



Community Academic Service Entrepreneur (CASE) Grants

Science and Technology

This grant competition empowers and motivates students to apply their classroom learning in real life. CASE grants promote social entrepreneurship by giving students the opportunity to conduct innovative community service projects linked to their academic discipline while addressing and solving social and community-related problems. CASE improves learning outcomes and brings excitement to education. CASE was launched with the help the W.K. Kellogg Foundation and has expanded into twenty seven states in the US and on four continents. Projects and proposals can be seen at ServiceBook.org, where the Foundation receives applications and administers the selection process.

How CASE works: A host (school or organization) and a sponsor (individual, corporation, philanthropy, etc.) can address a community problem through student engagement. They may also identify and support an academic discipline of their interest. C2P and the host announce the grant availability and students register on ServiceBook.org to submit their innovative ideas to address the designated problem, in partnership with a local community organization. Help for the selection process is provided on the website. A selection panel chooses the winner, who receives a grant to implement the service project under the supervision of a faculty member. The student receives a C2P Certificate of Merit and a scholarship upon completing the final report. The whole process is generally completed in a single semester.

About C2P: The Foundation is a 501(c)(3). The first program of C2P began at a university in 2000 in Georgia. Today, the Foundation has motivated individuals to contribute to their communities in 27 US states and on four continents. Under the direction of a board of world-class educators, business leaders, technologists, philanthropists and community officials, the Foundation continues to develop and apply programs to link individuals' career skills, professional interests and academic preparation to community service and social entrepreneurship.



CASE FOCUS AREAS & EXAMPLES:

Math and Science ■ A mechanical engineering student at Dayton University in Ohio used the CASE grant to create a math day camp for inner-city middle and high school students. He purchased Lego Mindstorms to teach the application of math and science by building robots and other devices together with them. Finally, a curriculum was developed for future programs. ■ A high school biology curriculum is being brought to life in North Carolina by a CASE grant. The CASE winner there, a high school junior, is leading a team of classmates to create environmental educational stations as a watershed education component within the school's biology curriculum and for environmental research, school events, field trips, and technology training for high school students throughout the area.

Information Technology ■ At Minnesota's Mayo Medical School, a student discovered that medical records at a local non-profit clinic were routinely lost and several physicians declined to continue volunteering due to the risks from incomplete medical histories. With the CASE grant, the student purchased a scanner and organized a team of students to convert existing paper files into an electronic medical records environment, saving time and money and improving patient care outcomes. ■ A Penn State student used a CASE grant to provide solar-powered XO laptops to children at Mt. Meru Peak School in Tanzania. This project introduced new computing technologies to K-12 students such as Internet research, a rich media player, and e-book reader to reach domains of knowledge that are otherwise impossible for children to access in developing countries.

Applied Technology ■ A student at Cal State Polytechnic used the CASE grant to develop an affordable, locally repairable, manual pump to support rural agriculture in Malawi. In addition to the pump itself, the team designed a transport system to the fields and information/training sessions on soil conservation, soil fertility and other techniques to increase yields and achieve sustainability. ■ A Dayton, OH mechanical engineering student used CASE to adapt a solar cooker to the need for sterilization of medical instruments in parts of rural Nicaragua where there is no electricity. Plus, the students worked with villagers in the community of Sabana Grande as a microenterprise to construct and market the new equipment.

Engineering ■ Students from Kettering University in Michigan used a CASE grant to study, design, procure materials and build wheelchair ramps at the mobile homes of families that otherwise could not afford them. Students saw classroom theories in practice and learned about "real world" engineering challenges. ■ India's large step wells provided rural areas with water for centuries, until British engineers offered alternatives. Now, with fresh water becoming a critical resource, Panjab University students and rural villagers are using a CASE grant to rejuvenate these wells by building walls and planting vegetation to prevent silt intrusion.

BECOME A SPONSOR

You can join socially responsible corporations, foundations, and individuals who have contributed to this cause, such as the W.K. Kellogg Foundation, the Coca Cola Company, Deutsche Bank, Georgia Pacific, General Electric and others.

Sponsors of CASE competitions receive market goodwill and recognition for their support for community development, service-learning and social entrepreneurship of students. Sponsor status creates opportunities for visibility in the press, in the community, at award ceremony events, among the sponsor's peer organizations, in the sponsor's marketplace, at the host organization and in professional associations in the sponsor's field.



To learn more, contact:

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