

Talking Points: Higher Ed Research Saves Lives

University and college workers across the country engage in cutting-edge medical and scientific research that saves lives and makes us healthier. But the Trump administration and Republicans in Congress want to cut science funding that supports this critical, lifesaving research. Each year, the National Institutes of Health funds more than 60,000 research projects in every state (\$35 billion in competitive grants to 300,000 researchers), and the National Science Foundation funds 12,000 (totaling \$7.1 billion that supports 350,000 researchers, entrepreneurs, students and teachers), all aimed at improving Americans' lives.

Lifesaving cancer treatments: Researchers at the **University of Texas MD Anderson Cancer Center** in Houston pioneered research in the 1990s on immune therapies that battle tumors.

Genetic research to detect and cure diseases: Scientists are studying genetic sequencing in order to treat heart arrhythmias (**SUNY Upstate Medical Center**), develop antidotes to carbon monoxide poisoning (**Wayne State University**), study aging and longevity (**University of Oregon**) and mitigate pulmonary hypertension (University of Florida).

Advances in GLP-1 drugs: Researchers are developing the next generation of treatments for Type 2 diabetes (**University of Wisconsin-Madison**), improving interventions for obesity and eating disorders (**Rutgers University**) and studying how the brain makes GLP-1, in order to offer mental health therapies (**Florida State University**).

Canceled grants deprive Americans of opportunities to live healthy and thriving lives, impede U.S. innovation and undermine student opportunity. Grant cancellations and stop-work orders have blocked research to treat heart disease, Alzheimer's, cancer and schizophrenia; prevent HIV infections; reduce youth suicide; and understand how school and community environments influence student mental health and substance use.

Grants focused on increasing research at historically Black colleges and universities have been eliminated. And cuts to grants supporting STEM pipeline education add barriers for women entering science, technology, engineering and math fields by cutting off funding for mentoring undergraduates who study oceanic science and marine biology and for training the next generation of STEM educators.