

Innovation at Work Arkansas



	<p>Total Direct and Indirect Economic Output of the Biopharmaceutical Sector</p> <p>\$1.1 billion</p>	<p>Total Employment Supported by the Biopharmaceutical Sector</p> <p>5,047</p>	<p>76%</p> <p>A majority of Americans agree that even if it brings no immediate benefits, basic scientific research that advances the frontiers of knowledge is necessary and should be supported by the federal government.</p>
<p>Local Perspective: Batesville, AR</p> <p><i>“As a two-year stroke survivor and practicing physician, I understand the importance of educating women about prevention. More research must be conducted so new opportunities for care, treatment and prevention are available”</i></p> <p><i>Lynda Beth Milligan, 55, American Heart Association advocate</i></p> <p><small>Photo: Arkansas Life and Arshia Khan</small></p>	<p>Arkansans who died from heart disease in 2014</p> <p>7,581</p>	<p>Total NIH Award Funding (FY16)</p> <p>\$97 million</p>	

Research in the Natural State

Eli Lilly and AstraZeneca, Jonesboro and Springdale, AR

The population of Americans with Alzheimer’s disease is predicted to reach 13.8 million by 2050. Eli Lilly and AstraZeneca are conducting phase III clinical trials testing the safety and efficacy of a treatment for early Alzheimer’s disease, which could slow the mental decline associated with the condition and allow patients to maintain independence.

Intervexion Therapeutics, Little Rock, AR

National Institutes of Health (NIH) funded researchers at Intervexion Therapeutics are working to develop the first vaccine to combat methamphetamine (meth) addiction. The most recent estimate places the economic burden of meth abuse at \$23.4 billion annually in the U.S.

University of Arkansas and the Food and Drug Administration (FDA), Fayetteville, AR

A University of Arkansas professor received funding from the National Science Foundation to work as a scholar-in-residence at the FDA. The collaboration will investigate a method of bacterial communication known as “quorum sensing,” which helps bacteria assess surrounding environments. Bacteria utilizing this method are commonly responsible for infections contracted from contaminated medical devices.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURES OF AMERICAN (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCHAMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JUNE 2016, UNIVERSITY OF ARKANSAS, CLINICALTRIALS.GOV.