If you are not on our mailing list, you can sign up to get free continual updates of this guide at: http://stemgrants.com/guide-to-stem-grants

If you are not a member of the AZ STEM Network, you can sign up at: http://www.sfaz.org/STEM/
Rolling Closing Dates

The FDA recognizes the value of supporting high quality, small scientific conferences. A small scientific conference is defined as a symposium, seminar, workshop, or any formal meeting, whether conducted face-to-face or virtually to exchange information and explore a defined subject, issue, or area of concern impacting the public's health within the scope of the FDA’s mission. READ MORE...

GRANTS (Toyota) - Toyota USA Foundation Grants - Deadline: Rolling
The Toyota USA Foundation is committed to enhancing the quality of K-12 education by supporting innovative programs and building partnerships with organizations dedicated to improving the teaching and learning of mathematics, science and environmental science. A high priority is placed on the following: Creative and innovative programs which develop the potential of students and/or teachers; Programs which are broad in scope and incorporate systemic approach; and, Cost-effective programs that possess a high potential for success with relatively low duplication of effort. Award ceiling is up to $200,000. READ MORE...

GRANTS – Lockheed Martin Corp. Philanthropy – Deadline: Rolling
The Lockheed Martin Corporation will give grants to nonprofits and K-12 schools that propose projects involving K-16 STEM educational initiatives, community outreach, or customer and constituent relations. READ MORE...

GRANTS – Wells Fargo Charitable Contributions – Deadline: Rolling
Wells Fargo supports educational programs that promote academic achievement for low to moderate income preK-12 students in math and science, literacy, and history of the American West. READ MORE...

GRANTS -- SRP Learning Grants & Social Studies Grants:
SRP supports projects in STEM-related fields for upto $5,000.00. Typically, those that receive grants have projects that are ‘hands-on’ Project-based Learning (PBL) and affect a large number of students. This could be through multiple classes or grade levels or over multiple years. READ MORE...
October 2014

GRANTS (NSF) - Research Experiences for Teachers (RET) in Engineering and Computer Science - Deadline: 10/07/14
This program supports the active involvement of K-12 science, technology, engineering, computer and information science, and mathematics (STEM) teachers and community college faculty in engineering and computer science research in order to bring knowledge of engineering, computer science, and technological innovation into their classrooms. The goal is to help build long-term collaborative partnerships between K-12 STEM teachers, community college faculty; READ MORE...

GRANTS (Air Force Association) - AFA ROTC Aerospace Grants – Deadline: 10/10/14
The AFA provides grants to support classroom aerospace educational programs, opportunities, and activities. The AFA is currently offering $250 to K-12 teachers who wish to enhance student knowledge of how aerospace plays a prominent role in today and tomorrow’s society. Funds may be used for purchasing textbooks or videotapes, going on a field trip to an aerospace museum, Air Force base, other aerospace facility, and more. READ MORE...
November 2014

GRANTS - American Honda Foundation Grant - Deadline: November 1, 2014
The American Honda Foundation supports youth education with a specific focus on the STEM (science, technology, engineering and mathematics) subjects in addition to the environment. Eligible applicants for grants ranging from $20,000 to $75,000 include: nonprofit 501(c) (3) organizations, public school districts, private/public elementary and secondary schools as listed by the U.S. Department of Education's National Center for Education Statistics. READ MORE...

GRANTS (National Council of Teachers of Mathematics) – Engaging Students in Learning Mathematics Grants for Grades 6–8 Teachers – Deadline: 11/08/14
The purpose of this grant is to incorporate middle school classroom materials or lessons that actively engage students in tasks and experiences to deepen and connect their content knowledge. For 2014-2015, each will be awarded to persons currently teaching mathematics in grades 6–8. Materials may be in the form of books, visual displays, slide shows, videotapes, or other appropriate medium. READ MORE ...

GRANTS (National Council of Teachers of Mathematics) - Projects that Connect Mathematics to Other Subjects - Deadline 11/8/14
The National Council of Teachers of Mathematics is inviting applications for projects to create senior high school classroom materials or lessons connecting mathematics to other fields. For the 2014-15 cycle, NCTM Connecting Mathematics to Other Subject Areas grants of up to $4,000 each will be awarded to persons currently teaching mathematics in grades 9-12. Materials may be in the form of books, visual displays, computer programs or displays, slide shows, videotapes, or other appropriate media. or displays, slide shows, videotapes, or other appropriate media. READ MORE

Grants (National Council of Teachers of Mathematics) – Improving Students’ Understanding of Geometry Grants for Grades PreK–8 Teachers – Deadline: 11/08/14
The purpose of this grant is to develop activities that will enable students to better
appreciate and understand some aspect of geometry that is consistent with the Principles and Standards for School Mathematics of NCTM. For 2014–2015, grants will be awarded to persons currently teaching at the grades PreK–8 level. The project should include applications of geometry to, for example, art, literature, music, architecture, nature, or some other relevant area and may integrate the use of technology into the teaching of geometry. READ MORE …

**AWARDS - Shell Science Teaching Award - Deadline: 11/12/14**
A partnership between Shell Oil Company and the NSTA, this award recognizes one outstanding classroom teacher (grades K–12) who has had a positive impact on his or her students, school, and the community through exemplary science teaching. READ MORE...

**GRANTS - Foundation for Rural Education and Development Fall Technology Grants - Deadline: November 15, 2014**
Technology Grants for Rural Schools program was created to help meet the growing need for innovative technology in the classroom. The grants strive to help public schools in rural areas bring modern computers to every classroom, connect schools to the information superhighway and make sure that effective and engaging software and online resources are an integral part of the school curriculum. Started in the fall of 2014, eligibility for FRED programs is determined by the Donor Circle. Applicants must have a letter of nomination from a Donor Circle company for that program year. READ MORE...
GRANTS - National Association of Science Writers - Deadline: November 15, 2014
The National Association of Science Writers invites proposals from individuals or groups to apply for grants ranging from $1,000 to $50,000 for projects and programs that are designed to help science writers in their professional lives and/or to benefit the field of science writing. Proposals can serve non-members as well as members. We encourage creative thinking, thus the guidelines for these proposals are consciously broad. READ MORE...

AWARDS (IRA) - IRA Award for Technology and Reading - Deadline: November 15, 2014
The IRA Award for Technology and Reading honors educators in grades K–12 who are making an outstanding and innovative contribution to the use of technology in reading education. There will be one grand-prize winner, seven U.S. regional winners, one Canadian, and one international winner. All entrants must be educators who work directly with students ages 5–18 for all or part of the working day. READ MORE...

AWARDS -“Angela” Award – Deadline: 11/30/14
This award honors one female student in grades 5–8, who is involved in or has a strong connection to science. The award has been established in honor of Gerry Wheeler, Executive Director Emeritus, and his outstanding dedication to NTSA and lifelong commitment to science education. READ MORE...

AWARDS - Delta Education/Frey-Neo/CPO Science Education Awards for Excellence in Inquiry-based Science Teaching – Deadline: 11/30/14
The Delta Education/Frey-Neo/CPO Science AWARD for Excellence in Inquiry-based Science Teaching will recognize and honor three (3) full-time PreK–12 teachers of science who successfully use inquiry-based science to enhance teaching and learning in their classroom. READ MORE...
AWARDS - Distinguished Informal Science Education Award – Deadline: 11/30/14
This award honors one NSTA member who has made extraordinary contributions to the advancement of science education in an informal or nontraditional school setting, such as a science-technology center, museum, or community science center. READ MORE...

AWARDS - Distinguished Service to Science Education – Deadline: 11/30/14
These awards honor NSTA members who, through active leadership and scholarly endeavor over a significant period of time, have made extraordinary contributions to the advancement of education in the sciences and science teaching. READ MORE...

AWARDS - Distinguished Teaching Awards – Deadline: 11/30/14
This award honors NSTA members who are classroom teachers at the elementary, middle school, high school, and undergraduate levels and who have made extraordinary contributions to the field of science teaching. READ MORE...

AWARDS - Faraday Science Communicator Award – Deadline: 11/30/14
This award, named in honor of Michael Faraday (1791–1867), the English chemist and physicist who is known for his pioneering experiments in electricity and magnetism. Through lectures and letters, Faraday led people of all ages to a greater understanding of the natural scientific laws that govern us all. The Faraday Science Communicator Award will recognize and reward an individual or organization that has inspired and elevated the public's interest in and appreciation of science. READ MORE...

AWARDS - Maitland P. Simmons Memorial Award for New Teachers- Deadline: 11/30/14
The Maitland P. Simmons Memorial Award for New Teachers provides selected K–12 teachers (up to 25) in their first five years of teaching with funds to attend the annual National Conference on Science Education. READ MORE...

AWARDS - PASCO STEM Educator Awards - Deadline: 11/30/14
The PASCO STEM Educator awards, sponsored by PASCO scientific, in partnership
with the National Science Teachers Association, recognizes excellence and innovation in the field of STEM education at the elementary, middle school, and high school levels.

READ MORE...

AWARDS - Ron Mardigian Memorial Biotechnology Explorer Award – Deadline: 11/30/14
The Ron Mardigian Memorial Biotechnology Explorer Award will recognize and reward an outstanding high school teacher who has made biotechnology learning accessible to the classroom. This award has been established in memory of Ron Mardigian, the inspiration behind and founder of the Biotechnology Explorer program. READ MORE...

AWARDS - NSTA Fellow Award – Deadline: 11/30/14
This award recognizes NSTA members who have made extraordinary contributions to science education through personal commitment to education, specifically science teaching or science; educational endeavors and original work that position recipients as exemplary leaders in their field; significant contributions to the profession that reflect dedication to NSTA as well the entire educational community. READ MORE...

AWARDS - NSTA Legacy Award – Deadline: 11/30/14
This NSTA award posthumously recognizes long-standing members of NSTA for significant lifelong service to NSTA and contributions to science education. READ MORE...

AWARDS - Robert H. Carleton Award – Deadline: 11/30/14
This is the most prestigious award an NSTA member can receive. The Robert H. Carleton Award recognizes one individual who has made outstanding contributions to, and provided leadership in, science education at the national level and to NSTA in particular. It is NSTA's highest honor. READ MORE...

AWARDS - Sylvia Shugrue Award for Elementary School Teachers – Deadline: 11/30/14
This award honors one elementary school teacher who has established (or is establishing)
an interdisciplinary, inquiry-based lesson plan. The lesson plan will fully reference sources of information and any relevant National Science Education Standards and benchmarks found in the Atlas of Science Literacy. READ MORE...

AWARDS - Vernier Software & Technology/National Science Teachers Association (NSTA) Tech Award - Deadline: 11/30/14
The Vernier/NSTA Technology Awards promote the innovative use of data-collection technology using a computer, graphing calculator, or other handheld in the science classroom. READ MORE...

AWARDS - Wendell G. Mohling Outstanding Aerospace Educator Award – Deadline: 11/30/14
This award recognizes excellence in the field of aerospace education. The recipient of the award will be honored during the AWARD Banquet and the Aerospace Educators Luncheon at the NSTA Conference. This NSTA award is sponsored by Sally Ride Science and The Challenger Center for Space Science Education. READ MORE...

December 2014

The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM. The estimated program funding is $30,000,000. READ MORE...
GRANTS (NSF) - Discovery Research K-12 - Deadline: December 6, 2014
The DRK-12 program provides $100k to $3 million grants. It seeks to significantly enhance the learning and teaching of science, technology, engineering and mathematics (STEM) by preK-12 students and teachers, through research and development of innovative resources, models and tools (RMTs). Projects in the DRK-12 program build on fundamental research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Teachers and students who participate in DRK-12 studies are expected to enhance their understanding and use of STEM content, practices and skills. The DRK-12 program has four major research and development strands: (1) Assessment; (2) Learning; (3) Teaching; and (4) Implementation Research. READ MORE...

GRANTS (NSF) - Data-Intensive Research to Improve Teaching and Learning - An Ideas Lab to Foster Transformative Approaches to Teaching and Learning - Deadline: December 9, 2014
The goal of this activity is to foster novel, transformative, multidisciplinary approaches that address the use of large data sets to create actionable knowledge for improving STEM teaching and learning environments (formal and informal) in the medium term, and to revolutionize learning in the longer term. These approaches will involve the work of learning scientists, STEM disciplinary experts, computer scientists, statisticians, database experts and educational researchers who design and study learning environments. The estimated program funding is $5,000,000. READ MORE...

GRANTS (DoD) - 2015 Department of Defense Multidisciplinary Research Program of the University Research Initiative (MURI) - Deadline: December 16, 2014
This program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. It includes all scientific study and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. The estimated program funding is $250,000,000. READ MORE...
GRANTS (DoD) - Science, Technology, Engineering & Mathematics (STEM)
Education and Outreach for K-12 and Higher Education - Deadline: December 31, 2014
The Office of Naval Research (ONR) is interested in receiving proposals for developing innovative solutions that directly support the development and maintenance of a robust STEM workforce. Successful efforts will be targeted towards one or more of the following: K-12, Undergraduate, Graduate STEM education. The goal of any proposed effort should be to provide "game changing" solutions that will establish and maintain a diverse pipeline of U.S. citizens who are interested in participating in Naval STEM education programs and who ultimately will be interested in STEM careers. The estimated program funding is $3,000,000. READ MORE...

AWARDS - SeaWorld Parks and Entertainment Outstanding Environmental Educator of the Year - Deadline: 12/31/14
This award recognizes and rewards an outstanding teacher who is working at the grassroots level to protect and preserve the environment. One teacher will win $10,000, an expenses-paid trip for themselves and one guest to a SeaWorld or Busch Gardens park for a special awards event, and an all-expenses-paid trip to the NSTA National Conference on Science Education. READ MORE...

January 2015

GRANT (DoD) - Office of Naval Research Young Investigator Program (YIP)
- Deadline: January 3, 2015
ONR's Young Investigator Program (YIP) seeks to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment and for FY2014, have begun their first appointment on or after 01 November 2008, and who show exceptional promise for doing creative research. The objectives of this program are to attract outstanding faculty members of Institutions of Higher Education (hereafter also called "universities") to the Department of the Navy's research program, to support their research, and to encourage their teaching and research careers.
The estimated program funding is $3,100,000. READ MORE...
GRANTS (NSF) - Research on Education and Learning - Deadline: January 10, 2015
The program supports advances in research on STEM (science, technology, engineering, and mathematics) learning and education by fostering efforts to explore all aspects of education research from foundational knowledge to improvements in STEM learning and learning contexts, both formal and informal, from childhood through adulthood, for all groups, and from the earliest developmental stages of life through participation in the workforce, resulting in increased public understanding of science and engineering. The REAL program will fund research on, human learning in STEM; learning in STEM learning environments, and broadening participation research. The estimated program funding is $51,000,000. READ MORE...

GRANTS - Lego Children's Fund - Deadline January 15, 2015
The LEGO Children’s Fund will provide quarterly grants for programs, either in part or in total, with a special interest paid to collaborative efforts and in providing matching funds to leverage new dollars into the receiving organization. The Foundation awards grants to non-profit 501 c3 organizations with specific, identifiable needs primarily in these areas of support: of (a) early childhood education and development that is directly related to creativity and (b)Technology and communication projects that advance learning opportunities. There are no restrictions on grant amounts up to the quarterly allocation. Typical awards, however are between USD $500 and USD $5,000. READ MORE...

GRANTS (Captain Planet Foundation) - Deadline: January 31, 2015
Grants from the Captain Planet Foundation are intended to serve as a catalyst for environmental activities in schools and communities, as well as inspire youth to participate in community service through environmental stewardship activities. READ MORE...
GRANTS (DoD) - 2013 Science, TEchnology, Engineering - Deadline: January 31, 2015
The U.S. Army Engineer Research and Development Center (ERDC) seeks proposals under authority of the National Defense Education Act (1959) and under the Pre-Engineering Program (PEP) to stimulate young pupils in STEM. Students attend primary, middle, and high school. READ MORE...

February 2015

GRANTS - American Honda Foundation Grant - Deadline: February 1, 2015
The American Honda Foundation supports youth education with a specific focus on the STEM (science, technology, engineering and mathematics) subjects in addition to the environment. Eligible applicants for grants ranging from $20,000 to $75,000 include: nonprofit 501(c) (3) organizations, public school districts, private/public elementary and secondary schools as listed by the U.S. Department of Education's National Center for Education Statistics. READ MORE...

GRANTS - Toshiba America Foundation - Grades 6-12 and $5,000 or less - Deadline February 1, 2015
Toshiba America Foundation (TAF) grants fund the projects ideas and materials teachers need to innovate in their math and science classrooms. TAF is interested in funding projects designed by teachers or small teams of teachers for use in their own schools. Toshiba America Foundation believes science and mathematics are exciting fields in which all students can succeed with the proper tools and instruction. Toshiba America Foundation grants support public and nonprofit private schools throughout the United States. Grade 6-12 applications for $5,000 or less are accepted on a rolling basis, throughout the calendar year. READ MORE...

GRANTS - Christopher Columbus Awards - Deadline: February 3, 2015
The Christopher Columbus Awards is a national, community-based science, technology, engineering and math (STEM) program for middle school students. The program challenges the students to work in teams of three to four, with an adult coach, to identify a problem in their community and apply the scientific method to create an innovative
solution to that problem. Eight finalist teams and their coaches will receive an all-expense-paid trip to Walt Disney World® to attend National Championship Week and compete for valuable scholarships and the $25,000 Columbus Foundation Community Grant, plus a $200 development grant to further refine their idea.  READ MORE...

American Electric Power is accepting applications from pre-K-12 teachers for minigrants to support funding for classroom projects during the 2014-15 school year. Through the Teacher Vision grant program, AEP supports projects that have an academic focus and a goal to improve student achievement. Priority will be given to projects that promote science, mathematics, technology, electrical safety, the balanced study of energy and the environment, and energy efficiency. Special consideration will be given to projects that incorporate matching funds, community resources, and interdisciplinary or team-teaching projects. Funds may not be used for stipends or meals. Grant awards range from $100 to $500. To be eligible, applicants must a pre-K-12 teacher in a community in the AEP service area or in a community with major AEP facilities.  READ MORE...

GRANTS (NSF) - Computing Education for the 21st Century - Deadline: March 12, 2015
The Computing Education for the 21st Century (CE21) program aims to build a robust computing research community, a computationally competent 21st century workforce, and a computationally empowered citizenry. In this undertaking, there are three interrelated challenges: the significant underproduction of degrees needed for the computing and computing-related workforce, the longstanding underrepresentation of many segments of our population, and the lack of a presence of computing in K-12. Innovation in information technology (IT) has driven economic growth, underlies many of our recent scientific advances, and ensures our national security. The estimated program funding is $15,000,000.  READ MORE...

March 2015

GRANTS (NSF) - Computing Education for the 21st Century - Deadline: March 12, 2015
The Computing Education for the 21st Century (CE21) program aims to build a robust computing research community, a computationally competent 21st century workforce, and a computationally empowered citizenry. In this undertaking, there are three interrelated challenges: the significant underproduction of degrees needed for the computing and computing-related workforce, the longstanding underrepresentation of many segments of our population, and the lack of a presence of computing in K-12. Innovation in information technology (IT) has driven economic growth, underlies many of our recent scientific advances, and ensures our national security. The estimated program funding is $15,000,000.  READ MORE...
April 2015

GRANTS - John Templeton Foundation Invites Letters of Inquiry for First 2015 Funding Round - Deadline: April 1, 2015

The John Templeton Foundation will accept online funding inquiries for research projects related to its core funding areas. The inquiry period is February 3, 2014 - April 1, 2014. Core funding topics include science and the "big" questions (mathematical and physical sciences, life sciences, human sciences, philosophy and theology, science in dialogue with philosophy or theology), character development, freedom and free enterprise, exceptional cognitive talent and genius, and genetics. Individual grants range greatly in amount, from several thousand dollars to several million. READ MORE...

GRANTS - ING Unsung Heroes Program - Deadline: April 30, 2015

ING Invites K-12 Educators to Apply for 2014 Class Project Awards. The program annually recognizes K-12 educators in the United States for their innovative teaching methods. Educators are invited to submit grant applications describing class projects they have initiated or would like to pursue. Each year, one hundred educators are selected to receive awards of $2,000 each to help fund their projects. In addition First place will receive $25,000; second place will receive $10,000; and the third-place winner will receive $5,000. All awards must be used to further the projects within the school or school system. READ MORE...