

Grant Funding for Robotics

Written by Linda

Friday, 27 April 2012 19:38 - Last Updated Wednesday, 02 October 2013 21:50

Robotics Grant Funding Resources

[Expansive List of Funding Opportunities from Texas Instruments Website \(Pdf document with links\)](#)

[Grant Writing Strategies](#)

[STEM Grant Opportunities for Community Colleges](#)

[General Resources for writing K-12 Grants: K12Grants.org](#)

[Education World - Database of K-12 Grants](#)

Federal and State Grants for STEM and Robotics

These are formula grants for adult and secondary education. Schools usually apply through their state for federal funding.

[Advanced Credentialing](#)

A program to support teachers seeking advanced certification or advanced credentialing, this program has limited funds available.

[Character Education](#)

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This grant stipulates the program is included in classroom instruction and carried out in conjunction with other reform efforts.

[Charter Schools](#)

The program provides funding for purchasing equipment, supplies, or any educational materials.

[Early Childhood Professional Development](#)

This program seeks to improve the knowledge and skills of early childhood educators who work in high-poverty areas.

[Education Technology State Grant](#)

This program has been slashed by almost 50 percent but still has a sum directed toward the effective integration of technology to ensure that students are technologically literate by the end of eighth grade.

[Enhanced Assessment Grants](#)

This is a program designed to assist in the administering of and development of accountability measures.

[Gifted and Talented Students](#)

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The purpose is to serve students (particularly the economically disadvantaged, disabled, or limited English proficient) who have been underrepresented in gifted and talented programs.

[Innovative Education State Grants](#)

This is a formula grant under Title V that stimulates educational innovation by encouraging broad-based reform efforts. The funds may be used for technology, professional development software, or curricular materials.

[Magnet Schools](#)

These are competitive funds to enhance curriculum and attract racially diverse student populations.

[Mathematics and Science Partnerships](#)

This program encourages the formation of partnerships to improve performance in math and science. Funds may be used for professional development, summer workshops, and distance learning programs.

[National Science Foundation](#)

NSF promotes and advances scientific programs in the United States and advances grants for science, math, and engineering research in education.

[Perkins Vocational and Applied Technology Act](#)

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Funds may be used for vocational and technology education activities plus professional development opportunities for teachers and counselors.

[Reading First](#)

This program provides districts assistance in setting up scientific, research-based reading programs for children in Grades K-8. Funds may be used for staff development or instructional materials.

[Safe and Drug-Free Schools](#)

This program consists of two major programs: State Grants for Drugs and Violence Prevention Programs and National Programs. State Grants is a formula grant program that provides funds to states and local school districts for a broad range of prevention and education programs. Any activity must be based on scientifically conducted research.

[Small Rural School Achievement Program](#)

These grants are very popular as they lend themselves to the extension of the No Child Left Behind objectives.

[Title I](#)

The largest of the elementary- and secondary-education programs, this program requires states to develop standards in reading and math and assessments linked to those standards for students. The program is also structured to assist high-poverty schools in giving their students an equal opportunity to meet state standards.

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[Transforming STEM Learning](#)

The TSL program invites interdisciplinary teams of STEM content specialists, experts in relevant technologies, STEM formal and informal education specialists, researchers with expertise in the learning sciences, and specialists in education research and evaluation methods to submit proposals for research projects that (1) Study efficacy of existing prototypes for innovations like virtual schools, special STEM schools, and educational programs that combine opportunities of formal and informal learning resources in their communities; or (2) Design and conduct exploratory development of new potentially transformative models for STEM learning environments.

[21st Century Community Learning Centers](#)

This program provides money for before- and after-school sessions. Funds may be used for expanding learning activities or any area of enrichment and include technology and telecommunication education.

Private/Foundational Grants for STEM and Robotics

[3M Foundation](#)

Promotes strong curricular development and creative problem-solving skills.

[Abell Foundation](#)

Sets an agenda that allocates grants for schools, hospitals, and human service organizations and reaches out to the disadvantaged in the Baltimore community and the region.

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[Abington Foundation](#)

Provides gifts for educational programs, particularly for development of these programs that stress math readiness.

[ADC Foundation](#)

Strong supporter of math and science programs.

[Aetna Foundation](#)

Supports strong curricular systems.

[Alcoa Foundation](#)

Funds projects that support global education, workplace skills, and safe and healthy children.

[Ameren Foundation](#)

Ameren gives their funds primarily in Missouri and Illinois. Their site lists specific efforts in which they choose to invest.

[American Honda](#)

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The focus of these grants is on math, science, and technology.

[Asbury-Warren Foundation](#)

This group funds educational projects for public as well as religious schools. Their projects lean toward the Appalachian region of the country.

[Bayer Foundation](#)

Stresses the advancement of science education and a strong, reliable workforce.

[Bechtel Foundation](#)

This fund espouses the belief that a nation's strength is in the fields of science and engineering.

[Braitmayer Foundation](#)

Supports curricular reform and professional development.

[Brinker International Foundation](#)

This is a multifaceted company with a strong emphasis on educating on all levels, preschool through Grade 12.

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[Broad Foundation](#)

This foundation supports a variety of educational opportunities that urban schools can create.

[Cargill](#)

Promotes the improvement of academic skills and improves the opportunities for the disadvantaged.

[Carnegie Foundation](#)

Stimulates scientific literacy and the importance of coherent communication.

[Charles A. Frueauff Foundation](#)

Funds social service organizations, education, and disadvantaged youth.

[Charles Lafitte Foundation](#)

This foundation subscribes to innovation and creativity. There is a strong investment in experiential elements for students.

[Charles Stewart Mott Foundation](#)

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Goals are to improve the welfare of low-income students and to sustain the ecosystem.

[Citigroup Foundation](#)

The thrust of this foundation is to educate the next generation with a strong emphasis on the slow learner and students in the disadvantaged category, as well as a strong emphasis on ecology.

[Coca-Cola Foundation](#)

Coca-Cola strives to work with local communities to build strong educational opportunities to enhance national productivity. Most robotics and simple machines products, with their strong emphasis on math and science, would more than fill potential educational voids.

[Daniels Fund](#)

Supports early childhood readiness, school choice, teacher quality, and development of ethics and integrity. (Colorado, New Mexico, Utah, and Wyoming)

[Dekko Foundation](#)

The Dekko foundation favors requests from the states of Alabama, Indiana, and Iowa. Dekko favors the early-learning and after-school programs. It is geared for preschool through age 18. The mission of any proposal must be strong and futuristic. Educational lexicon would seem to promote robotics and early-learning products as solutions to that end.

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[Deluxe Family Foundation](#)

Supports education K-12, particularly science and reading.

[Dollar General Foundation](#)

Dollar General Grants promote advancement of literacy and basic education.

[Dominion](#)

The funding cycle for Dominion Education Grants is year-round, and support is directed toward innovative educational curricula.

[Dreyer's and Nestle Foundation](#)

Dreyer's funds programs that show sequential, consistent core training for students.

[DuPage Community Foundation](#)

DuPage supports programs that further the arts, culture, education, and human services.

[Constellation E](#) ² [Energy to Educate](#) SM

E²: Energy to Educate Grants support projects that are team oriented, learning focused,

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hands-on demonstration projects with specific results. E² Energy to Educate projects enhance student understanding of the science and technology needed to address energy issues, and reach and inspire students to think differently about energy.

[Environmental Excellence Awards](#)

K-12 teachers and students recognized for environmental preservation with monetary rewards.

[Ewing Marion Kauffman Foundation](#)

Sees entrepreneurship and education as the most effective ways to empower people to create their own futures. (Missouri)

[Ford Foundation](#)

The Ford Foundation goal is to foster education through technology and curriculum.

[Frederick and Nancy DeMatteis Family Charitable Trust](#)

The mission of this foundation is to make life better by serving human needs through support of institutions involved in education. (New York)

[Frey Foundation](#)

Seeks special teaching methods to create productive learning environments.

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[Gannet Foundation](#)

Funds programs not normally covered by regular budget – only special initiatives.

[Gates Foundation](#)

Supports raising graduation rates and graduates who will be strong citizens ready for college or the workplace. Supports technology initiatives.

[Geraldine R. Dodge Foundation](#)

This foundation is primarily concerned with innovative instruction models and also has a strong attraction for meeting the needs of underserved students. The deadline for grant applications is November 1.

[Hall Family Foundation](#)

Supports education and the arts. (Kansas City, Missouri)

[Halliburton Foundation](#)

Endorses education K-college, supporting education in all major areas.

[Humana Foundation](#)

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The aim of Humana Foundation is to develop tools to improve literacy and increase the use of technology.

[Inasmuch Foundation](#)

Funds education, health, the arts, and the environment. (Oklahoma)

[Intel](#)

This ongoing grants program can be accessed by schools in Arizona, California, Colorado, Massachusetts, New Jersey, New Mexico, Oregon, Texas, Utah, and Washington.

[Joyce Foundation](#)

Aims to provide students in the Great Lakes region with an education, allowing them to live fruitful, productive lives.

[JPMorgan Chase & Co.](#)

This group's emphasis is toward strong progress in middle school technology.

[Jubitz Family Foundation](#)

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To enhance communities by strengthening families, respecting the natural environment, and fostering peace. Early childhood development and youth education with an emphasis on children at risk.

[Lilly Endowment](#)

The endowment views education at all levels as indispensable to personal, civic, and economic success.

[Lowe's](#)

Lowe's has a variety of offerings that could be used for STEM initiatives as well as additions to labs.

[Lumina Foundation](#)

This foundation seeks to expand knowledge and improve practices that affect students' access and success in postsecondary education.

[Micron Foundation](#)

The Micron Foundation provides grants and in-kind support to educators in their quest to spark a passion for science, technology, engineering and math (STEM) topics. Our primary areas of support focus on:

- K-12 Classroom STEM programs
- Informal STEM experiences
- Teacher professional development in STEM areas

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For education grants, eligible organizations must be located near one of the following Micron manufacturing sites:

- Boise, Idaho
- Manassas, Virginia

[M. J. Murdock Charitable Trust](#)

The Trust's mission is to enrich the quality of life in the Pacific Northwest by providing grants and enrichment programs to organizations seeking to strengthen the region's educational, spiritual, and cultural base in creative and sustainable ways.

[John D. and Catherine T. MacArthur Foundation](#)

This foundation is interested in how NCLB is impacting the achievement of students.

[Mary Reynolds Babcock Foundation](#)

This foundation is concerned with the southeastern portion of the country and is seeking low-income segments to assist.

[McCune Foundation](#)

The broad mission of the McCune Foundation continues to be improving the community and enhancing the quality of life for the citizens. (Pittsburg, Pa.)

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[McGregor Fund](#)

Grants to relieve misfortune and promote well-being are made in the following program areas: human services, education, health care, arts and culture, and public benefit. The area of principal interest to the McGregors is metropolitan Detroit.

[Medina Foundation](#)

This Foundation strives to improve the human condition by supporting organizations that provide critical services to those in need.

[Meyer Memorial Trust](#)

The Meyer Memorial Trust is applicable to Oregon and parts of Washington. The principal areas of interest center on early childhood and disadvantaged students.

[Milken Family Foundation](#)

The Milken Family mission is to discover and advance inventive and effective ways of helping people help themselves and those around them lead productive and satisfying lives.

[Moss Foundation](#)

The purpose of this offering is to further program goals. These grant resources could make possible the extension or refurbishment of existing Learning labs.

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[Motorola Foundation](#)

Funding from this foundation focuses on initiatives that creatively generate a love of science early in life and show the new generation of inventors that careers involving science and math are important, challenging, and possible. Particularly interested in getting girls involved in the study of science.

[Norris Foundation](#)

Seeks better health and intellectual enlightenment for students. (primarily Southern California)

[Pfizer Foundation](#)

Seeks to raise the standard of science literacy and broaden the pool of future scientists.

[Prudential](#)

Prudential has an ongoing offer that appears to be available to all states.

[RGK Foundation](#)

This foundation gives funds to Texas institutions. The foundation is primarily attracted to humanitarian concerns and K-12 education with significant interest in literacy and any innovative additions to the educational landscape.

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[Richard P. Kimmel and Laurine Kimmel Charitable Foundation, Inc.](#)

Concerned with areas of education, arts, agriculture, humanities, and human services. (Iowa, Nebraska)

[Robert W. Woodruff Foundation](#)

This foundation supports elementary and secondary education with a strong interest in science.

[Roy J. Carver Charitable Trust](#)

The grant-making activities in this area are divided into three broad categories: elementary education, secondary education, and higher education.

[Sarkey's Foundation](#)

Supports scientific and educational improvement. (Oklahoma)

[Staples Foundation for Learning](#)

The mission of Staples Foundation is to provide funding to programs that support or provide job skills and/or education for all people, with a special emphasis on disadvantaged youth.

[State Farm Foundation](#)

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This group is concerned with efforts to attain educational excellence.

[Sunderland Foundation](#)

Sunderland funds arts and culture and youth-services groups. (Missouri, Kansas, Iowa, Nebraska, Arkansas)

[TE Connectivity](#)

The TE Connectivity Foundation made grants to support science, technology, engineering, and mathematics(STEM) education programs for organizations.

[Texas Instruments](#)

Provides grants that improve the quality of life by enhancing skills in math and science.

[Toshiba Large Grants](#)

These grants deal with math and science and appear to be oriented toward some environmental experimentation.

[Toyota TAPESTRY](#)

The Toyota TAPESTRY Grant program has an offer for K-12 science teachers. Twenty

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mini-grants of \$10,000 each are available.

[Union Pacific Foundation](#)

Strong emphasis on civic and cultural programs. (Communities served by Union Pacific Railroad)

[Verizon Foundation](#)

Technology and literacy are areas of primary interest.

[W. K. Kellogg Foundation](#)

Supports innovation and capacity to change, which leads to improvement of formal and informal education.

[Wells Fargo Philanthropic](#)

List of organizations that Wells Fargo supports for education grants. Stresses building learning environments and teacher-support systems. Robotics would enhance the objectives of this foundation to reach the seemingly unreachable in the classrooms.

[Walton Family Foundation](#)

Invests heavily in education at all levels including teacher education. Wide range of options. (Arkansas, Mississippi)

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[Westinghouse Science and Math Grants](#)

Places emphasis on programs in elementary and secondary schools.

[William & Flora Hewlett Foundation](#)

Purpose is to advance technology and assist Hispanic and underserved students.

[William T. Grant Foundation](#)

Funding supports the Foundation's mission of improving the lives of young people ages 8 to 25. Program supports intervention research to improve youth-serving organizations, such as schools and community-based organizations.

[Winthrop Rockefeller Foundation](#)

Supports economic development, education, and social justice. (Arkansas)

[Woods Charitable Fund](#)

Funds academic, community, government, business, public service, and faith-based organizations. (Lincoln, Nebraska)

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