



MOTOROLA SOLUTIONS FOUNDATION

2018 INTERNATIONAL GRANT RECIPIENTS

North America

Canada

Canadian Critical Incident Stress Foundation

Camp F.A.C.E.S. provides a five day retreat for surviving families of fallen emergency service personnel. During this time, mental health programs, creative art and structured activities provide opportunities for families to grow, connect and heal.

Canadian Fallen Firefighters Foundation

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

Canadian Red Cross Society

The Canadian Red Cross Missing Maps expansion project aims to create digital maps of Canada's 'forgotten' places to help international and local humanitarian agencies better respond to crises affecting specific areas. The Missing Maps expansion initiative will facilitate the assessment, study, and documentation of areas with inadequate maps, supporting populations vulnerable to potential risks.

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 Global City Index on Crime Prevention is a set of metrics and indicators providing a broad range of information and training on crime, safety and policy responses to public safety officials around the globe.

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 300 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

Kids, Cops & Computers is a community-based program that supports vulnerable youth to become technologically proficient, improve academic outcomes, build confidence, make better life choices, and contribute to community. The program provides laptops and training by RCMP members to help students reach their academic and personal potential. With this support, the RCMP Foundation will reach 48 youth in rural communities in Saskatchewan and Nova Scotia.

Ryerson University

Ryerson University's Engineering Experience welcomes highly motivated female high school students to explore engineering at the university level. This intensive, 3-day summer program combines theory with hands-on practical experience using cutting-edge technologies.

University of Calgary

University of Calgary's Technovation is a global technology entrepreneurship competition for girls between the ages of 10-18. Girls work in teams and are provided mentorship from computer science majors and industry experts to develop mobile apps and business plans to pitch their ideas.

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.

Europe, Middle East & Africa

Africa

Africa Fire Mission

The 2018 Africa Fire Academies supports the 4th 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, Tanzania and Kenya.

Ghana

Africa ICT Right

Girls In Tech (GTech) is an after-school computer science education program for high school girls between the ages of 9-16 from underserved communities in Ghana. Over 5,000 young girls learn about coding and robotics.

Kenya

AkiraChix Association

CodeHive is a technical training program that targets young women between the ages of 18-24 from socio-economically disadvantaged backgrounds. The program aims to develop participants' capacity and skills in computer literacy, programming, graphic design and more.

The African Centre for Women, Information and Communications Technology (ACWICT)

The African Centre for Women creates opportunities for 1,000 high potential young women from poor and disadvantaged backgrounds in Kenya to pursue careers in computer science. The program includes three-months of in-class computer science training followed by three months of job placement support.

Morocco

Fundación Educación para el Empleo

The Make IT Impactful training program provides 200 underprivileged young adults between the ages of 18-35 with computer science training and job transition support.

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.

Junior Achievement Africa

Junior Achievement's Coding and Robotics Innovation Camp is a one-day program that serves 70 middle-school learners. The program builds students technical understanding of coding and engineering through training on robotics and coding using "Scratch".

South African Women in Engineering

The GirlEng Technovation Camp is a four day workshop for 60 high potential mathematics and science high school girls between the ages of 16 - 18, hosted in Johannesburg, South Africa. The objective of the program is to help girls get excited about engineering and picture themselves as future engineers. The participants come from historically disadvantaged schools with limited access to STEM-focused educational programmes.

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.

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.

Israel

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 between the ages of 15-17 in computer science, social entrepreneurship and joint project work in diverse teams. The overnight program was held in Jerusalem in Summer 2018, 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 program provides support to 16 undergraduate students from low socio-economic backgrounds in engineering and computer science.

Poland

AGH University of Science and Technology

AGH University of Science and Technology will train students in advanced LTE networks, specifically in the area of simulating LTE and wifi networks consisting of densely deployed base stations and access points serving tens or even hundreds of users. Seventy students will be trained through this advanced programming.

Ochotnicza Straż Pożarna - Jednostka Ratownictwa Specjalistycznego we Wrocławiu

Ochotnicza Straż Pożarna provides theoretical and practical training for first responders in missing person search operations. One hundred rescuers from volunteer search and rescue organizations will receive training in incident command basics, missing person behavior and search and rescue operation planning.

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 & Soci t  (CERN & Society Foundation)

The CERN Beamline for Schools Competition is an international science competition for high school students from around the world. The 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.

United Kingdom

Greenpower Education Trust

The Greenpower Education Trust 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.

Engineers Without Borders UK

The Engineering for People Design Challenge is an inter-university design competition that is embedded in UK undergraduate engineering curricula that allows students to address real life issues faced by communities across the world.

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.

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, including the installation of door locks and smoke detectors.

University of Bristol

The New Enterprise Competition is an annual competition, and the flagship business support activity at the University of Bristol. The New Enterprise Competition aims to award up to £40,000 in early-stage funding and support to aspiring student and graduate entrepreneurs, with a special focus on underrepresented populations. Over 140 participants are supported as part of the New Enterprise Competition each year.

University College London

The Safer and Resilient Communities through Safer and Resilient School Facilities program aims to teach students and teachers through the development of a mobile application about the physical vulnerability of school buildings against earthquakes, floods, and typhoons. The goal of this training is to disseminate a culture of safer and resilient schools and communities.

Latin America

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, Brazil, Colombia, Peru, Bolivia, Ecuador, Mexico and Chile and consists of 115 workshops with 5,750 children, 230 teachers and 230 law enforcement agencies.

Brazil

Fundeb - Fundação para Desenvolvimento de Bauru - Unesp

Fundep'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.

Instituto Rogerio Steinberg (IRS)

The "Skills Development for the Bottom of the Pyramid" project targets 100 students aged 8 to 14 from low-income families whom are identified as gifted. The program trains the students to think critically and use engineering or technology in imaginative designs or creative approaches to real-world problems while developing students' mathematics and science base skills.

Bolivia

Fundación Boliviana para el Desarrollo Social (FUNDESOC)

The Youth Promoting Public Safety in Schools & Neighborhoods builds a partnership among Universities and underprivileged communities within Bolivia. The program recruits 12 university students within a technology focused degree to train 400 students aged 16-18 years in social risk prevention and public safety. The University and high school students develop projects using technology that address key challenges within their respective neighborhoods.

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.

Bahamas Engineering and Technology Advancement

The BETA Camp is an annual two-week summer camp that recruits youth ages 11-14. The camp introduces students to STEM disciplines through hands-on projects focused on web-design and computer science. Additionally, BETA partners with local technology companies to host participants for tours and shadowing opportunities.

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.

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.

Corporación Matamoros

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

Ruta N Medellín

The AdvantagEdTech program focuses on engaging female students currently in correctional institutions and students with disabilities. The program engages the students in science clubs, coding bootcamps as well as a competition for students to receive seed capital to begin an entrepreneur initiative.

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.

Mexico

Consejo para el Desarrollo de la Industria Software de Nuevo Leon A.C.

"Patrones Hermosos" is an intensive program that educates over 500 girls between 13 and 17 years old in computational thinking skills. Nearly 30 women engineers and computer scientists from MIT serve as mentors and trainers as well as university students studying engineering.

Cruz Roja Mexicana I.A.P

Red Force engages children from public schools in a "Let's learn how to prevent disasters!" course to learn what they can do to reduce disaster impacts. The program focuses on serving 15,000 students located in vulnerable zones to natural disasters in Nuevo Leon. Following the program, the students participate a follow-up evaluation that helps reinforce what they learned.

Asia Pacific

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

The Professional Development for Crime Stoppers First Responders program provides up to 50 personnel with enhanced training and additional support. The program includes developmental training and mental health training courses at the State Office in Brisbane. These courses are supported by a range of Queensland services including police, ambulance and health providers and professionals in this space.

Crime Stoppers Victoria Limited

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.

China

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.

One Foundation

One Foundation conducts capacity-building activities for members of the provincial-level disaster relief networks in Sichuan, Yunnan, and Guizhou Province. The network of non-governmental philanthropic organizations receives trainings about disaster management, emergency mechanism establishment for the province-level network, social organization cooperation, disaster information flow management, and etc.

India

ActionAid Association

ActionAid trains districts within Odisha in disaster risk reduction. The program will identify ten disaster prone villages and train 1,000 women to be leaders in disaster risk reduction. The participants will be enabled to lead initiatives pertaining to climate change, vulnerability to hazards, building resilience within community, and preparing action plans prior to a disaster.

Indonesia

Faculty Of Electrical Technology, Institut Teknologi Sepuluh Nopember Surabaya

The proposed program will provide digital literacy skills for 50 blind and low vision students. The hands-on training focuses on software practices especially in Braille Word Processor, as well as a training how to operate and build The Braille Printer.

Yayasan Pintar Pemersatu Bangsa

The Flood Mitigation Training for Flood Rescue Team consists of 80 people whom are placed in the flood area of sub-district Bidaracina East Jakarta. Jakarta, the capital city of Indonesia, is hit by major floods along the Ciliwung River every year. The disaster effects a heavily populated and impoverished community resulting in catastrophic damage. The Rescue Team will train community members to better prepare for the flood and design a disaster reduction plan.

Malaysia

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.

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.

University of Malaya

The AZALEA project focuses on the participation of underprivileged and orphanage children aged from 13-17 years old. The project incorporates STEM education among secondary school students through interactive and fun learning where the students will be exposed on programming, 3D printing and robotic classes. The students are introduced to the basic concept of urban farming where the students will be developing a sustainable aquaponics prototype.

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.

Philippines

Foundation for Rural Electrification for Economic Development

The program increases the readiness and support for the families of emergency responders by providing preparedness trainings and non-food emergency kit items to family members (spouse and/or children, who will later on conduct similar trainings to families of other responders.

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.

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 (PDI) program is a three-year diploma education program in product design at Ngee Ann Polytechnic, Singapore. The program recruits 40 to 45 students to better understand the lifecycle of the design and development of innovative products with the fundamental objective of improving people's life.

Taiwan

Taiwan Association of Retired Firefighters

The program partners with local fire service retired associations in underserved districts throughout Taiwan. Volunteers will identify residential buildings located within impoverished

neighborhoods. The volunteers will then organize self-defense fire safety training so as to enhance the overall fire prevention capabilities of those districts.

Vietnam

Passerelles Numériques

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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.