EDUCATION

Budget Authority (in $ millions)	Actual FY 2016	Enacted FY 2017	Request FY 2018	Notional			
				FY 2019	FY 2020	FY 2021	FY 2022
Total Budget	115.0	100.0	37.3	0.0	0.0	0.0	0.0

FY 2016 reflects funding amounts specified in Public Law 114-113, Consolidated Appropriations Act, 2016, as executed under the Agency's current FY 2016 Operating Plan.

FY 2017 Enacted reflects the funding amounts specified in Division B of the Consolidated Appropriations Act, 2017, P.L. 115-31. Table does not reflect emergency supplemental funds also appropriated in FY 2017, totaling $184 million.
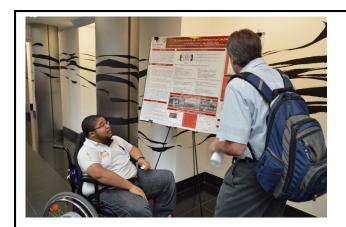
EDUCATION

FY 2018 Budget

Budget Authority (in $ millions)	Actual FY 2016	Enacted FY 2017	Request FY 2018	Notional FY 2019	FY 2020	FY 2021	FY 2022
Total Budget	115.0	100.0	37.3	0.0	0.0	0.0	0.0
Change from FY 2017			-62.7				
Percentage change from FY 2017			-62.7%				

FY 2016 reflects funding amounts specified in Public Law 114-113, Consolidated Appropriations Act, 2016, as executed under the Agency's current FY 2016 Operating Plan.

FY 2017 Enacted reflects the funding amounts specified in Division B of the Consolidated Appropriations Act, 2017, P.L. 115-31. Table does not reflect emergency supplemental funds also appropriated in FY 2017, totaling $184 million.

Mckingsley Williams of the New York Space Grant Consortium at Stony Brook University's Department of Material Sciences discusses his investigation into the use of methane fuel cells.

NASA's FY 2018 budget proposes the termination of the Office of Education (OE) and its portfolio of programs and projects. OE's portfolio consist of over 200 federal domestic assistance awards (grants and cooperative agreements) that are fully funded in the year of the award or annually funded with a performance period of three to five years. Awardees receive annual funding based upon satisfactory performance and availability of funds.

The FY 2018 budget supports the orderly closeout and/or transition of these activities needed to comply with federal laws and regulations regarding contracts, grants/cooperative agreements, civil servants, records management, and administrative infrastructure.

While this budget no longer supports the formal Office of Education programs, NASA will continue to inspire the next generation through its missions and the many ways that our work excites and encourages discovery by learners and educators. The Science Mission Directorate's (SMD) STEM Science Activation program will continue to focus on delivering SMD content to learners of all ages through cooperative agreement awards. NASA does not intend to transfer ownership of programs formerly funded by OE to SMD, as these activities fall outside the scope and resources of SMD's STEM Science Activation program.

EXPLANATION OF MAJOR CHANGES IN FY 2018

The Office of Education has experienced significant challenges in implementing a focused NASA-wide education strategy. While output data (e.g., number of people funded, number of papers generated, number of events supported) has been tracked, outcome-related data demonstrating program effectiveness

has been insufficient to assess the impact of the overall OE portfolio. Given these challenges and current fiscal constraints, the NASA budget terminates OE. The reduced funds in the FY 2018 budget will support the following overarching goals:

- Minimize negative impact to awardees;
- Perform closeout in a cost-effective and efficient manner

OE will conduct transition and close-out activities under a single budget authority line item executed in alignment with the overarching goals. The budget includes closing-out elements from OE, as well as closing-out the OE-funded activities at the nine NASA Centers and the Jet Propulsion Laboratory (JPL) Education offices. NASA will establish plans to maintain access to capabilities and/or legacy content deemed necessary for historical purposes.

WORK IN PROGRESS IN FY 2017

Space Grant

Space Grant consortia will receive full funding for the final year of the three-year award for all 52 Space Grant consortia awards. Space Grant awards consist of scholarships, fellowships, or internships in support of higher education, research infrastructure, precollege, and informal education. Space Grant consortia will also support flight project activities led by student teams. Some of those flight activities include, but are not limited to:

- RockOn! Workshop
- RockSat-C
- RockSat-X
- DemoSat
- High Altitude Student Platform (HASP)
- Undergraduate Student Instrument Project (USIP)
- Independent External Evaluation

EPSCoR

- Provide full funding for the final year of the three-year award for all 27 Research Infrastructure Development awards;
- Make new research awards based on availability of funding.

MUREP

- Provide final year of funding for four MUREP activities and begin closing and transitioning awards and activities where possible to minimize impact to awardees;
- Provide funding for year four of the five-year MUREP Institutional Research Opportunity awards; and
- Support funding for year four of the five-year award for the Educator Professional Development Collaborative.

EDUCATION

STEM Education and Accountability Project (SEAP)

- Maintain funding, through competitive processes, for internal and external innovative education efforts by NASA Centers, JPL, and third parties.

KEY ACHIEVEMENTS PLANNED FOR FY 2018

NASA will implement an orderly shutdown of the OE programs and projects. This effort will be guided by these overarching goals:

- Minimize negative impact to awardees; and
- Perform closeout in a cost-effective and efficient manner.

The FY 2018 budget will focus on effectively executing in three main areas:

- Completion of external awards to institutions and students including fellowships, scholarships, and internships;
- Continuation of performance monitoring and performance analysis by civil servants and JPL employees, maintaining accountability for execution of awards and activities, and providing for orderly decommissioning of projects and activities; and
- Sustainment of program operational costs to support the process of decommissioning office including: IT applications and systems used by programs; personnel IT seat costs; contract staff to assist with close-out and activity; development of decommissioning and/or transition plans for specific sections within the NASA website, social media, and listserv accounts directly related to the OE.