Innovation at Work
Virginia

Total Direct and Indirect Economic Output of the Biopharmaceutical Sector
$12.6 billion

Total Employment Supported by the Biopharmaceutical Sector
49,665

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.

Virginians with a rare disease
1 in 10

Total NIH Award Funding (FY16)
$349 million

"Research is important to me as the parent of two children with a rare disease, because it holds the key to information that will impact decisions about their health throughout their lives."

Local Perspective: Woodbridge, VA
Jana A. Monaco, NORD State Ambassador for Virginia

Research in the Old Dominion

Merck, Inc. Midlothian, VA
Merck is conducting a phase II clinical trial testing the efficacy of a new cancer drug, pembrolizumab, which treats patients who have advanced tumors that cannot be removed by surgery or have metastasized to other parts of the body.

University of Virginia, Charlottesville, VA
The Agency for Healthcare Research and Quality (AHRQ) has funded researchers at UVA who are studying monthly medical data to determine how variables like demographics and physician practice patterns affect the cost of medical care. This information is crucial to identifying ways of responsibly reducing health care costs.

Virginia Tech, Blacksburg, VA
National Institutes of Health (NIH)-funded researchers at Virginia Tech are investigating the viability of a nanovaccine that would help smokers quit by blocking the effects of nicotine.

Sources: National Institutes of Health, Pharmaceutical Research and Manufacturers of America (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.