Support federal funding for research & development

Research & Development drives economic growth

- Insights derived from basic research lead to innovations that impact our lives daily
  - MRI machines rely on basic research on the structure of atoms
  - Modern GPS systems rely on basic research into gravity and atomic physics
  - Today’s ubiquitous touch screens derive from basic research into capacitive sensing and human computer interfaces

We are at risk of ceding our global leadership in supporting R&D

- US leadership in science & technology is important to our economic and national security
- Federal funding for R&D has been declining for the past decade
- US ranks 10th in total R&D funding (from all sources) as a percent of GDP
- Sequestration-level funding for discretionary programs will continue the downward trend in federal R&D funding

Source: National Science Foundation, National Patterns of R&D Resources series. © 2015 AAAS