

ABOUT THE ASSOCIATION OF PUBLIC AND LAND-GRANT UNIVERSITIES

Founded in 1887, the Association of Public and Land-grant Universities (APLU) is an association of more than 230 public research universities, land-grant institutions, and state public university systems.

APLU member campuses in the U.S. annually enroll 4 million undergraduate and 1.2 million graduate students, award 1 million degrees, employ 1 million faculty and staff, and conduct \$40.2 billion in university-based research. Collectively, they demonstrate the power and the good of public universities.

As the nation's oldest higher education association, APLU is dedicated to excellence in learning, discovery and engagement. For more information, visit www.aplu.org

APLU
1307 New York Avenue, NW
Suite 400
Washington, DC 20005-4722
p: 202.478.6040
www.aplu.org

DEPARTMENT OF ENERGY (DOE) PROGRAMS

Office of Science

APLU Request: \$5.672 billion

(FY2017 PBR = \$5.672B (\$5.572B discretionary); FY2016 = \$5.35B; FY2015 = \$5.07B)

The Department of Energy's Office of Science plays a critical role in enhancing energy security, building our future economy and ensuring America stays a leader in the fields of science and technology. APLU urges Congress to fund the DOE Office of Science with an appropriation of \$5.672 billion in FY2017. This is a six percent increase from FY2016 and would help 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 300 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 energy science fields and does not support the cuts to the Fusion Energy Sciences program proposed in the president's budget.

Advanced Research Projects Agency for Energy (ARPA-E)

APLU Request: \$350 million

(FY2017 PBR = \$350M; FY2016 = \$291M; FY2015 = \$280M)

APLU supports funding ARPA-E at \$350 million in FY2017. 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.