



MOTOROLA SOLUTIONS
FOUNDATION

2019 INTERNATIONAL GRANT RECIPIENTS

*This is a partial listing of 2019 International Grant recipients

NORTH AMERICA

CANADA

Actua

National Girls Program engages girls in hands-on skill development programs that implement their ideas, incorporates their interests, and address barriers that limit inclusion in STEM fields. The National Girls Program engages 10,000 girls across Canada every year through all-girl programming including in-school workshops, on and off campus camp experiences, after school clubs and community outreach initiatives.

Alberta Critical Incident Advisory Council

The Alberta Critical Incident Provincial Network Training trains 90-120 public safety personnel in North, Central, and South Alberta in the ICISF CISM model of Peer Support. The program includes courses such as "Assisting Individuals in Crisis" and "Group Crisis Intervention" which constitute Basic CISM training qualifying participants to become peers within the Provincial Network.

Canadian Association of Fire Chiefs

Canadian Association of Fire Chiefs spreads mental health resilience and awareness training for firefighters in the Northwest Territories and in Newfoundland and Labrador. A total of 25-30 new trainers will be trained between the two provinces. These individuals will then become trainers themselves.

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 (CFFF)

CFFF provides scholarships for children and spouses of fallen firefighters. The CFFF awards four to six four-year scholarships annually.

Canadian Red Cross Society

The Missing Maps expansion project creates 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.

International Centre for the Prevention of Crime (ICPC)

The ICPC proposes a comprehensive approach to crime prevention and community safety for public and private organizations wishing to improve citizen safety through the creation of three capacity-building modules. ICPC delivers training modules to at least 30 participants, with the support of the Montreal's RÉNAL - Network for exchange and support to local actions.

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.

Ryerson University

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

University of Alberta

The Women in Scholarship, Engineering, Science and Technology Summer Research Program engages female students just prior to entering their final year of high school through a six week placement in a U of A STEM lab. Forty-five female students, primarily from Alberta, Canada, will participate in real-life research as paid research assistants with a majority focusing on engineering and technology.

University of Manitoba

WISE (Women in Science and Engineering) Kid-Netic Energy offers K-12 students in Manitoba, Canada, interactive and hands on opportunities to explore STEM. WISE Kid-Netic Energy will run All-Girls Robot Fight Club, Go Code Girl, and All-Girls Codemakers Camp.

EUROPE, MIDDLE EAST & AFRICA

AFRICA REGION

Africa Fire Mission (AFM)

The 2019 AFM programs include the 5th All Kenya Fire Academy & Symposium, 3rd All Zambia Fire Academy, as well week long trainings for the Sierra Leone Fire Force in Freetown, Sierra Leone, Ghananian National Fire Service in Winneba, Ghana & expansion off the African Continent with a training academy in Kherson, Ukraine. Additionally, AFM will ship containers of fire PPE to Ukraine & 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 one year, fully funded residential hands-on technical training program that provides educational and economic opportunities to 50 young women between the ages of 18 and 24 years from socio-economically disadvantaged backgrounds. The program develops their capacity and skills in STEM concepts, software development, hardware & product design, graphic design, entrepreneurship, life skills, communication skills, and professional development.

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 socioeconomically 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.

Strathmore University

Strathmore University provides Internet of Things and Data Analytics training for undergraduate students at both Maseno and Masinde Muliro Universities, alongside mentorship sessions on careers within the emerging STEM ecosystem and entrepreneurship. The program targets 200 participants, 55 percent of which are female. The participants will also include a set of lecturers from both universities teaching STEM courses.

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

Enza Social Research trains 120 police in Johannesburg on protocols to provide supportive and competent service to LGBTQ persons who have experienced sexual assault due to their sexual orientation, and distribute medications to prevent HIV infections among vulnerable populations.

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 programs.

University of Johannesburg

The Missing Middle Female Engineering Students program funds ten academically deserving female engineering students who do not have the financial means to continue their studies.

ZAMBIA

Lubuto Library Partners

Girls Code! at Lubuto Libraries serves 192 marginalized and at-risk girls aged 11-20 in Lusaka, Zambia with technology camps that use a hands-on, interdisciplinary approach to teach programming, computer logic, circuitry, electronics, robotics and physical programming, and computer systems and architecture.

EUROPE REGION

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.

ISRAEL

Ben-Gurion University of the Negev

The program provides scholarships for underserved students pursuing engineering and computer science majors. Recipients of the scholarships come from the surrounding rural communities in the Negev region that are economically disadvantaged. The scholarships not only provide immediate financial support to deserving students, but enable graduates to serve as a catalyst for future economic growth and development in the Negev.

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, and place of residence.

Middle East Entrepreneurs of Tomorrow (MEET)

MEET builds knowledge and skills of 200 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 - Student's Aid Unit

The program provides 50 need-based scholarships to students studying Electrical Engineering or Computer Science who also demonstrate strong academic achievement and commitment to community.

UNITED KINGDOM

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 enables students to address real life issues faced by communities across the world.

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.

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 Bluelamp Trust

The Blue Lamp Trust visits nearly 2,000 individuals a year, and carries out a full security and safety check of their home, which includes critical updates and replacements to locks, windows, smoke and carbon monoxide detectors. This enables residents to feel and be safe in their homes, and in particular, prevents the need for victims of domestic abuse to seek refuge at a shelter.

University of Bristol

The New Enterprise Competition helps students develop the attitude, knowledge, and skills of the entrepreneur. The Competition enables students and graduates to develop confidence, self-reliance and a determination to succeed in the development of their own business ventures.

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 AMERICAN REGION

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

Connected by Safety prepares Latin American children for emergency situations and teaches how to utilize law enforcement during an emergency. The program hosts 120 workshops involving 240 teachers and public safety professionals across Argentina, Brazil, Chile, Colombia, Ecuador & Mexico and will reach 6,000 children.

ARGENTINA

Fundación Dr. Manuel Sadosky de Investigación y Desarrollo en TIC

Fundacion Dr. Manuel Sadosky trains 40 teachers and advanced students in Computer Science careers from 10 local Universities. The university trainers are in charge of training 300 school teachers, who then reach 9,000 children from elementary and secondary schools.

BRAZIL

Instituto Rogerio Steinberg (IRS)

The "Skills Development for the Bottom of the Pyramid" project targets 100 students ages 8 to 14 years old from low-income families who 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 based skills.

BELIZE

Humana People to People Belize

Humana People to People trains 30 community Village Emergency Committees (VECs) in disaster Home Safety and replenish 30 community First Aid Kits and produce materials for outreach activities and trainings.

BOLIVIA

Fundación Boliviana para el Desarrollo Social (FUNDESOC)

The Youth Promoting Public Safety in Schools & Neighborhoods builds a partnership among Universities and underprivileged communities in Bolivia. The program recruits 24 university students within a technology focused degree to train 950 students ages 16-18 years old 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 lack of funds or loss of life of a parent.

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 the 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.

Organización No Gubernamental de DeSarrollo Tecnologia con Numbre de Mujur

The program provides young women, between 13-18 years old with an accessible coding experience and training in entrepreneurship, with peer and mentor support. Through the program, girls are tasked with developing a mobile app to solve a problem in their own community. Girls learn to plan, develop and execute a complete business model and technology product. They learn more than computer science skills - they learn how to apply this knowledge in real world situations.

COLOMBIA

Asociación Obras Sociales en beneficio de la Policía Nacional

Virtual Learning Environment is a useful interactive technological tool which benefits about 1,500 students who are children of police officers. The program provides an academic environment that will strengthen their skills in different areas of knowledge; allowing for better social and workforc inclusion in the future.

Corporación Matamoros

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

FUNDACIÓN GLOBAL ARTE CIENCIA Y TECNOLOGÍA

Columbian Girls for Technology empowers to 70 girls low Secondary Girls who live in low income and vulnerable neighborhoods in Medellin. Each participant will gain knowledge in the areas of project design, applied research, entrepreneurship and teamwork. The focus of the program is to engage students with hands-on technology and engineering activities based on robotics to boost innovation. Schools keep the robotics lab and a teacher training who will be able to replicate the program for continuous impact.

Ruta N Medellín

TALENTO 4RI is a developer of vocational and social skills for young people. The program provides STEM mentors to 60 girls in underserved communities and IT training to incarcerated youth and young people with cognitive disabilities.

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 the impact of disasters. The program serves 15,000 students located in zones vulnerable to natural disasters in Nuevo Leon. Following the program, the students participate in a follow-up evaluation that helps reinforce what they learned.

AUSTRALIA-PACIFIC REGION

AUSTRALIA

Australian Academy of Technological Sciences and Engineering

STELR develops the skills of the future such as coding, programming and data analytics by writing and testing new course materials. The materials will support existing STELR programs such as Renewable Energy and Sustainable Housing. The effectiveness of these materials and activities will be evaluated in schools by surveying teachers and students.

Australasian Fire and Emergency Service Authorities Council (AFAC)

The AFAC Knowledge Event Series is a public safety education event held in capital cities in Australia and New Zealand. The program aligns to the strategic need of emergency services personnel and will serve first responders, including volunteers. The organization also awards the Motorola Solutions Foundation Knowledge Innovation Awards, which are open to all AFAC members in Australia and New Zealand and are presented during the AFAC Conference, which attracts over 2,000 participants.

Crime Stoppers Victoria

The Community Safety Forum "Pop Up" is an event series that empower individuals with practical information and tools to make their homes and communities safer and build engagement with emergency services and first responders in each area. Community members will learn how to make their families and homes safer, prepare for unexpected events and emergencies and strengthen the security of their communities.

The Graham (Polly) Farmer Foundation Inc.

'Motorola Solutions STEM University Scholarships' will be offered to five indigenous students across Australia who are part of the Graham (Polly) Farmer Foundation's "Living the Dream" Alumni Network and are pursuing engineering or technology degrees at university. A targeted engagement plan will motivate scholarship recipients to stay focused on their studies and build a career in STEM industries.

The Victorian Information Communication Technology for Women Network

Go Girl inspires, excites and teaches girls ages 9 to 18 about information technology and increases the number of females interested in STEM careers, with interactive workshops and a tradeshow. In 2018, 2,400 girls registered from all over the state of Victoria. Grad Girls empowers female STEM university students to make informed decisions about the transition from academic life to a career in the IT/digital industry.

Australian Red Cross Society

The Pillowcase Program is an emergency preparedness education program targeted towards children aged 8-11 to build their knowledge and capacity in disaster preparedness. The program offers a 40-60 minute informative and interactive workshop for children which helps them understand the impacts of emergencies and the importance of being prepared. The project will be delivered to 600 school children in Australia and reach an estimated 1,800 indirect beneficiaries.

INDIA

ActionAid Association

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

INDONESIA

Yayasan Pintar Pemersatu Bangsa

The Flood Mitigation Training for Flood Rescue Team consists of 120 people who 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 affects 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 5,200 students and 520 teachers from 30 schools to be inventors by engaging with STEM and the arts. The program fosters critical and creative thinking, collaboration and effective communication where students learn the design thinking process, coding and electronics using Arduino software to build prototypes with the aim to solve problems in their community.

University Malaya

Two post-graduate students will be given scholarships to provide essential analysis, design and implementation skills in ambient RF energy harvesting integrated circuits design and its applications.

Universiti Malaysia Pahang

MySTEM engages 550 school children, aged between 11-16 years old and 25 school teachers. Students will complete various engineering modules that lead to a larger hackathon and competition.

PHILIPPINES

Passerelles Numériques

The organization's program, "From Underserved and Illiterate to Skilled Digital Professionals in 3 Years" provides education as well as technical and professional training in the digital sector to underprivileged youth.

SINGAPORE

National Crime Prevention Council (NCPC)

NCPC engages the public through the organization of crime prevention activities. Working closely with the Singapore Police Force, the Council holds the annual crime prevention campaigns, as well as regular exhibitions and talks on crime prevention.

Ngee Ann Polytechnic

The Diploma in Product Design & Innovation (PDI) is a three-year diploma education in product design at Ngee Ann Polytechnic, Singapore. Between 40 to 45 students participate yearly.

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.

THAILAND

The Redemptorist Foundation for People with Disabilities

Students with disabilities participate in Internet of Things (IoT) workshops for 640 hours. Main activities include using STEM knowledge to design, invent, code or assembly products, encourage STEM startups, and collaboration across individuals with disabilities to replicate the programs nationwide.

VIETNAM

Passerelles Numériques

The organization's program, "From Underserved and Illiterate to Skilled Digital Professionals in 3 Years" provides education as well as technical and professional training in the digital sector to underprivileged youth.

Posts and Telecommunications Institute of Technology (PTIT)

Internet of Things (IoT) education and technology program supports research and innovative ideas on IoT, promotes IoT technologies and enhances knowledge and hands-on skills for lecturers, current undergraduate and graduate students, and prospective students at the university.