

**Higher Education Grants for Rhode Island
May 08, 2018**

Grants for STEM + Computing Partnerships (STEM+C)

Funding Source: National Science Foundation (NSF)

Deadline: July 02, 2018 for FY 18 grants: Rolling Basis after that date

Grants offered by the STEM+C Program focus on research and development of interdisciplinary and transdisciplinary approaches to the integration of computing within STEM teaching and learning for preK-12 students in both formal and informal settings. The STEM+C program supports research on how students learn to think computationally to solve interdisciplinary problems in science and mathematics. The program supports research and development that builds on evidence-based teacher preparation or professional development activities that enable teachers to provide excellent instruction on the integration of computation and STEM disciplines. Proposals should describe projects that are grounded in prior evidence and theory, are innovative or potentially transformative, and that will generate and build knowledge about the integration of computing and one or more STEM disciplines at the preK-12 level. Proposed projects may develop models, assessments, and technological tools to support teaching and learning in this area as well as conduct research on these models, assessments, and tools.

[See the full text of the grant](#)

Grants for Accelerating Discovery: Educating the Future STEM Workforce (AD)

Funding Source: National Science Foundation (NSF)

Deadline: July 02, 2018 for FY 18 grants; Final Deadline January 16, 2019

Grants of NSF's Education and Human Resources Directorate support projects that can educate the STEM workforce to advance discovery in the six research Big Ideas: Harnessing the Data Revolution; The Future of Work; Navigating the New Arctic; Multi-messenger Astrophysics; The Quantum Leap; and Understanding the Rules of Life. In addition to developing and implementing novel educational and/or training programs, these projects should simultaneously generate new knowledge about effective STEM education, by studying such programs and exploring related issues. Specifically, NSF accepts proposals to support education research and development projects focused on re- or up-skilling the existing workforce; developing the skilled technical workforce; and/or preparing those at the undergraduate, graduate, or postdoctoral fellow/early career levels. We encourage projects to partner with industry, public, and private sectors to define the needs of tomorrow's workforce and develop educational and learning strategies to meet those needs. Proposals should address near-, mid-, and long-term challenges and opportunities facing the development of STEM professionals or anticipate new structures and functions of the STEM learning and teaching enterprise. Proposers are encouraged to include approaches that have the potential to increase and diversify participation in STEM. All proposals should contribute to one or more of the six research Big Ideas.

[See the full text of this grant](#)

Grants to Early-Career Investigators for Projects Related to Animals, Humans, and the Planet

Funding Source: National Geographic Society

Deadline: July 10, 2018

Grants ranging from \$5,000 to \$10,000 fund early-career individuals for exploratory and broad-interest projects in the fields of conservation, research, storytelling, education, and technology. Funding is intended for the following areas of focus: wildlife, the human journey, or the changing planet. Eligible projects must be innovative, bold, and transformative. This program offers less experienced individuals an opportunity to lead a project.

Projects should align with one of the following three focus areas:

- **Wildlife:** Focuses on supporting projects that seek to discover and identify species and ecosystems and to mitigate threats to Earth's life forms. Projects will improve understanding of biological diversity, including behavior, life history, evolution, ecology, and habitat requirements.
- **Human Journey:** Focuses on learning more about who we are and what our future will be on this planet. It supports projects in a range of fields that are helping us understand the origins and development of our species; how we modified and adapted to diverse landscapes across the globe; the evolution of cultures and societies; and the current status of and trends in our cultural, linguistic, and genetic diversity. Recognizing that human society is currently out of balance with the natural world, we also seek projects that propose solutions to mitigate this imbalance.
- **Changing Planet:** Focuses on our Earth's dynamic terrestrial, marine, and freshwater ecosystems. Projects will illuminate these issues to better inform decision making and to develop more effective models for conservation and protected area management at large scales. This area of focus seeks to reduce negative human impacts on ecosystems and Earth processes by increasing knowledge, inspiring action, and creating solutions with direct, quantifiable, and scalable methods for conserving landscapes or seascapes.

Within the above focus areas, the following categories may receive funding: Conservation, Education, Research, Storytelling, and Technology.

[See the full text of this grant](#)

Grants for a Broad Spectrum of Education Research Projects

Funding Source: Spencer Foundation

Deadline: August 01, 2018, and November 01, 2018.

Grants support smaller scale or pilot research projects that have budgets of \$50,000 or less. Proposals are encouraged from scholars across a variety of disciplines in an effort to fund field-initiated education research. This program funds academic work that will contribute to the improvement of education, broadly conceived. The funded areas are broadly organized as follows: Field-Initiated; The Relation between Education and Social Opportunity; Teaching, Learning, and Instructional Resources; The New Civics; Organizational Learning in Schools, of schools; and, Purposes and Values of Education.

[See the full text of this grant](#)

Grants for Research that Reduce Inequality and Improve Use of Research Evidence in Youth Outcomes

Funding Source: William T. Grant Foundation

Deadline: August 01, 2018 for Letters of Inquiry

Grants fund research that increases understanding in one of two focus areas:

- programs, policies, and practices that reduce inequality in youth outcomes, and
- strategies to improve the use of research evidence in ways that benefit youth.

Of interest is research that builds stronger theory and empirical evidence in these two areas.

Supported research will inform change. The research should contribute to a body of useful knowledge to improve the lives of young people. Research grants about reducing inequality typically range between \$100,000 and \$600,000 and cover two to three years of support. Research grants about improving the use of research initiative will range between \$100,000 and \$1,000,000 and cover two to four years of support.

[See the full text of this grant](#)

Grants for Research Cultivating Cultures for Ethical STEM (CCE STEM)

Funding Source: National Science Foundation (NSF)

Deadline February 22, 2019 at 5:00 PM; February 22, Annually Thereafter

Grants support research projects that identify (1) factors that are effective in the formation of ethical STEM researchers and (2) approaches to developing those factors in all the fields of science and engineering that NSF supports. CCE STEM proposals for research explore the following: 'What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why?' Factors under consideration might include: honor codes, professional ethics codes and licensing requirements, an ethic of service and/or service learning, life-long learning requirements, curricula or memberships in organizations (e.g. Engineers without Borders) that stress responsible conduct for research, institutions that serve under-represented groups, institutions where academic and research integrity are cultivated at multiple levels, institutions that cultivate ethics across the curriculum, or programs that promote group work, or do not grade.

[See the full text of this grant](#)