THE NIH IDeA PROGRAM IN DELAWARE

BUILDS RESEARCH PROGRAMS
CREATES INNOVATION
PROVIDES EDUCATION
GENERATES WORKFORCE

Centers of Biomedical Research Excellence (COBRE)
7 current awards (8 total): $148,859,439

IDeA - Clinical and Translational Research (CTR)
1 current award: $19,865,000

IDeA Network of Biomedical Research Excellence (INBRE)
1 current award: $62,747,090

DELAWARE AWARDED $229 MILLION IN IDeA GRANTS

<table>
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<tr>
<th>IDeA PROGRAMS</th>
<th>INSTITUTION</th>
<th>FUNDING PERIOD</th>
<th>IDEA FUNDS AWARDED</th>
</tr>
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<tbody>
<tr>
<td>IDeA Network of Biomedical Research Excellence (INBRE)</td>
<td>UD</td>
<td>2001-19</td>
<td>$62,747,090</td>
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<tr>
<td>Accelerating Clinical and Translational Research (CTR)</td>
<td>UD</td>
<td>2013-18</td>
<td>$19,865,000</td>
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<td>Molecular Design of Advanced Biomaterials</td>
<td>UD</td>
<td>2002-19</td>
<td>$25,307,312</td>
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<td>Membrane Protein Production and Characterization</td>
<td>UD</td>
<td>2000-15</td>
<td>$22,026,069</td>
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<td>The Center for Pediatric Research</td>
<td>Nemours</td>
<td>2004-20</td>
<td>$30,378,230</td>
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<td>Osteoarthritis: Prevention and Treatment</td>
<td>UD</td>
<td>2002-17</td>
<td>$25,880,982</td>
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<td>Delaware Center for Neuroscience</td>
<td>DSU</td>
<td>2012-22</td>
<td>$12,467,594</td>
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<td>The Delaware Comprehensive Sickle Cell Research Ctr</td>
<td>Nemours</td>
<td>2014-19</td>
<td>$10,161,634</td>
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<td>Discovery of Chemical Probes and Therapeutic Leads</td>
<td>UD</td>
<td>2014-18</td>
<td>$11,245,421</td>
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<td>Cardiovascular Health</td>
<td>UD</td>
<td>2016-21</td>
<td>$11,392,179</td>
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<td>TOTAL IDeA FUNDS:</td>
<td></td>
<td></td>
<td>$227,192,851</td>
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$218 Million IDeA Funds Received

$474 Million Downstream Grants
TOP NIH-FUNDED DELAWARE RESEARCH AREAS

- Cancer
- Neuroscience
- Pediatrics
- Arthritis
- Cardiovascular
- Blood disorders
- Genetics
- Rehabilitation

ECONOMIC IMPACT ON DELAWARE

The IDeA Program has had a **$484 million dollar** economic impact in DELAWARE since 2000*

*Batelle Technology Partnership Practice study estimated $2.24 economic impact per $1 of NIH funding.

IMPACT OF NIH/IDeA IN DELAWARE

**Research**
- IDeA funding has led to 1006 additional grants
- The $218M of IDeA funding has led to $474M in new awards

**Education**
- 98% of undergraduate research interns graduate on-time
- National recognition of DE’s primarily undergraduate institutions

**Workforce Development**
- Created 7,475 one-year jobs as a result of IDeA funding
- Industrial research internships create jobs for students

**Public Health**
- Delaware’s most recent data shows cancer mortality rate has decreased 15 percent, representing remarkable progress since the 1990s, when the state had nation’s the second-highest mortality rate
- Efforts are ongoing across the state to better understand underlying causes of infant mortality and childhood obesity

The COBRE programs, as well as the INBRE and CTR programs, generate, complement, and enrich DELAWARE’s 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.

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