



## SWE Supports STEM Education and Research for ALL

With over 39,000 members globally, the Society of Women Engineers (SWE) advocates for public policies that promote equity in research and the classroom, foster excellence and access to quality opportunities in the workforce, and ensures that women and girls graduating high school and college leave with the skills and knowledge that support success in their professional, academic and personal aspirations. To that end, in 2018 SWE is advocating for:

### Adequate funding for high quality jobs and education programs

- SWE continues to advocate for adequate funding between the \$400M appropriated and the \$1.65B authorized for the **Student Support and Academic Enrichment formula grant program found in Title IV, Part A, of the Every Student Succeeds Act**. This block grant includes many STEM programs that are crucial to exposing young women to disciplines that will offer them a foundation in STEM.
- SWE supports the President's proposal to award \$200 million in grants that prioritize improvements to science, technology, engineering and mathematics education.
- Access to STEM requires access to STEM trained instructors. Therefore, SWE **can NOT support the repeal of the Title II Teacher Quality Enhancement, which includes TEACH Grants and the Teacher Quality Partnership program in the PROSPER Act**. SWE does support including access to high quality apprenticeships, particularly those with a STEM focus, in any reauthorization of the Higher Education Act, but **not at the expense of teacher development or out of school time** programs that increase access to STEM.
- SWE continues to encourage the Senate HELP committee to take up and address concerns with the bipartisan **Strengthening Career and Technical Education for the 21st Century Act**, passed by the House and supported by business and education advocates.

### Adequate funding for STEM Means (In Millions)

SCIENCE EDUCATION & RESEARCH	Final FY 2017	FY 2019 Proposed (with addendum)	SWE Supports
National Science Foundation	\$7,472.00	\$7,472.00	FY17 Level or Increased Funding
• Education and Human Resources	\$873.00	\$873.00	FY17 Level or Increased Funding
NASA (Education Directorate)	100.00	0.00	FY17 Level or Increased Funding
K-12 STEM EDUCATION	Final FY 2017	FY 2019 Proposed (with addendum)	SWE Supports
21 <sup>st</sup> Century Community Learning Centers	\$1,191.67	Not Funded	FY17 Level or Increased Funding
Career and Technical Education (Total)	\$1,125.02	\$1,137.60	FY17 Level or Increased Funding
Student Support and Academic Enrichment Grants *(Title IV Part A Block Grant)	\$400.00	Not Funded	FY17 Level or Increased Funding
Improving Teacher Quality State Grants	\$2,044.41	Not Funded	FY17 Level or Increased Funding
Teacher Quality Partnership	\$43.09	Not Funded	FY17 Level or Increased Funding

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Teacher and School Leader Incentive Grants	\$200.00	Not Funded	FY17 Level or Increased Funding
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## Equitable representation of women and minorities in Federal STEM research and programs

- SWE supports **STEM Research and Education Effectiveness and Transparency Act**, a bipartisan bill that has passed the House of Representatives, and directs the National Science Foundation (NSF), to report on the effectiveness of its current portfolio of broadening participation programs.
  - This bill also includes one provision from the full **STEM Opportunities Act supported by SWE**, which requires all federal science agencies to collect and report annually on data for all research grant applications and awards. Studies have shown time and again that diversity improves market shares and provides a competitive edge for businesses and organizations.
- SWE also supports the **Building Blocks of STEM Act**, which was unanimously passed by the House and requires action from the Senate. The bill instructs the National Science Foundation, when awarding grants under the Discovery Research PreK-12 program, to consider age distribution in order to more equitably allocate funding for research focused on early childhood.

### Additionally, SWE continues to support:

- Improving Women’s Economic Security through Paid Sick, Family and Safe Leave
- Removing Barriers to Women’s Workplace Participation through Improving Access to Quality Child Care
- Full and adequate funding of security (including cyber-security) and infrastructure programs such as those at the National Science Foundation that are supported by basic and applied research that respects the peer-review process.

