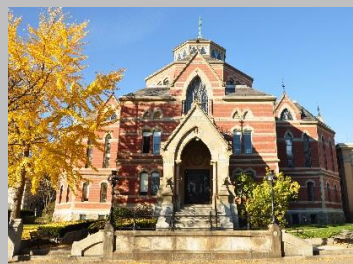


# Innovation at Work Rhode Island

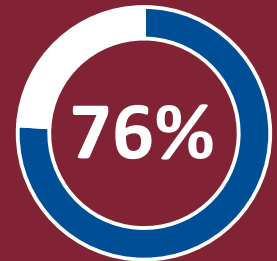


Total Direct and Indirect  
Economic Output of the  
Biopharmaceutical Sector

**\$4.4 billion**

Total Employment  
Supported by the  
Biopharmaceutical Sector

**14,972**



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.

## Local Perspective: Warwick, RI



Zachary and Ava Librizzi,  
living with Type 1 diabetes

*"Diabetes is considered a disability, I don't see my life as living with a disability. I see it as "this ability" to do great things. Supporting research like I have, will help save the lives of millions nationwide."*

*-Zachary, 18*



Rhode Islanders with  
diabetes

**106,210**

Total NIH Award Funding  
(FY14)

**\$131 million**

## Research in the Ocean State

### *Amgen and Novartis, Cumberland, RI*

Amgen and Novartis have partnered to develop a new treatment for migraine, a collection of neurological symptoms that is ranked as one of the most debilitating diseases by the World Health Organization. The collaboration is completing phase III clinical trials evaluating the safety and efficacy of the medication erenumaub.

### *University of Rhode Island (URI), South Kingston, RI*

National Institutes of Health (NIH)-funded URI researchers are working to combat alcohol dependence, which affects approximately 10% of adults in the U.S. The study builds on previous research focused on moderating the craving for alcohol.

### *Brown University, Providence, RI*

Diagnostic errors affect over 12 million patients in the U.S. It is estimated that nearly 80% of these errors are caused by inadequate or miscommunication between the patient and provider. The Agency for Healthcare Research and Quality (AHRQ) is funding researchers at Brown University who are working to reduce the frequency of diagnostic error by addressing these communication breakdowns.