AND WORKFORCE
- RESEARCH TRAINEES
- FACULTY CAREER DEVELOPMENT
- TEACHER EDUCATION

Statewide and Regional Collaborators among the Oklahoma IDeA Programs
**Oklahoma IDeA Awards**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Institution</th>
<th>Years of Operation</th>
<th>IDeA Funds Awarded through end of grant period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science in a Culture of Mentoring</td>
<td>OMRF</td>
<td>2000 - 2017</td>
<td>$21,734,216</td>
</tr>
<tr>
<td>Functional Genomic/Proteomic Analysis of Bacterial Host Interactions</td>
<td>OUHSC</td>
<td>2000 - 2010</td>
<td>$20,963,855</td>
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<tr>
<td>Mentoring Vision Research</td>
<td>OUHSC</td>
<td>2002 - 2013</td>
<td>$23,800,000</td>
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<tr>
<td>Interdisciplinary research in vascular biology</td>
<td>OMRF</td>
<td>2003 - 2021</td>
<td>$28,751,761</td>
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<tr>
<td>Biofilm Formation and Metabolism on Dental Surfaces</td>
<td>OUHSC</td>
<td>2003 - 2012</td>
<td>$9,700,000</td>
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<tr>
<td>Molecular Mechanisms and Genetics of Autoimmunity</td>
<td>OMRF</td>
<td>2004 - 2019</td>
<td>$31,155,096</td>
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<tr>
<td>Mentoring Diabetes Research in Oklahoma</td>
<td>OUHSC</td>
<td>2007 - 2022</td>
<td>$28,213,104</td>
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<tr>
<td>Oklahoma COBRE in Structural Biology</td>
<td>OU</td>
<td>2012 - 2022</td>
<td>$20,190,904</td>
</tr>
<tr>
<td>Mentoring Translational Cancer Research in Oklahoma</td>
<td>OUHSC</td>
<td>2012 - 2023</td>
<td>$21,425,175</td>
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<tr>
<td>Expanding Excellence in Developmental Biology in Oklahoma</td>
<td>OMRF</td>
<td>2013 - 2023</td>
<td>$25,811,740</td>
</tr>
<tr>
<td>Oklahoma Center for Respiratory and Infectious Diseases</td>
<td>OSU</td>
<td>2013 - 2023</td>
<td>$20,995,071</td>
</tr>
<tr>
<td>Children’s Health Equity Solutions Center</td>
<td>OSU CHS</td>
<td>2016 - 2021</td>
<td>$11,836,550</td>
</tr>
<tr>
<td>The Center for Neuroscience-based Mental Health Assessment and Predication (NEUROMAP)</td>
<td>LIBR</td>
<td>2017 - 2022</td>
<td>$11,989,205</td>
</tr>
<tr>
<td>Oklahoma Shared Clinical and Translational Resources (IDeA-CTR)</td>
<td>OUHSC</td>
<td>2013 - 2023</td>
<td>$40,532,460</td>
</tr>
<tr>
<td>Oklahoma IDeA Network of Biomedical Research Excellence</td>
<td>OUHSC</td>
<td>2001 - 2024</td>
<td>$83,306,063</td>
</tr>
</tbody>
</table>

**TOTAL**                                                                 $400,405,200

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**IMPACT OF NIH/IDeA IN OKLAHOMA**

**Research**
- Fundamental discovery from NIH awards leading to: New diagnostics, Treatment protocols, Biotech
- Infrastructure for junior clinical and research investigators to launch their careers
- Building translational research from bench-to-bedside-to-bench: Precision Medicine

**Education**
- Builds a pipeline of new healthcare providers for next generation (INBRE/OSCTR)
- Working with Physicians to enhance best practices in rural communities (OSCTR)
- Enhancing STEM degrees – thousands of teacher and student interactions (INBRE)

**Workforce Development**
- Biotechnology program development and improvement in Oklahoma (INBRE)
- Producing scientists and educators for Oklahoma and the country (CoBRE, INBRE, OSCTR)
- Working with tribal groups to train health care workers to improve healthcare for OK tribes (OSCTR interaction with Oklahoma City Area Inter-Tribal Health Board)

**Public Health**
- Enhancing research at the Stephenson Cancer Center, achieving NCI Cancer Center Designation (Research grants, NCI’s National Clinical Trials Network, OSCTR, CoBRE, INBRE)
- Clinical and translational research to improve health and healthcare for underserved and underrepresented populations and all citizens (OSCTR)
- OSCTR leveraged a $14.8 M award from AHRQ to disseminate best practices to reduce cardiovascular disease throughout Oklahoma (partnership with 300 physicians and clinics throughout Oklahoma)