# ACADEMIC ANALYTICS

## 2016 Database (AAD 2016) Grants

OCTOBER 2017

# Academic Analytics 2016 Database (AAD 2016) Grants

AAD 2016 includes grants from 13 federal agencies and 2 non-federal funding sources (American Heart Association; American Cancer Society) matched to the principal investigator at the lead institution. Funding is attached to individuals, so a grant received while at one institution is carried to the next institution as people move between universities. Active grants received in 2012-2016 (inclusive) are represented in the comparative data.

Data are presented as annualized amounts based on the total amount of the grant divided by the number of years derived from the start/end dates. For example, a $300,000 grant that runs between 1/1/2012-12/31/2014 would be assigned an annualized amount of $100,000 ($300,000 / 3 years = $100,000 per year).  In the case of the Department of Health and Human Services, total amounts and start/end dates are not provided so the calculation is based on the federal fiscal year.

## Funding agencies included in the 2016 database

National Aeronautics and Space Administration (NASA)
Department of Agriculture (USDA)*
National Endowment for the Arts (NEA)
Department of Commerce (DOC)*
Department of Defense (DOD)*
Department of Education (ED)
Environmental Protection Agency (EPA)
Department of Energy (DOE)*
Department of Health and Human Services (HHS)
    (Includes NIH)
Institute of Museum and Library Services (IMLS)
National Endowment for the Humanities (NEH)
National Science Foundation (NSF)
Department of Transportation (DOT)*

+Non-federal funding sources
*Not all agency offices are represented in the database. For a complete list of included offices, see the detailed listing below.

## Federal research funding included in the comparative data

**NASA**
**Source:** www.research.gov
**Included:** Research grants
**Excluded:** Cooperative Agreements

**USDA**
**Source:** http://cris.nifa.usda.gov and FOIA
**Included:** NRI competitive grants, other grants, USDA grants
**Excluded:** 3D grant, animal health, cooperative agreement, Evans-Allen, Hatch, McIntire-Stennis, other extension grant, RREA, SERD grant, small business grant, special grant, state, USDA contract, USDA cooperative agreement, USDA in-house

**NEA**
**Source:** http://apps.nea.gov/GrantSearch/
**Included:** Literature fellowships
**Excluded:** Funding to groups instead of individuals

**DOC**
**Source:** https://grantsonline.rdc.noaa.gov
**Included:** National Oceanic and Atmospheric Administration (NOAA) grants (note that the grants download available from NOAA does not distinguish PI from CoPI and thus all individuals on a grant are represented in the comparative data as a PI).
**Excluded:** Offices outside of NOAA

**DOD**
**Source:** FOIA and www.usaspending.gov
**Included:** Project grants from the Air Force Office of Scientific Research (AFOSR), Army Research Office (ARO), and Office of Naval Research (ONR), Congressionally Directed Medical Research Programs (Army-CDMRP).
The Department of Air Force did not submit updates for the 2016 database.  Air Force grants data coverage remains 2009-2013.
**Excluded:** Other DOD offices. ARO (PI record grants data not yet obtained for FY2014-FY2016), AFOSR (PI record grants data not yet obtained for FY2014-FY2016)

**ED**
**Source:** http://ies.ed.gov and www.usaspending.gov
**Included:** Discretionary (awards funds on the basis of a competitive process)
**Excluded:** Formula (noncompetitive awards based on a predetermined formula). Due to limited data availability, some programs funded in FY2016 are not represented.

**EPA**
**Source:** FOIA and www.usaspending.gov
**Included:** Project grants
**Excluded:** Other funding types (only competitive project grants were submitted by the EPA)

**DOE**
**Source:** http://science.energy.gov
**Included:** Research grants
**Excluded:** Cooperative Agreements, Non-Office of Science grants

**HHS**
**Source:** http://exporter.nih.gov/ and http://taggs.hhs.gov
**Included:** Discretionary grants, research project (R), and research-related project (S) types active
**Excluded:** research construction programs (C), training projects (D), fellowship programs (F), resource programs (G), research career programs (K), general clinical research center program (M), research program projects and centers (P), training programs (T), cooperative agreements (U)

**IMLS**
**Source: FOIA**
**Included:** Conservation Assessment Prog., Museums for America, 21st Century Museum Profession, Native American Native Hawaiian, Save America's Treasures, Museum Grants African American History and Culture, Native American Library Services, Museum Assessment Program, National Leadership Grants – Museums, SPARKS, Cong. Set asides, Libraries, Cong. Set asides, Museums, 21st Century Museum Professionals Program, Librarians for the 21st Century, National Leadership Grants, Conservation Program, Native American Native Hawaiian Museum Services Program

**NEH**
**Source:** https://securegrants.neh.gov
**Included:** Challenge grants, Digital Humanities grants, Education programs, Preservation and Access, Public programs, Research programs
**Excluded:** Funding to groups instead of individuals

**NSF**
**Source:** http://www.nsf.gov/awardsearch and http://www.research.gov
**Included:** Standard and continuing grants
**Excluded:** BOA/task order, contract, contract interagency agreement, cooperative agreement, fellowship, fixed price award, interagency agreement, and personnel agreement

**DOT**
**Source:** http://www.faa.gov
**Included:** Federal Aviation Administration (FAA) grants
**Excluded:** Offices outside of FAA

The grants market share screens in the portal also include grants matched to the following agencies, however all other comparative data are restricted to federal agencies described above. Adding funding from additional non-federal agencies is of interest but is not currently active due to resource restrictions. Inclusion of the following two agencies is available via custom reporting.

**ACS**
**Source:** http://www.cancer.org
**Included**: None (available in grants market share screens only)
**Excluded:** Research and research scholar grants

**AHA**
**Source:** http://my.americanheart.org
**Included:** None (available in grants market share screens only)

**Excluded:** Research grants

## Federal Agency Offices

The following lists agency offices that are included in the comparative data. A full list of federal agencies with coverage periods is available under Home > Documents

**NASA:** Goddard Space Flight Center, Marshall Space Flight Center, Glenn Research Center, Johnson Space Center, NASA Shared Services Center, Langley Research Center, Ames Research Center, Kennedy Space Center, STEREO Science Center, and Dryden Flight Research Center

**USDA:** National Institute of Food and Agriculture (NIFA), Agricultural Research Service (ARS), Economic Research Service (ERS)

**DOC:** National Oceanic and Atmospheric Administration (NOAA)

**DOD:** Air Force Office of Scientific Research (AFOSR), Army Research Office (ARO) and Office of Naval Research (ONR)

**ED:** Institute of Education Sciences (IES), Office of English Language Acquisition (OELA), Office of Elementary and Secondary Education (OESE), Office of Federal Student Aid (OFSA), Office of Innovation and Improvement (OII), Office of Postsecondary Education (OPE), Office of Safe and Drug-Free Schools (OSDFS), Office of Special Education and Rehabilitative Services (OSERS), and Office of Vocational and Adult Education (OVAE)

**DOE:** Office of Science (SC)

**HHS**: Substance Abuse and Mental Health Services Administration (SAMHSA), Administration for Children and Families (ACF), Centers for Disease Control (CDC), Health Resources and Services Administration (HRSA), Indian Health Service (IHS), Office of the Secretary (DHHS/OS), Centers for Medicare and Medicaid Services (CMS), Administration on Aging (AOA), Food and Drug Administration (FDA), Agency for Healthcare Research and Quality (AHRQ), National Institute on Alcohol Abuse and Alcoholism (NIAAA), National Institute on Aging (NIA), National Institute of Allergy and Infectious Diseases (NIAID), National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), Center for Drug Evaluation and Research (CDER - FDA/NIH), National Cancer Institute (NCI), National Institute on Drug Abuse (NIDA), National Institute on Deafness and Other Communication Disorders (NIDCD), National Institute of Dental and Craniofacial Research (NIDCR), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institute of Biomedical Imaging and Bioengineering (NIBIB), National Institute of Environmental Health Sciences (NIEHS), National Eye Institute (NEI), National Institute of General Medical Sciences (NIGMS), National Institute of Child Health and Human Development (NICHD), National Human Genome Research Institute (NHGRI), National Heart, Lung, and Blood Institute (NHLBI), National Library of Medicine (NLM), National Center on Minority Health and Health Disparities (NCMHD), National Institute of Mental Health (NIMH), National Institute of Nursing Research (NINR), National Institute of Neurological Disorders and Stroke (NINDS), National Center for Research Resources (NCRR), John E. Fogarty International Center for Advanced Study in the Health Sciences (FIC)

**NSF**: Center for Precision Metrology (CMM), Center for the Build Environment (CBE), Directorate for Computer and Information Science and Engineering (CSE), Directorate for Engineering (ENG), Directorate for Geosciences (GEO), Directorate for Mathematical & Physical Sciences (MPS), Division of Antarctic Sciences (ANT), Division of Arctic Sciences (ARC), Division of

Astronomical Sciences (AST), Division of Atmospheric Sciences (ATM), Division of Behavioral and Cognitive Sciences (BCS), Division of Biological Infrastructure (DBI), Division of Chemistry (CHE), Division of Computer and Network Systems (CNS), Division of Computing and Communication Foundations (CCF), Division of Design and Manufacturing Innovation (DMI), Division of Earth Sciences (EAR), Division of Electrical, Communications and Cyber Systems (ECC), Division of Elementary, Secondary and Informal Education (ESI), Division of Emerging Frontiers (EF), Division of Engineering Education and Centers (EEC), Division of Environmental Biology (DEB), Division of Graduate Education (DGE), Division of Human Resource Development (HRD), Division of Information & Intelligent Systems (IIS), Division of Information Systems (DIS), Division of Integrative Organismal Systems (IOS), Division of Materials Research (DMR), Division of Mathematical Sciences (DMS), Division of Molecular and Cellular Biosciences (MCB), Division of Ocean Sciences (OCE), Division of Physics (PHY), Division of Research, Evaluation, and Communication (REC), Division of Social and Economic Sciences (SES), Division of Undergraduate Education (DUE), Division Static Template (DRL), Experimental Program to Stimulate Competitive Research (EPSC), Industrial Innovation and Partnerships Division (IIP), Office of Cyberinfrastructure (OCI), Office of Emerging Frontiers in Research and Innovation (EFR), Office of Information Systems (OIS), Office of Integrative Activities (OIA), Office of Polar Programs (OPP), Polar Environment, Health, and Safety Office (PEH), Science Resources Statistics (SRS), Social, Behavioral & Economic Sciences (SBE)

**DOT**: Federal Aviation Administration (FAA)