



MOTOROLA SOLUTIONS FOUNDATION

2017 INTERNATIONAL GRANT RECIPIENTS

International Grants

Global

American National Red Cross

Through the International Services and Missing Maps Program, the Red Cross can identify proper evacuation routes and information needed to prepare communities affected by disasters around the globe with better information to access communities who simply hadn't "existed" before on maps. Emergency responders and relief workers can identify routes to quickly reach disaster affected areas.

International Centre for Missing & Exploited Children (ICMEC)

ICMEC's First Responder Training on Missing Children builds a community of professionals who better understand the global and regional scope of the missing children issue; the importance of laws, policies and procedures; the basic search mechanisms; the link to child sexual exploitation; the various ways to engage the public in the search for a missing child; and how to work with media to help recover a missing child.

International Fire Relief Mission, Inc. (IFRM)

The IFRM Global Firefighter Support Initiative supports improved mission preparation and funding for IFRM missions and increases the community education and partnering model. This enables the organization to reach a larger number of community members and mobilize local partners wherever they work. These activities enable IFRM to reach an additional 200+ firefighters annually, hundreds of community members as well as increase the impact around the world.

National Engineers Week Foundation dba DiscoverE

DiscoverE's Girl Day inspires 500,000 K-12 girls a year to explore engineering. The Global Marathon engages more than 2,000 female engineers around the globe in conversations that transcend borders. The Future City Competition enables more than 40,000 middle school students who use the engineering design process to tackle challenges such as public safety and communications that Motorola Solutions engineers tackle every day.

New York Academy of Sciences

1000 Girls, 1000 Futures is a comprehensive virtual program designed to engage and inspire female high school students to study STEM fields and pursue STEM careers. It has three main components including layered mentoring (one-to-one; one-to-many; peer-to-peer), online programming that targets soft skill development (communications, networking, leadership), and a culminating in-person event. It is open to girls around the world, and in its first two years has reached over 600 girls from 38 countries.

Argentina

Fundación Junior Achievement Argentina

Innovation Camp provides students aged 16 to 22 a full day program where participants are organized in teams and are assisted by mentors and volunteers. The participants find innovative technology solutions to a specific problem. The teams are evaluated by a jury that chooses the winning proposal. Each member of the winning team will win a scholarship to participate in the International Forum of trainers in Córdoba.

Australia

Australasian Fire and Emergency Services Authorities (AFAC) Council Knowledge Event Series

AFAC hosts public safety education events for adult frontline responders, including volunteers. The series attracts an average of 100 delegates per event. Motorola Solutions Knowledge Innovation Awards are open to all AFAC members in Australia and New Zealand and are presented during the AFAC Conference which attracts over 2000 participants.

Crime Stoppers Queensland Limited

Crime Stoppers' new mobile application provides an update to its presentation materials to renew visits Queensland schools and educate students about the app and how they can play a role in helping to keep their local community safe.

Crime Stoppers Victoria Limited (CSV)

The CSV Community Safety Forums capitalize on over 30 years of experience in delivering public safety education and crime prevention campaigns. These educational workshops are designed to equip individuals with the information and tools necessary to make their homes and communities safer places. Each forum will provide guidance on how to make their homes secure, prepare for unexpected emergencies and strengthen the safety of their communities.

Brazil

Associação Alpha para Educação Especial

The project provides opportunities for young people from the Vale do Paraíba region and encourage them to pursue activities related to science and technology. This approach is accomplished through the development of robotics teaching and automation projects in public

schools and contact with entities that develop technologies in the region of operation. It is expected to impact more than 5,000 students from among 15 public schools.

Associação Junior Achievement do Estado de São Paulo

The project provides information on STEM careers for 225 students from public schools and/or non-profit organizations in São Paulo, Brazil, and prepares them for the job market. Students also participate in various challenge which develop competencies necessary to be successful in business.

Competitive Brazil Movement – MBC

MBC is an initiative to develop national digital economy within Brazil by placing citizens into digital knowledge careers.

Fundeb - Fundação para Desenvolvimento de Bauru - Unesp

Fundeb's Radio and Dispatcher Simulations train first responders in how to best respond and react to specific emergency situations. The program helps reduce the costs of physical radio training and to achieve the dissemination of knowledge to specific and general audiences.

Canada

Canadian Fallen Firefighters Foundation

The Canadian Fallen Firefighters Education Fund (CFFF) provides scholarships for children and spouses of fallen firefighters. The CFFF awards from one to six four-year scholarships annually.

Community Safety Knowledge Alliance, Inc. (CSKA)

CSKA's programs provide technology-enabled community mobilization in remote communities, builds professional capacities, supports a predictive analytics lab and reintegrates high-risk violent young offenders into remote communities, thus reducing the incidence of remand for low-risk, non-violent offenders. The program builds leadership capacity and conducts program evaluation in policing in Canada.

International Center for the Prevention of Crime

The Handbook for Coordination Evaluation Using Social Network Analysis is a tool for local stakeholders, and the development of a second phase of pilot-implementation of this handbook in three major cities of the Americas.

ProAction Cops & Kids

The Neighborhood Officer Program engages 17 teams of police officers with core competencies in community engagement to lead skill-building programs with 200 youth who live in communities known for violence, crime, drugs and gang activity. These programs provide a safe and fun way for officers to become accepted and involved members of these

neighborhoods. Programs offer a wide range of activities to meet diverse interests and needs such as sports, arts, music and community outings.

Royal Canadian Mounted Police Foundation

The Courage Program brings together schools, families and communities with the Royal Canadian Mounted Police Foundation to create responsive environments and build capacity for children aged 6-14 to identify and properly handle internet exploitation, safety risks, bullying and peer victimization. Courage strives to promote and enhance social wellness among youth by empowering them to identify and address safety risks they may face while online.

The TechConnect Program aims to strengthen communities and reduce crime by connecting Mounted Police Members with high-risk youth through technology. TechConnect places the Mounted Police into the school, working with high-potential yet disadvantaged youth grades six through nine. Members are able to connect one on one with selected youth through the use of technology.

Ryerson University

The Research Opportunity Program in Engineering (ROPE) welcomes highly motivated and talented female grade 11 high school students to explore engineering at the University level. ROPE is an intensive four-week summer internship that combines theory with hands-on practical experience in cutting-edge technologies.

Science Alberta Foundation

Science Alberta Foundation's geekStarter program engages students grades seven through 12 in solving real world problems by using innovation in robotics and other cutting-edge STEM fields. It emphasizes ethics, sustainability, social justice and student-centered experiential education through innovative, hands-on projects and research.

University of Fraser Valley

The University of Fraser Valley conducts research on emerging trends in firefighter injuries, diseases and fatalities in Canada. Each year, Canadian firefighters die or are injured responding to service calls and suffer traumatic events and exposure to smoke and gases from products of combustion, resulting in industrial diseases such as cancers.

University of Waterloo

The WEO Makerspace is a on campus resource used in a variety of programs aimed primarily at K-12 youth. For two months, elements of the space are taken on the road and used in rural and indigenous locations in southwestern Ontario. Programming is created and tailored to a variety of audiences and age groups as well as linked to specific curriculum topics.

University of Western Ontario

Canadian Society of Evidence Based Policing (CAN-SEBP) hosts regional workshops aimed at creating spaces to share the latest policing research and innovation and discuss research successes and challenges and any topics that promote a culture of curiosity within policing organizations.

Caribbean

Association of Caribbean Commissioners of Police (ACCP)

The ACCP Scholarship Program provides scholarships for children of police officers and police support staff who are in need and unable to further their education due to parents inability to adequately fund this effort, loss of life of a parent through any circumstances and children's outstanding ability and keen interest in specific areas of studies.

Chile

Fundación Paz Ciudadana

The program provides training for first responders who work in high crime areas; shares information and provides guidelines for public safety observatories at local level; conducts workshops in transferring practices and skills using actionable information for orienting the public services; and provides family-centered preventive intervention focused on adolescents to reduce aggressive behavior and repeat victimization.

China

China Police Martyrs and Heroes Foundation

China Police Martyrs and Heroes Foundation provides educational scholarships to 160 children of fallen police and fire officers in four provinces of western China (Sichuan, Qinghai, Xinjiang, Gansu).

Junior Achievement International, China

The Public Safety of Children Program provides 800 elementary students in Beijing and Shanghai with workshops in public safety skills. An estimated 3,000 people indirectly benefit from the program.

Colombia

Asociación de Obras Sociales en beneficio de la Policía Nacional

The Interactive Classroom Learning or Virtual Learning Environments Program creates interactive classroom and virtual learning environments that benefit 1,300 students in Nuestra Señora de Fátima School in Santa Marta and Valledupar cities. The program provides an academic environment aimed at strengthening students' skills in different areas, allowing for better social and labor inclusion in the future.

Fundación Global Arte Ciencia y Tecnología

The Colombian Girls for Technology Program provides the opportunity for 70 girls from Medellín to pursue higher education. Girls receive training in CAD and certifications in science, technology and entrepreneurship based on problem-based learning through robotics competitions.

Give To Colombia

The Scholarship Fund for the Handicapped Soldiers of Colombia provides education and employment access for Colombian soldiers injured in combat.

Ruta N Medellín

The 250 Women in Tech Program inspires high school girls in public schools to study STEM careers through Clubs of Science and Hour of Code activities and trains them in four intensive bootcamps or technical skills certification workshops.

Costa Rica

Fundación Omar Dengo

Programming and Robotics Clubs for Girls project educates young women ages 12 to 18 from vulnerable and at-risk communities in hands-on training in programming, robotics and 3D digital animation. The program provides one face-to-face workshop for deaf and hard-of-hearing girls and women.

Ecuador

Escuela Superior Politécnica del Litoral (ESPOL)

"Natural Disasters: Knowledge saves lives!" is a science education and risk awareness program implemented in Guayaquil and Durán. The program consists of exhibits focused on earth science and understanding natural disaster risks, consequences and safety measures as well as an educational component that will help 320 children, families, teachers and school directors.

Egypt

Alsearag for Content and Innovation Services

The Egyptian Robot Olympiad is part of The World Robot Olympiad - a global robotics competition for students aged seven to 25. The Olympiad brings people together from all over the world to develop their creativity and problem-solving skills through a challenging and educational robot competition. Students with mentors/teachers go through camps and training until they reach City Finals and National Finals. First place winners represent Egypt in the International Olympiads in Costa Rica in November.

Europe

Hands-On Technology

Hands-On Technology supports the First Lego League in Central Europe as part of the global educational program designed to get children excited about science and technology and teach

valuable employment and life skills to over 900 teams of students in Germany, Austria, Czech Republic, Hungary, Poland, Slovakia and Switzerland.

Student Robotics

The 2018 Student Robotics competition provides a hands-on engineering experience to 500 students from the United Kingdom, France and Germany.

Germany

Deutsche Jugendfeuerwehr Im Deutschen Feuerwehrverband (DJF)

The DJF Diversity Project is a mentoring and volunteer fire brigade program designed for socially and educationally disadvantaged young people to improve equality and future employment prospects.

India

ActionAid Association

ActionAid Association provides disaster preparedness and risk reduction training for 1,600 women from 22 vulnerable and marginalized villages in high risk areas of Odisha.

Israel

Appleseeds Academy

The Net@ program takes on the challenge of digital inequality by empowering elementary, middle and high school youth from 21 socially marginalized areas in Israel with technological and computer skills. Net@ provides professional, technological and leadership skills training to 1,700 under-served youth over an eight-year modular curriculum. The Net@ program brings together Jewish, Muslim, Bedouin and Christian youth.

Ben-Gurion University of the Negev

Ben-Gurion University of the Negev provides scholarships for undergraduate students from disadvantaged backgrounds in the Negev Desert area.

Holon Institute of Technology (HIT)

Engineering the Future aims to help students thrive in their academic studies through granting scholarships to those in the STEM fields. The scholarships are awarded to students who are in need of financial support. Recipients of the scholarship are also provided various support mechanisms such as personal counseling, lessons in small groups and workshops.

Israel Friends of Technion (IFT)

The Israel Friends of Technion ensures that no student is forced to stop studies at the Technion due to financial difficulties. Each year about 1,300 scholarships are awarded to students based on socio-economic situation, health status, number of children in the family, place of residence etc.

Middle East Entrepreneurs of Tomorrow (MEET)

MEET builds knowledge and skills of 200 excelling Israeli and Palestinian students ages 15-17 in computer science, social entrepreneurship and joint project work in diverse teams. The overnight program was held in Jerusalem in Summer 2017, providing 100 academic hours per student and creating opportunities for students to design, plan, pitch and implement innovative technological projects addressing the local communities' needs, in addition to social and fun activities.

Tel Aviv University-Students Aid Unit

Tel Aviv University provides scholarships to engineering and computer science students from low socio-economic backgrounds in Israel.

The Hebrew University of Jerusalem

This scholarship provides support to 16 undergraduate students from low socio-economic backgrounds in engineering and computer science.

Japan

Tokyo Institute of Technology

Team-Oriented Cross Border Entrepreneur Cultivating (CBEC) Program is one of the adopted programs in the Enhancing Development of Global Entrepreneurs Program proposed by the Ministry of Education, Culture, Sports, Science and Technology. Individuals are trained to foster innovation by working together as a team that transcends borders including gender, cultural and academic differences to allow for many different personal values while preserving an independent collaborative relationship with various stakeholders.

Kenya

Africa Fire Mission (AFM)

The 2017 Africa Fire Academies supports the All Kenya and Zambia Fire Academies which provide vital fire engineering, prevention and safety training to firefighters, communities and fire service leaders to enhance the sustainable capacity of fire services in Africa. The academies also support the expansion of AFM's service to Malawi and a fire prevention week in the informal settlement communities of Nairobi, Kenya.

Strathmore University

The Capacity Building in Internet of Things (IoT) for Underprivileged Societies in Kenya Program's main activity introduces and sparks interest in IoT among underprivileged youth. The program takes place in computer labs and lecture theaters of @iLabAfrica with a target audience of 100 under-privileged students, 50 high school teachers and 50 university lecturers from Nairobi and surrounding areas.

Latin America

Organización de Estados Iberoamericanos para la Educación, la Ciencia y la Cultura

Connected by Safety is an educational program that teaches Latin American children about active citizenship and engages them with local law enforcement. The program will take place in schools in Argentina, Colombia, Peru, Bolivia, Ecuador, Mexico and Chile and consists of 25 workshops with 1,250 children, 80 teachers and 80 law enforcement agencies.

Malaysia

INTI

INTI organizes and supports the annual MOTO Innocup, an inter-varsity embedded system competition among university students and workshops for high school students.

Penang Science Cluster

Project Ignite inspires 3,000 students and 120 teachers from 30 schools to be inventors by engaging with STEM and Arts. The program fosters critical and creative thinking, collaboration and effective communication where students learn the design thinking process, coding and electronics using Arduino to build prototypes with the aim to solve problems in their community.

University Malaya

University Malaya grants scholarships to two post-graduate students to provide essential analysis, design and implementation skills in radio frequency technology for IoT applications in Malaysia.

Universiti Malaysia Pahang

STEM Laboratory activities support outreach programs for primary and lower secondary schools including computer programming classes, hands-on design and interactive projects, prototyping classes and robotics.

Mexico

El Colegio de México

El Colegio de México's "IT's to Enhance Social Capacity on Emergency Responses" courses for high-school students and local emergency management authorities create a platform of collaboration between emergency management civil servants and communities vulnerable to climate change.

Movimiento STEM, A.C.

STEM Solutions: Youth and Robotics Project aims to introduce STEM disciplines to female high school students as future career options through their direct and active participation in practical learning workshops based on robotic technology. Participants design, build, test, evaluate and enhance the performance of different robots with the support of specialized

facilitators. Students between the ages 12 and 18 and current high school students come from poor and marginalized communities.

Philippines

Passerelles Numériques

From Underserved and Illiterate to Skilled Digital Professionals in 3 Years Program builds a holistic, inclusive and innovative training hub at PNP, to foster IT employability for underprivileged youth and enrich local players capacity.

Search and Rescue Unit Foundation

The National Training Caravan - Advocacy Training Program educates citizens in local communities about disaster relief. A team leader in every family will be trained to save their family during actual disaster.

Poland

AGH University of Science and Technology

Cybersecurity Winter School consists of different activities including lectures, workshops and projects that are conducted by experts in telecommunications and cybersecurity. The school also develops laboratories and equips next-generation firewalls with additional licenses to support security functionalities.

AGH University of Science and Technology's IoT Networks Project IoT with wireless SDN and High Throughput Wi-Fi Project has 15 students for the first year to map scenario requirements to device capabilities, configure sensors and controls into a functional network. The project provides a realistic, hands-on experience.

Bialystok University of Technology

Bialystok University of Technology provides an applicative engineering education to 60 university students through courses on Biometrics and Telecare on PC, mobile devices and embedded systems.

Silesian University of Technology

Practical Aspects of Mobile Devices Programming introduces participants to exploring platforms, tools, technologies and design constraints that make developing mobile applications a challenge. The course is dedicated to the students who have already acquired the knowledge on objective-oriented programming.

Republic of Korea

Korean Fireman's Mutual Aid Association

The Share the Love program provides financial support to families of firefighters who have died in the line of duty in the Republic of Korea.

The Police Mutual Aid Association

The Police Mutual Aid Association provides financial support to families of police officers who have died or are injured in the line of duty in the Republic of Korea.

Singapore

National Crime Prevention Council

National Crime Prevention Council supports training and programs for 6,000 volunteers conducting more than 27,000 crime prevention and security activities annually throughout Singapore to assist residents to take ownership of their neighborhoods.

Ngee Ann Polytechnic

The Diploma in Product Design & Innovation provides 40 to 45 students a three-year diploma education in product design.

South Africa

Enza Social Research

Building the Capacity of First Responders on Post Exposure Prophylaxis Protocols, Gender Based Violence and HIV Prevention Project will train 100 police officers working in victim empowerment centers in the Johannesburg region in South Africa in terms of protocols to access post-exposure prophylaxis (PEP) to prevent HIV transmission to victims, particularly for vulnerable populations such as children, women and the LGBTI community who are at high risk of contracting HIV as a consequence of sexual assault.

Spain

Fundación Huérfanos CNP

The Childhood and Youth Support program provides psychological, educational and social support to all orphans. The opportunity to participate in the socio-cultural program will be offered to them in order to improve their training to access the world of work.

Switzerland

Foundation CERN & Société (CERN & Society Foundation)

The CERN Beamline for Schools Competition gives two teams of 20 high-school students from anywhere in the world the opportunity to propose and conduct an experiment using a fully-equipped particle beamline.

Taiwan

Taiwan Association of Retired Firefighters

The Program to Promote the Community Fire Safety will be combined with the regional women's fire propaganda team to the north, central, south and east of Taiwan. Each choose a

school as a representative to help them carry out self-defense fire group training to enhance the overall community disaster resistance.

Thailand

The Redemptorist Foundation for People with Disabilities

The Stemability of Disabilities In 21st Century Program supports the vocational school curriculum to empower more than 10 talented people with disabilities with the IT and language skills training needed to thrive in a digital world and develop IoT startups by people disabilities.

United Kingdom

Greenpower Education Trust

The Program enables 16 new teams, both primary and secondary, to participate in a highly inspirational, hands-on engineering challenge in which they can acquire and practice sustainable engineering skills as well as key character skills such as resilience and persistence.

Institution of Engineering and Technology (IET)

IET Faraday Challenge Days enable more than 4,000 children from across the United Kingdom to step beyond the classroom and experience the thrill of pitching their engineering skills to solve real-life problems.

Royal Academy of Engineering

Six contextualized teaching resources for lecturers in the United Kingdom Further Education colleges are being created to teach the work of technicians/engineers from engineering sectors where there is an acute lack of diversity. Resources include interactive exercise simulations and biographies of professional technicians/engineers from underrepresented groups working in these sectors.

The Blue Lamp Trust

The Blue Lamp Trust supports the elderly and vulnerable within the community who have been or are likely to be victims of home crime. Working with the police and other first responders, the Trust offers practical and ongoing free support to enable victims to be and feel safe in their own homes.

University of Bristol

The New Enterprise Competition brings students, graduates and staff of the University to develop and launch their own entrepreneurial ventures.

University College London

The Urban Solutions Program will take place in Chicago, involving at least 12 local universities and colleges in a two-day challenge to develop solutions for smarter and safer cities (applicable to Chicago with relevance to developing countries). The program runs in partnership with Motorola Solutions and the Chicago Council on Global affairs, based centrally in the city.

Vietnam

Centre for Social Research and Development

The Centre develops a public safety program to protect villages that are at risk for flooding in the Huong (Perfume) River around Hue City. The project implements best practice standards for flood warnings so that everyone involved understands the messages, knows what to do and communicates this to others.

Passerelles Numériques (PNV)

PNV is developing a student-centered IT Learning Project for 100 underprivileged youth of Danang region during the school year.

Posts and Telecommunications Institute of Technology

Advanced ICT research and development activities support high-quality publications and innovative ideas on advanced information and communication technology for graduate and undergraduate students.