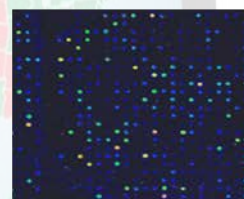


THE NIH IDeA PROGRAM IN ARKANSAS

- **BUILDS RESEARCH PROGRAMS**
- **CREATES INNOVATION**
- **PROVIDES EDUCATION**
- **DEVELOPS SCIENTIFIC WORKFORCE**
- **IMPROVES PUBLIC HEALTH**



COBRE, INBRE and OTHER IDeA AWARDS in ARKANSAS (FY 2018 Funding)

Centers of Biomedical Research Excellence (COBRE)

6 current awards: \$9,794,590

DCOC IDeA States Pediatric Clinical Trial Network

1 current award: \$41,881,887

IDeA Network of Biomedical Research Excellence (INBRE)

1 current award: \$3,676,728

ARKANSAS

PROGRAM	INSTITUTION	YEARS IN OPERATION	IDEA FUNDS AWARDED
Center for Protein Structure Function	University of Arkansas	2000-2015	\$26,797,677
Center for Translational Neuroscience	UAMS	2004-2019	\$26,215,856
Microbial Pathogenesis and Host Inflammatory Responses	UAMS	2012-2017	\$12,114,710
Center for Studies of Host Response to Cancer Therapy	UAMS	2015-2020	\$6,348,768
Center for Childhood Obesity Prevention	ACRI	2016-2021	\$3,742,630
Center for Translational Pediatric Research	ACRI	2017-2022	\$2,295,000
Center for Musculoskeletal Disease Research	UAMS	2018-2023	\$2,238,422
Arkansas IDeA Network of Biomedical Research Excellence	UAMS	2001-2020	\$60,460,720
DCOC IDeA States Pediatric Clinical Trials Network	UAMS	2016-2020	\$41,881,887
Total Funds			\$185,772,398

The CoBRE programs, as well as the INBRE and the IDeA States Pediatric Clinical Trials Network generate, complement, and enrich Arkansas'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.

TOP NIH-FUNDED ARKANSAS RESEARCH AREAS

- Cancer
- Drug Discovery
- Infectious Disease
- Lifespan Research
- Neuroscience
- Addiction Research
- Osteoporosis/Bone Health
- Obesity, Nutrition, and Human Health

IMPACT OF NIH/IDeA IN ARKANSAS

Research

- ❖ Basic research findings that increase understanding of human disease processes
- ❖ Acquisition of sophisticated instrumentation to enable basic, clinical and translational research

Education

- ❖ Increased opportunities for undergraduate students to participate in research
- ❖ Development of a graduate program in bioinformatics

Workforce Development

- ❖ Expansion of opportunities for Arkansas students to enter STEM fields
- ❖ Increased number of underrepresented minorities pursuing advanced STEM degrees
- ❖ Faculty career development

Public Health

- ❖ Increased statewide access to healthcare through telemedicine
- ❖ Increased access to pediatric clinical trials through the IDeA States Pediatric Clinical Trials Network

Innovation

- ❖ Development/commercialization of drugs, devices and diagnostics that impact human health
- ❖ Creation of biotechnology start-ups based in Arkansas