

# Innovation at Work Connecticut

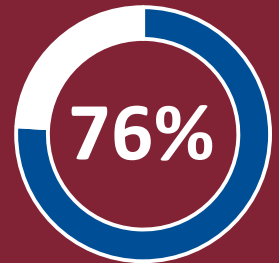


Total Direct and Indirect  
Economic Output of the  
Biopharmaceutical Sector

**\$18 billion**

Total Employment  
Supported by the  
Biopharmaceutical Sector

**61,437**



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: East Hartford, CT



Krista Nordmark, 33,  
Patient Advocate

*"As a 33-year-old young woman currently living with Stage IV metastatic breast cancer, I support medical research because at a time when I should be focusing on my career, getting married and starting a family, I am instead burdened with the everyday challenges living with cancer has created."*



Connecticuters who died  
from cancer in 2014

**6,621**

Total NIH Award Funding  
(FY14)

**\$464 million**

## Research in the Constitution State

### *University of Connecticut (UConn), Storrs, CT*

National Institutes of Health (NIH)-funded researchers at UConn are working to rapidly develop a safe and effective vaccine for the Zika virus, which has infected more than 35,000 Americans in 2016 and poses an ongoing threat globally.

### *Multiple Myeloma Research Foundation (MMRF) and Mayo Clinic, Norwalk, CT, Rochester,*

With support from MMRF, researchers at Mayo Clinic have discovered a new biomarker for multiple myeloma, a lethal form of cancer that strikes the plasma cells in bone marrow. The new biomarker enables physicians to determine both the progression of the disease and the efficacy of bortezomib, a common treatment for multiple myeloma.

### *Gilead Sciences, New Haven, CT*

Gilead Sciences is conducting phase II clinical trials that are testing the safety and efficacy of a new drug, eleclazine, to treat hypertrophic cardiomyopathy. This serious cardiac condition, which results in thickening of the heart muscles, affects as many as 1 out of 500 Americans.