



ASSOCIATION OF  
PUBLIC &  
LAND-GRANT  
UNIVERSITIES

# FY2018 Appropriations Priorities

## ENERGY AND WATER DEVELOPMENT

### ABOUT THE ASSOCIATION OF PUBLIC AND LAND-GRANT UNIVERSITIES

APLU is a research, policy, and advocacy organization dedicated to strengthening and advancing the work of public universities.

With a membership of 237 public research universities, land-grant institutions, state university systems, and affiliated organizations, APLU's agenda is built on the three pillars of increasing degree completion and academic success, advancing scientific research, and expanding engagement.

Annually, its 195 U.S. member campuses enroll 4 million undergraduates and 1.2 million graduate students, award 1.1 million degrees, employ 1 million faculty and staff, and conduct \$40.7 billion in university-based research.

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### DEPARTMENT OF ENERGY (DOE)

#### OFFICE OF SCIENCE

#### **APLU FY2018 Request: \$5.665 billion**

(FY2018 PBR = \$4.473B; FY2017 = \$5.392B; FY2016=\$5.35B)

The Department of Energy's Office of Science plays a critical role in enhancing energy security, building our future economy and ensuring America remains a leader in various fields of science and technology. APLU urges Congress to fund the DOE Office of Science with an appropriation of \$5.665 billion in FY2018, a four percent real growth increase from the Senate Appropriation Committee's FY2017 proposal. This increase would continue support for leading-edge energy research and for educating the next generation of scientists. The Office of Science is our country's largest supporter of foundational research in the physical sciences, helping to advance the fundamental science knowledge base and train future scientists. Robust funding for the Office of Science is necessary to ensure we prevent an [innovation deficit](#) and build a better America by remaining a global leader in science and technology.

As Congress seeks to optimally allocate limited resources, funding scientific research, including at the Office of Science, should be a priority. The call to action, [Innovation: An American Imperative](#), signed by ten major industry CEOs and more than 500 additional leading organizations from American industry, higher education, science and engineering, recommends annual increases of at least four percent real growth for scientific research. The technological advances funded by federal science agencies like the DOE are the basis of our nation's economic growth and aid in our national defense, and it is essential we continue to grow these investments.

Additionally, APLU supports strong funding across the basic and applied energy science fields at the Department of Energy.

#### **ADVANCED RESEARCH PROJECTS AGENCY FOR ENERGY (ARPA-E)**

#### **APLU FY2018 Request: \$341 million**

(FY2018 PBR = \$20M; FY2017 = \$306M; FY2016 = \$291M)

APLU supports funding ARPA-E at \$341 million in FY2018. ARPA-E assembles some of the country's brightest minds in cross-disciplinary research teams to focus on creative, high-risk/high-reward energy research and the rapid development of transformational clean energy technologies. By leveraging talent in all sectors—from private industry, to universities, to government labs—ARPA-E fosters a robust and cohesive community of energy researchers and technology developers in the U.S.