

# Innovation at Work Utah



	<p>Total Direct and Indirect Economic Output of the Biopharmaceutical Sector</p> <p><b>\$18 billion</b></p>	<p>Total Employment Supported by the Biopharmaceutical Sector</p> <p><b>72,837</b></p>	<p>76%</p>
<p><b>Local Perspective: Orem, UT</b></p>	<p><i>"As a parent of a daughter with a rare disease who needed research to improve her quality of life, as well as speaking on behalf of thousands of families, Congress needs to support research to save our children's lives."</i></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>Season Atwater, founder of Aware of Angels</p>		<p>Utahans with a Rare Disease</p> <p><b>1 in 10</b></p>	<p>Total NIH Award Funding (FY16)</p> <p><b>\$185 million</b></p>

## Research in the Beehive State

### *Pfizer and Eli Lilly, Sandy, UT*

Pfizer and Eli Lilly are collaborating on phase III clinical trials to test the safety and efficacy of a new treatment for lower back pain, which affects over 19 million Americans.

### *University of Utah, Salt Lake City, UT*

Previous research has shown that there is a connection between low nursing staff levels and adverse outcomes for patient falls, medication errors and pressure ulcers. Agency of Healthcare Research and Quality (AHRQ)-funded researchers at the University of Utah are investigating if a similar relationship exists between labor and delivery nurse staffing levels and adverse maternal and newborn outcomes in maternity wards.

### *Brigham Young University (BYU), Provo, UT*

National Institutes of Health (NIH)-funded researchers at BYU are investigating the regulation of a specific protein that is known to promote tumor growth in humans. The results of this study could provide new therapeutic targets for inhibiting tumor growth.

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