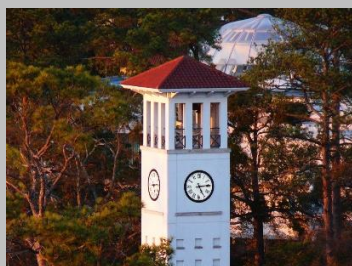
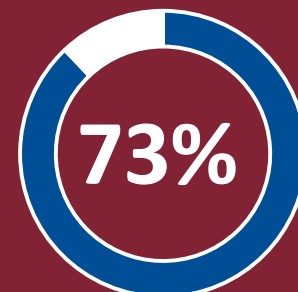


# Innovation at Work Georgia



Total Direct and Indirect  
Economic Output of the  
Biopharmaceutical Sector  
**\$12.2 billion**

Total Employment  
Supported by the  
Biopharmaceutical Sector  
**51,837**



Majority of Georgians say the U.S. is not spending enough on research to prevent, cure and treat disease and disability.

## Local Perspective: Stone Mountain, GA



Walter E. Hickman Jr., 48, Fight Colorectal Cancer advocate

*"Medical research is important to me because it brings hope to a hopeless situation. Whenever there is a breakthrough, no matter how small, it gives the patient hope and energy to keep fighting. For survivors, like myself, energy to stand in the gap for those who cannot speak for themselves."*



Georgians Diagnosed  
with Cancer Annually  
**43,000**

Total NIH Award Funding  
(FY14)  
**\$466 million**

## Research in the Peach State

### UCB Biopharma, Atlanta, GA

UCB is conducting a phase II clinical trial testing the safety and efficacy of a new drug to treat lupus, a potentially fatal autoimmune disease that affects over 200,000 Americans.

### Emory University, Atlanta, GA

National Institutes of Health (NIH)-funded researchers at Emory are working to combat autoimmune disorders, such as rheumatoid arthritis, by inhibiting the ZAP-70 protein in the T cell activation pathway.

### University of Georgia and Kennesaw State University, Athens and Kennesaw, GA

University of Georgia and Kennesaw State University are collaborating to better understand the gene regulation of *Helibacter pylori* bacteria, the common cause of stomach ulcers. Their research focusing on the movement of the bacteria may lead to identifying future therapeutic targets.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURES OF AMERICAN (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCH AMERICA SURVEY OF GEORGIANS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN SEPTEMBER 2016, NATIONAL SCIENCE FOUNDATION, CLINICALTRIALS.GOV, GEORGIA DEPARTMENT OF PUBLIC HEALTH.