



MOTOROLA SOLUTIONS FOUNDATION

National

American Federation of Police & Concerned Citizens

American Federation of Police & Concerned Citizens provides support to families following a law enforcement line-of-duty death. The organization predominantly focuses on the children of fallen officers through services such as a gift program, college scholarship support, summer camps and grief counselling.

American Indian Science and Engineering Society (AISES)

AISES increases awareness and interest in STEM and computer science (STEM+C) among American Indian K-12 students by engaging them in hands-on STEM activities powered by Sphero technology. Over 150 students learn the principles of the scientific method and computer science using cutting-edge technology with real-world applications.

Associates of the Graduates of the United States Military Academy

The Center for Leadership & Diversity in STEM provides a comprehensive program, extending from elementary school through professional levels, seeking to build an overall stronger and more diverse national STEM pipeline. The program will reach 1,650 students through 35 hands-on mobile STEM workshops taught in high-need locations nationwide, and more than 50 STEM professionals through lectures and conferences with diverse experts and mentors.

Association of Public Safety Communications Officials (APCO)

The scholarship program assists public safety communication professionals with financial aid to obtain advanced education and training in their chosen field. Participants of the scholarship include frontline telecommunicators, supervisory positions, managers and retired members.

Black Chief Officers Committee

The Black Chief Officers Committee provides executive development training to 50-75 minority officers aspiring to become chief fire officers, fire chiefs and emergency services leaders. The program, which includes Canada and the Caribbean, supports current chief officers towards their continued education through classroom and networking. The symposium moves from state to state in order to reach a broader audience.

Border Patrol Foundation

The BPF scholarship program provides 17-20 higher education scholarships for the children of fallen, active duty and retired Border Patrol Agents. The foundation also offers scholarship opportunities to the children of others employed by the Border Patrol in support positions.

CodeNow, Inc.

CodeNow teaches programming skills to teens from underrepresented groups in Chicago and other U.S. cities through a year-long, four-phase program. By developing marketable skills and cultivating the idea that they can make a difference, CodeNow prepares teens for careers or degrees in technology.

Code.org

Code.org engages students in classes such as Computer Science Principles and Computer Science Discoveries that are offered online, as well as three national TeachCons. Over 1000 new K-12 computer science teachers participate in TechCon and reach tens of thousands of students in the 2018-2019 school year.

Combat Wounded Coalition

The Combat Wounded Coalition is committed to helping combat-wounded warriors re-instill the pride they once had, attain the power they need to surge forth, discover purpose in their new lives, and ultimately, find peace.

DEA Survivors Benefit Fund, Inc.

The DEA Survivors Benefit Fund provides education and benefits to family members of DEA employees and deputized Task Force Officers within 24 hours of death in the line of duty. The program serves over 12,500 families.

Destination Imagination, Inc. (DI)

DI teaches over 800 low-income students in design thinking, project management, internet of thing (IoT), dimensional modeling and other computer skills they can apply to the principles of physics and engineering. Over 8,600 students and 8,000 supporters will experience an interactive virtual reality exhibit that focuses on STEM in public safety and public safety careers at the DI Global Finals.

EPICS K12

EPICS K12 broadens student pathways into STEM careers by engaging teachers in 14 states through professional development programs designed to promote community-based, human-centered service learning and engineering design. New EPICS teachers engage with current educators through on-site or online training, regional hub workshops or curricular partnerships. Current teachers are given resources to maintain and grow their programs.

FBI National Academy Associates

FBI National Academy Associates programming provides resources to law enforcement agencies that are designed to assist in the development of resiliency, as well as the development of solutions to systemic concerns about the wellness of our officers and their families. The course focuses on four main domains: mental, physical, spiritual and social.

FBI-LEEDA, Inc.

The 28th annual executive training conference provides leadership education on current law enforcement issues and networking opportunities to share experiences and ideas for best practices to approximately 375 U.S. law enforcement executives.

FIRST

FIRST is a robust multi-age robotics program that provides over 1000 students (teams receiving direct team grants) with hands-on opportunities to apply math and science concepts to design, build, test and compete with robots at FIRST events globally.

First Responder Center for Excellence for Reducing Occupational Disease, Injuries, and Deaths

The educational program will teach firefighters and their families about the current state of research as it relates to occupational cancers, disseminate best practices related to reducing cancer risk factors and share recommendations regarding supporting firefighters and their families after a cancer diagnosis.

Girl Scouts of the USA (GSUSA)

The Girl Scouts Robotics Program provides hands-on learning in STEM, specifically engineering, to approximately 500 girls, with projected indirect reach to 9,000 girls through related events.

Girls Who Code

Girls Who Code Clubs provide computer science education to 30,000 6th-12th grade girls nationwide. Through 40 hours of flexible and proven curriculum helps equip the students with concrete technical skills that will provide the foundation for a future in technology and 21st century jobs. Clubs meet after school and on weekends year-round in schools, libraries, community centers and local universities.

Girlstart

Girlstart Summer Camps are week-long STEM programs for girls entering the 4th through 8th grade. By linking a variety of STEM learning activities to a central theme, Girlstart's camps provide individualized experiences that develop a strong conceptual understanding of STEM subjects and increase participants' interest in STEM activities and careers.

G.R.E.A.T. Foundation, Inc.

The Motorola Solutions G.R.E.A.T. Officer Training Class is a five day course for 24 officers and six instructors. Once trained in the G.R.E.A.T. violence prevention curriculum, the new officers teach the G.R.E.A.T Program in middle and elementary schools across the country. For every officer who teaches the program, an average of 299 youth are reached per school year.

Institute for Veterans and Military Families at Syracuse University

The Veterans Career Transition Program (VCTP) is a free, 12-month education program offered to transitioning active duty service members, post-9/11 veterans and military spouses.

VCTP is delivered online with information technology, human resource management and customer service learning pathways in order to help participants obtain the knowledge and certifications essential to their post-military career growth. Since 2011, the program serves nearly 5,000 veterans and spouses each year.

International Association of Chiefs of Police

The International Association of Chiefs of Police will create a directory of best practices in tribal community-police relations in order to assist tribal and first nations law enforcement agencies overcome their unique public safety challenges. The directory will also inform tribal, state, provincial

and local law enforcement partners about the innovative tribal citizen engagement and partnership strategies.

International Association of Fire Chiefs

The Fire Service Executive Development Institute (FSEDI) is a year-long program that prepares a selected group of aspiring and new fire-EMS chiefs to have successful tenures by enhancing their leadership skills. Fire Chiefs are provided with resources to address emerging threats to their departments and communities. Members of the program are also provided with avenues to get actively involved with national professional organizations.

International Association of Fire Chiefs Foundation

The regional Company Officer Leadership Symposium is a three-day instructional program designed to meet the specific leadership and training needs of company officers, captains and lieutenants, based on their roles and responsibilities. The program meets the necessary Job Performance Requirements (JPRs) as outlined in NFPA 1021 and follows leadership standards published in the IAFC's Officer Development Handbook.

International Centre for Missing & Exploited Children

International Centre for Missing & Exploited Children hosts a two-day conference where law enforcement and NGO's from across the world will review the implementation of the rapid emergency child alert system and develop a strategy on strengthening their resources and the use of the rapid emergency child alert system.

MATE Inspiration for Innovation

MATE Inspiration for Innovation international ROV competition challenges students to learn and creatively apply STEM skills to solve real-world problems and strengthen their critical thinking, collaboration, entrepreneurship and innovation. Students prepare technical reports, posters and presentations to participate in one of the regional events that take place around the world.

MATE Inspiration for Innovation International ROV competition inspires and challenges students to learn and apply scientific, engineering and technical skills to solve real-world problems and strengthen their critical thinking, collaboration, entrepreneurship and innovation. The competition engages students in STEM while encouraging them to develop and apply technical, teamwork and problem solving skills.

National Association of Women Law Enforcement Executives

This educational program for law enforcement personnel serves over 450 NAWLEE members and many others. The NAWLEE Educational Initiative builds on the annual training conference and provides additional training opportunities on key policing issues utilizing webinars and other conferences and symposiums to deliver vital training to as many first responders as possible.

National Association to Protect Children

National Association to Protect Children trains veterans and transitioning service members in counter child exploitation and digital forensics and then embeds them in U.S. Homeland Security Investigations field offices for 10-month internships. The program targets America's wounded, ill and injured service members to a new battlefield with a noble mission to protect

children around the world from exploitation and abuse.

National Center for Women & IT (NCWIT)

Aspirations in Computing (AiC) is a talent development initiative of the NCWIT designed to increase women's meaningful participation in computing careers by providing encouragement, visibility, community, leadership opportunities, scholarships and internships to women. NCWIT provides the program framework, online data management system and a complete program toolkit for local implementation, as well as volunteer management and encouragement in order to build a national computing talent pool.

National Emergency Number Association

The Friends of 9-1-1 Scholarship Program provides financial assistance for our nation's 9-1-1 first responders to take part in professional development classes, education and training. Ten first responders receive scholarships to be trained and equipped to keep our communities safe.

National Engineers Week Foundation dba DiscoverE

DiscoverE's Girl Day inspires 500,000 K-12 girls every year to explore engineering. The global marathon engages more than 2,000 female engineers worldwide. The future city competition transforms more than 40,000 middle school students who use the engineering design process to tackle public safety and communication challenges.

National Fallen Firefighters Foundation

National Fallen Firefighters Foundation supports wellness programs for firefighters and scholarship programs for family members of Fallen Firefighters. The program supports children and families of fallen firefighters throughout higher-education pursuits.

National Organization of Black Law Enforcement Executives (NOBLE)

The NOBLE Executive Leadership Training & Community Partnership consists of three individual programs: CEO Mentoring, CEO Symposium and the Law & Your Community. The program increases participants' knowledge and skills in career advancement, law enforcement engagement (youth), policy engagement to address issues that negatively affect their respective communities and 21st Century Policing Best Practices.

National Organization of Gay and Lesbian Scientists and Technical Professionals, Inc.

NOGLSTP offers scholarships and mentoring for LGBTQ students studying STEM in undergraduate and graduate studies as well as provide online mentoring through affiliation with MentorNet.

National Volunteer Fire Council, Inc.

The Volunteer Firefighter Health and Safety Training Initiative prepares fire, rescue and emergency personnel of all ages to safely and efficiently serve communities nationwide.

Through online and in-person courses, thousands of first responders across the United States receive free training on critical health and safety topics.

Phoenix Society, Inc.

Phoenix World Burn Congress is an annual, international conference that brings together 1000 burn survivors, their families, caregivers, burn care professionals and firefighters. This renowned event is a reflection of the burn community in action. People come together to offer support, increase knowledge of burn recovery and share inspiring stories.

Police Executive Research Forum (PERF)

Critical Issues in Policing 2018-19: PERF enables police executives and subject matter experts from across the country to research, discuss and identify promising practices on three of the most challenging issues facing law enforcement. PERF researches each issue and disseminates the findings and promising practices to police professionals nationwide, including PERF's 2,500 members. PERF also shares its findings through national news and social media outlets.

The Police Executive Research Forum is an independent research organization that focuses on critical issues in policing. Through their research they have identified the best practices on fundamental issues such as reducing police use of force, developing community police and problem-oriented policing, using technologies to deliver police services, and evaluating crime reduction strategies.

Police Foundation

The Law Enforcement Officer Near Miss Reporting System, "LEO Near Miss", was established to improve officer safety by creating a repository and analytic platform to collect and analyze data on "near miss" incidents in law enforcement. The proposed Lessons Learned via LEO Near Miss project continues to expand the utility of LEO Near Miss to four new law enforcement agencies to increase the number of officers and agencies benefiting and learning from LEO near miss experiences.

Science Buddies

Science Buddies will create open-access engineering lesson plans to be taught to 6-12th grade students nationwide. Science buddies will also train and prepare teachers for the engineering and invention fair in San Diego with materials and online mentoring.

Society for Advancement of Chicanos and Native Americans in Science

Mentoring Minorities to Advance Knowledge in Engineering (MMAKE) provides educational support to 14 underrepresented minority undergraduate engineering students through online career coaching, mentoring by minority engineering faculty and travel to the 2018 SACNAS.

Society of Women Engineers (SWE)

Society of Women Engineers' SWENext DesignLab and Annual Conference engages middle school girls in engineering activities and female engineering professionals. Over 1,000 young girls and engineering professionals participate in SWE's programming nationwide.

Special Olympics, Inc.

Train the Trainer program supports law enforcement and first responders through education and hands-on training on how to communicate and respond to people with intellectual disabilities. Throughout the trainings, best practices in community relations and mechanics of raising funds and awareness for Special Olympics also are applied.

The National Center for Missing & Exploited Children (NCMEC)

NCMEC provides annual training, technical assistance and resources to thousands of law enforcement and other child-serving professionals on issues of missing children and child sexual exploitation. Trainings help participants stay current on the dynamics of crimes committed against children; how to respond to child abduction, exploitation and sex trafficking cases; and educated participants on available resources.

The National Society of Black Engineers

SEEK is a national, evidence-based engineering immersion that exposes underserved minority students in the third through fifth grades to STEM engineering. SEEK is a free, out-of-school program proven to increase students' interest and proficiency in math and science. This summer, NSBE will operate 16 SEEK programs in 15 U.S. cities, benefiting over 3,200 students.

TrueChild, Inc.

TrueChild is a model mini-curriculum that helps girl-serving groups teach girls to think critically about feminine norms in STEM called FaST (Feminine norms And STem). TrueChild works with NAPE to develop a Professional Development Toolkit on STEM equity and feminine norms. TrueChild is also partnering with leading organizations like Techbridge and Project Exploration to help integrate content that challenge rigid feminine norms among girls of color.

Vision 20/20, a project of the Institution of Fire Engineers - US Branch

Vision 20/20 collaborates with law enforcement national organizations to develop synergistic strategic plans to reduce community risks and improve public safety through risk assessments, home safety visits, alarm installations, education and community policing. Vision 20/20 creates statewide CRR teams in IL, CA, FL & a high fire risk state, to benchmark and measure the number of departments using risk data to create & implement local CRR plans.

Alabama

NAF

NAF's students experience a four-year continuum of work-based learning that begins with career awareness and exploration activities such as worksite tours and job shadows. Students are also trained through resume workshops, mock interviews, and paid internships, as well as professional experiences. The majority of students are African-American females from low-income households.

Southern Research Institute

Southern Research Institute Drone Academy offers a balanced, blended experience integrating interactive STEM instruction, career exposure, student mentoring and public safety to students. Through hands-on UVA construction, flying exercises and experimenting students will gain the skills needed to compete in today's drone-centric world.

Arizona

100 Club of Arizona

Peer 100 provides mental health and wellness services to public safety professionals and their families. Over 300 public safety families are served in the program through the Maricopa County area.

Phoenix Police Foundation

The Phoenix Police Foundation cadet program will provide young adults with leadership skills, law enforcement training and experience with an emphasis on the importance of community relationships. The program instills sound morals and values, good physical fitness and provides several social and outdoor activities.

California

American Red Cross

Prepare Southern California is a comprehensive program that aims to increase the general public's knowledge of key disaster preparedness topics and their ability to build safer, more resilient homes and communities. Prepare Southern California is expected to directly serve more than 20,000 residents.

AnnieCannons, Inc.

The ' From Survivor to Software Developer: Tech Education to Fight Human Trafficking program gives 40 survivors of human trafficking a chance to learn critical skills to enter the technology industry and build out real software solutions to fight human trafficking and other issues relating to gender-based violence.

Burn Institute

Fire Safe Kids is a public safety program that teaches children life saving fire and burn prevention education. Fire Safe Kids teaches them how to protect themselves and their families against preventable burns, how to prepare for and act during a fire emergency and the dangers of fire play/setting. The curriculum consists of a 30-minute presentation followed by a fire engine assembly.

Cal Poly Pomona Foundation Inc.

Cal Poly Pomona Foundation will implement an approach to develop coding skills in two popular programming languages for middle school female students using hands-on, application-oriented approach. Cal Poly Pomona Foundation will also conduct training for middle school teachers about how to properly teach technology topics that will reach more than 600 students.

California Peace Officers' Memorial Foundation

The CPOMF Scholarship Program assists survivors of fallen peace officers in achieving their educational goals. Over 15 students receive a scholarships per year.

Elementary Institute of Science

EIS Academy supports San Diego's classroom teachers as well as instructors from public and private schools, EIS, museums, science centers and other STEM-learning providers. Educators learn contemporary STEM curriculum and support each other's learning and professional development.

Over 10,500 students will benefit from the teachers' participation in the program.

Fisher House Foundation, Inc.

Fisher Houses are built to provide lodging for families of service members and veterans receiving care at a military or VA medical center. A single Fisher House consists of eight to twenty-one suites for each recovering service member and their family.

Los Angeles Fire Department Foundation

Los Angeles Fire Department youth programs serve more than 1,000 students between the ages of 14 and 22. With Cadet posts throughout the city, four youth FIRE Academies, four annual Girls Camps and three magnet high schools, programs are readily accessible in every part of the city. The programs prepare students for fire service careers and provides valuable life skills for whatever educational or career path they choose.

Los Angeles Police Foundation

The Conflict Resolution Training for Law Enforcement trains 180 LAPD supervisors (sworn and civilian) in how to identify and manage conflict in the workplace in Los Angeles. The four day training is designed to expose supervisors to conflict resolution leadership competencies that support best practices in conflict resolution.

Operation Homefront, Inc.

Operation Homefront's Transitional Housing Program provides rent-free, fully furnished, utilities-paid apartment housing and "wrap-around" recovery services for families on the edge of homelessness and break-up. The program serves approximately 60 injured or ill veterans and 180 immediate family members.

San Diego Police Foundation

SafetyNet: Smart Cyber Choices® is a joint public safety and technology education program of the Police Foundation and the San Diego Internet Crimes Against Children Task Force. The mission of this program is to keep kids safe online by increasing internet safety awareness for elementary and middle school children, educators, parents, and community leaders. SafetyNet® provides internet safety presentations to schools through assemblies as well as a variety of community settings.

Teens Exploring Technology (a project of Community Partners)

The Summer Coding Leadership Academy (SCLA) serves 60 low-income young men of color in South Los Angeles with an intensive computer science and entrepreneurship curriculum that teaches technological skills like coding, app design and graphic design as well as soft skills like problem-solving, leadership, public service and entrepreneurship. After 350 hours of instruction provided over 12 weeks, participants receive two years of mentorship and ongoing training to prepare them for tech internships.

The Regents of the University of California

The Regents of the University of California works to provide financial support to an outstanding member of the LGBT community who is pursuing an undergraduate degree in computer science or computer engineering, public police, communications or other programs touching on networked

systems. Recipients also receive faculty mentorship and are provided an opportunity to contribute to a research project.

The Safe Community Project

The Safe Community Project is developing a complete awareness and in-service training initiative to teach firefighters to be safer in their work and home environment. This training will also impact families of firefighters, ensuring that actions to protect firefighter wellness aren't limited to the fire ground and fire station.

Workshops for Warriors

Workshops for Warriors addresses the lack of training and employment for transitioning military members and supports a growing talent pool for the declining advanced manufacturing industry through its Advanced Manufacturing Training. The program provides accredited welding and machining education and job placement assistance to 155 transitioning military members and other veterans each year.

Colorado

Girls Incorporated of Metro Denver

The Girls Inc. Eureka! program is an intensive, five-year STEM based program that builds girls' confidence and skills through hands-on opportunities in STEM. Utilizing a "whole girl" approach, the program also incorporates sports and physical fitness, personal development and college and career readiness.

Intrepid Fallen Heroes Fund

Intrepid Spirit Centers provides the most advanced care possible to military personnel and veterans. Families are incorporated into the treatment program for best outcomes. Roughly 1,000 to 1,500 patients are served per year per center.

Metropolitan State University of Denver Foundation, Inc.

The Summer Science Institute is based on the foundational belief that students better retain information and become more interested in STEM through inquiry-based learning. Students experience hands-on activities taught by MSU Denver faculty members and are mentored by college students that open students' eyes to the possibility of attending college, prepare students in STEM concepts, promote critical thinking and problem solving and encourage innovation and teamwork.

University of Colorado Colorado Springs

The University of Colorado Colorado Springs provides professional development training to law enforcement, fire departments, medical first responders and other public safety personnel. Areas of focus include leadership, sexual assault investigations, officer wellness and cybercrime.

Youth Education and Safety in Schools Foundation

The Douglas County Sheriff's Y.E.S.S. program is based on a partnership with the Douglas County School District and consists of deputies teaching in the middle school health classes, a high school Text-A-Tip program, and suicide intervention/prevention programming. The Y.E.S.S. program is aligned

with several community coalitions focused on supporting parents, substance abuse and suicide prevention.

Florida

American Red Cross

The Home Fire Campaign combines grassroots neighbor-to-neighbor engagement and comprehensive marketing and public relations outreach to decrease injuries and loss of life from home fires. The initiative focuses on populations such as youth, elderly and low income, providing lifesaving fire-prevention and preparedness information and tools.

Consortium of Florida Education Foundations

Motorola STEM Solutions for Florida's Future involves nine projects throughout Florida, each directly involving a minimum of 100 middle and high school students. Each competitively-judged project involves 20 contact hours between students and workplace partners and is directly tied to curriculum that focuses on problem-solving and application of STEM skills.

Florida Atlantic University

The Women in Engineering/Computer Science Program facilitates a positive and inspiring community of support for approximately 319 students, providing them with a comprehensive mentoring program and designated FAU staff liaisons to offer guidance and assistance. Events and activities are facilitated throughout the year to enhance academic success and also provide students with continuous exposure to the computer science and engineering profession.

Florida Police Chiefs Education & Research Foundation

The program provides training and support to law enforcement leaders on the importance of their officers' overall well-being and further stresses how essential it is for successful policing. The service area is the state of Florida and an estimated 250 initial participants attend with a potential of 18,000 additional law enforcement personnel benefitting from this training.

Florida Sheriffs Association

FSA provides a scholarship program for children of employees of Sheriffs' Offices that are pursuing a degree in a law enforcement related field of study. FSA creates additional scholarship opportunities for children who are pursuing degrees in STEM related fields.

Great Minds in STEM

The Viva program stimulates interest in STEM through innovative lesson plans and carefully-designed hands-on activities. These activities promote an awareness of the pathways to a STEM career, laying the foundation for students to enter four-year post-secondary education leading to a STEM degree.

Miami Children's Museum

The Miami Children's Museum exhibit recreates a Safety Zone that provides insight into how police and fire rescue units work together for the health and safety of the community. The exhibit demonstrates the steps used in preventing many emergency situations and discusses individual responsibility, mainly focusing on fostering respect and a trust of civil servants.

Miami Dade College Foundation

Miami Dade College Foundation will offer active duty firefighters the opportunity to enroll in two college-credit courses that can lead to promotion and be applied toward an associate degree in fire science technology.

Public Safety Chaplaincy, Inc.

Public Safety Chaplaincy, Inc.'s Fire Families: Family Support & Awareness Program provides education and counseling services to families of public safety personnel in Broward County, Florida. The program helps families understand the impact that these careers can have on a family. The program serves 120 individuals including parents, siblings, older children and other family members of active public safety personnel.

Western High School (WHS)

Over 160 Western High School students serve as mentors by delivering STEM curriculum to elementary and middle school students. WHS students plan, design and build projects while enhancing leadership skills. As a result, the elementary and middle school teachers implement an enriching curriculum developed by WHS STEM students. In all, more than 200 students will benefit from STEM instruction.

Georgia

Angels & Me Foundation Angels N Tech

Angels & Me Foundation provides year-round programs and events for both parents and young girls promoting inclusivity of minorities in STEM. The programming initiatives include coding programs, aerospace engineer programs and hack-a-thons.

Armed Forces Mission

Through the I Will Intervene Challenge, Armed Forces Mission leads the charge to eradicate suicide in the communities we serve by providing the first responder community with world class training in suicide intervention and mental health first aid.

Atlanta Fire Rescue Foundation

Atlanta Fire Rescue Foundation's junior firefighter academy is a youth program targeting young men and women, ages 14-18, who are interested in fire and emergency services careers. The program will include two separate initiatives including a long-term cadet program and a short-term camp experience for young women.

Augusta Technical College Foundation

Augusta Technical College Foundation will provide assistance to students enrolled in the cybersecurity program who have demonstrated financial need and provides a pathway to career opportunities and economic success for program graduates.

East Georgia State College (EGSC)

EGSC creates a pathway for firefighters and emergency services personnel to advance their careers in a high-quality, affordable, online fire and emergency services administration Bachelor's degree

program. The EGSC FESA program prioritises scholarships =to families of fallen first responders. Through the program, participants gain a better understanding of community outreach, coursework in fire/emergency services, disaster preparedness and public administration with advanced technology training.

Georgia Aquarium

Georgia Aquarium offers an underwater remotely-operated vehicle (ROV) building camp to girls attending Sweetwater Middle, a Title I Gwinnett County school in Lawrenceville, Georgia. A total of 12 girls and two teachers will construct three ROV's during Spring Break 2018 and will return to school with the knowledge and confidence to view engineering as a feasible college and career path.

Georgia Robotics Alliance

The G3 Drones for Good program engages a total of 864 students, teachers and engineering professionals from the Atlanta area in a STEM competition involving unmanned aerial vehicles (UAVs). Middle school students work with high school students, technical mentors and teachers to develop an innovative UAV-based solution to a problem in their community, state or world. Over the six-week period, middle school students will research, problem-solve and communicate while designing, building and flying their own UAVs.

Georgia Tech Foundation

Georgia Tech Foundation works to create the next generation of engineers and entrepreneurs by making invention education accessible to all students and teachers in Georgia. Students engage in innovative engineering activities through the invention process and teachers improve their teaching of STEM subjects through workshops provided by the Georgia Tech Foundation.

Troops To Firefighters.

Troops to Firefighters helps military service members and their spouses obtain jobs in the fast paced field of 9-1-1 emergency call center dispatch through career outreach as well as training certification and job development.

Illinois

Adler Planetarium

Adler's Summer Enrichment Programs provide unique and engaging summer programs outside of the classroom to build students' skills and knowledge in STEM subjects. The programs build students' problem-solving skills and confidence through positive, hands-on experiences with science, and encourages students to pursue further education and careers in STEM fields.

After School Matters, Inc.

After School Matters employs an apprenticeship model for Underwater Robotics & Engineering programming. Apprenticeships are hands-on, project-based programs that allow Chicago's high school teens to develop career readiness and STEM-specific skills.

American Red Cross

Through its Home Fire Campaign, Red Cross staff, volunteers and community partners go door-to-door in high-risk neighborhoods, installing smoke alarms and batteries and helping families create escape plans. The Red Cross aims to reduce fire-related deaths and injuries in the U.S. by 25 percent by the end of 2019.

The American Red Cross Heroes Breakfast raises awareness and recognizes local Chicago heroes who have made a commitment to create stronger communities. Specifically, The Law Enforcement Hero Award recognizes a law enforcement professional who has exhibited heroism in his/her response to an emergency situation.

Big Brothers-Big Sisters of Metropolitan Chicago

Big Brothers-Big Sisters of Metropolitan Chicago will match youth in the Chicago and Schaumburg area with local law enforcement officers and they will participate in engaging activities. This mentor relationship will help develop stronger bonds between law enforcement and the residents they serve and protect.

Big Shoulders Fund

The Big Shoulders Fund STEM Initiative provides low-income minority students with greater access to STEM-related experiences and improves student achievement in STEM subjects through investment in professional development and support for math and science instruction by teachers.

Brave Camps Inc.

BraveCamp is a five-day bootcamp that teaches 20 high school girls coding, design-thinking, public speaking and leadership skills. By the end the camp, girls will build a website that communicates and addresses a community issue they care about.

Center for Neighborhood Technology (CNT)

CNT's Urban Sustainability Tech Challenge is an entrepreneurship support program focusing on technology use towards urban sustainability issues. Community engagement will form a Challenge Cohort to address a single community sustainability challenge, with mentoring, STEM and entrepreneurship training forming the next generation of sustainability entrepreneurs.

Chicago Academy of Sciences

School Science Partnerships (SSP) provides two schools with in-depth science instruction for students and teachers aligned with the Next Generation Science Standards. Administrators and teachers apply these methods to change instructional practices. SSP will serve two schools and an estimated 10-15 teachers per school across grade levels, reaching up to 750 students total.

Chicago Police Memorial Foundation

The Foundation delivers a police officer suicide prevention seminar to 300 participants and works to institutionalize more effective officer suicide prevention practices in everyday law enforcement practices throughout the Chicago region.

K9 for Cops memorializes Chicago's heroic fallen officers while supporting the families of police officers killed or injured in the line of duty. Over 120 K9 statues have been installed throughout Chicago to honor the city's fallen officers.

Chicago Pre-College Science & Engineering Program, Inc. (ChiS&E)

ChiS&E will provide hands-on out-of-school science, math, and engineering activities to 450 K - 9th grade students in Chicago, launching its first high school programming. The program collaborates with University of Illinois Urbana Champaign to develop the curriculum, design an electrical engineering & calculus summer camp while continuing its current programs.

Chicago Public Library Foundation

CPL's Foundation will offer free technology and engineering workshops to middle and high-school students. These workshops are designed to engage teens in STEM subjects and their real-world applications.

Chicago Public Schools Student Science Fair

The science fair serves over 10,000 Chicago Public Schools (CPS) students who independently present STEM research projects in their classrooms. Through a process of competition at school and Network Regional Science Fairs, about 300 students are selected to showcase their projects at the CPS Student Science Fair.

Chicago Tech Academy

Chicago Tech Academy students collaborated to create public safety solutions for the Illinois Science & Technology Coalition Challenge. Prototypes were printed with a 3D printer and presented by the students to hundreds of fellow-participants and local tech companies.

Chicago Youth Centers (CYC)

CYC's Maker Labs offer project-based opportunities for students to learn how to code, manipulate vectors and use a 3-D printer, as well as develop valuable skills in metalworking, robotics and electrical engineering as they follow a project from idea to product. At the end of each program session, students participate in a culminating event where they present their work to their families and community members.

Citizen's Police Academy Alumni Association of Schaumburg

Citizen's Police Academy Alumni Association of Schaumburg will facilitate a one-week program for youth to learn about public safety in law enforcement environment with actual equipment. The interactive curriculum is taught by officers and uses modern methods and technology to focus on increasing understanding of public safety and building a partnership with law enforcement.

Code Platoon

Code Platoon transforms veterans into professional software developers through an immersive and educational program that employs hands-on, in-person training with each group to learn software design principles, modern software languages and best practices.

Concerns of Police Survivors, Inc. (C.O.P.S.)

C.O.P.S. Parents Retreat is a hands-on program that offers peer and professional grief support and physical challenges to build self-esteem for the parents of fallen officers as well as a network of support. Additionally, the C.O.P.S. Scholarship Program provides financial scholarship support to

surviving children and spouses of law enforcement officers who were killed in the line of duty.

Constitutional Rights Foundation Chicago (CRFC)

CRFC will work with law enforcement and have officers teach lessons to elementary and middle school students which are focused on their rights as citizens. This program will take place at schools around the Chicago Metropolitan area.

Denise Amber Lee Foundation, Inc.

The Denise Amber Lee Foundation's Education and Public Awareness Program continues to inspire thousands of communications personnel and first responders with quality full-day training classes. The Denise Amber Lee Foundation continues to lend our tragedy and voice to the quest for uniform training of all telecommunicators taking and dispatching 9-1-1 calls nationwide.

Elgin Community College (ECC) Foundation

ECC aims to engage underserved populations, including minorities and young women, that historically have been underrepresented in engineering, technology and public safety careers. The ECC Foundation will award scholarship funds to female and minority students who are enrolled full-time in one of the credential seeking programs identified.

Envision Excellence in STEM

Envision Excellence in STEM leads education reform initiatives that improve student performance and are dynamic and scalable enabling the success of these programs to be replicated throughout the country.

Evanston/Skokie Consolidated School District 65

District 56 will develop, implement and share two STEM curriculums specifically for informal learning environments. These curriculums will be hands on as youth engage in open-ended projects using the engineering design process.

Field Museum of Natural History

Design Challenge Stations involve trained volunteers engaging students in the engineering design cycle through a brief activity within an exhibition that makes intentional connections to Field Museum science. After researching specimens, interns work with digital learning educators and game design professionals to develop a Museum mobile-location based game.

FIRST Illinois Robotics

FIRST Illinois engages youth, ages 9-14, to build and program an autonomous robot to perform predefined challenge tasks. The robots are about the size of a shoe-box and perform on a four- by eight-foot playing surface. Teams are also judged on skills they have learned that prepare them to be successful in science and technology.

Future Founders Foundation

Future Founders provides 2,015 students from middle schools and high schools in Chicago and colleges in Chicagoland and beyond with entrepreneurship programs that connect them with mentors and provide engaging project-based learning opportunities. These programs will help students develop an entrepreneurial mindset and build key 21st Century skills necessary for future

career development.

Genesys Works Chicago

Genesys Works Chicago is working to expand opportunities for students to build the skills they need to pursue careers in the app and coding economy. GWC is going to collaborate with Apple for their Everyone Can Code initiative to add a new track of computer science to their summer training program.

Girl Scouts of Greater Chicago and Northwest Indiana

The Girl Scout Scouting Out STEAM brings engineering and technology education and hands-on experiences to up to 150 at-risk girls in up to five selected Title One schools on Chicago's south and west sides. The program gives the girls unique opportunities and proper resources to explore robotics, app development and circuitry and inspires them to pursue further STEAM activities and education and eventually consider and pursue STEAM careers.

Governor's Office of The Illinois Bicentennial

Governor's Office of the Illinois Bicentennial partnered with Illinois Math and Science Academy to implement programs across the state to inspire urban students to pursue a career in technology, education, medicine and more. Through a teacher professional development and student STEM enrichment program for Illinois students who are talented, interested and motivated in mathematics and science.

Illinois Institute of Technology (IIT)

IIT exposes students to a range of user populations that can benefit from creative solutions developed through technology and engineering education and public safety challenges which will encourage our youth to pursue STEM fields, and educate various age groups in public safety matters as well as address the education and training needs of first responders.

Illinois Science & Technology Institute (ISTI)

The ISTI is a STEM-focused nonprofit that provides programs and partnerships to connect companies with classrooms. ISTI supports schools and companies that want to impact the next generation of innovators.

Inner-City Computer Stars Foundation (IC Stars)

IC Stars works to expand opportunity for underserved young people through a proven project-based model that develops technology and community leaders. Over the course of the training they gain technical skills including HTML, CSS, SQL, Python, JavaScript, jQuery (Bootstrap), Node.js and introduction to relational databases.

Learning for Life

The Exploring program provides hands-on career education for youth in the fifth grade through 20-year-olds. The program provides career education and leadership experiences to help young people mature and prepare them to become responsible and caring adults. Exploring provides training and opportunities to join programs within local police and fire/EMS departments and airports.

Maine Township High School District 207

Maine Township High School District 207 will provide tuition and transportation to at-risk students to attain a certificate directly leading to employment or continued education in the engineering and technology fields.

Major Cities Chiefs Association

PELI is a leadership development program aimed at the assistant and deputy chief levels of major cities. It includes two four-day classroom sessions, 360 evaluation, problem exercise and three to four day visit with a mentor. PELI serves 18-22 participants in each session. Participants are exposed to experienced chiefs who candidly share challenges, successes and failures.

Midtown Educational Foundation (MEF)

MEF's Engineering Apprenticeship is a hands-on program in which students learn marketable skills from engineering professionals in the classroom and in the field. They also develop critical thinking and decision-making skills needed to excel in the workplace.

Museum of Science and Industry

The Institute for Quality Science Teaching (IQST) teacher training program will impact students' science learning by enhancing teachers' content knowledge and instructional strategies. IQST provides teachers and students with opportunities to maximize their Museum visit by providing a full range of pre- and post-visit materials and suite of hands on learning labs.

Northern Illinois Research Foundation

This program provides Saturday engineering workshops and summer day camp for girl scouts in middle school and high school. It will be focused on recruitment of female students, sustaining the present program by engaging the students with newer hands-on opportunities to the middle school girls in all the levels, and retaining participants by introducing higher level courses and programs.

Northwestern University

Northwestern partners university, industry and community stakeholders to provide STEM professional development and programming for educators and students as well as advance the development of a STEM Learning Ecosystems in Chicago. This ecosystem works to build a cross-sector community that delivers high quality STEM education across formal and informal learning environments in Chicago.

One Hope United

One Hope United will provide 6 months of in-person and virtual instruction coding training to youth ages 18-25. Participants will receive intensive social supports including life skills and job readiness training, mentoring, individualized employment planning, counselling and therapeutic serves, as well as case management services.

One-five Foundation

The FIRST® LEGO® League program introduces the fun and excitement of hands-on science and technology to almost 250 fourth through eighth grade students in an after-school program in Community Consolidated School District 15.

Operation Opportunity Foundation

Operation Opportunity delivers intensive and fully immersive academic boot camps that empower enlisted veterans and enlisted service member to successfully transition to top colleges. The STEM boot camp is offered at top-tier universities across the country and focuses on physics, scientific reasoning and mathematical skills.

Program in Education, Afterschool, & Resiliency

Program in Education, Afterschool & Resiliency works with various organizations to improve impact assessment through various tools and trainings. The program partners with fifteen of Motorola Solutions Foundation grantees to develop strong assessment tools and enhance impact.

Project Exploration (PE)

PE Youth-Science Pathway (YSP) provides high-quality STEM education to underserved communities in Chicago. Experiences in PE programs build students' self-confidence, increase their leadership, teamwork and communication skills, and give them the tools to become thoughtful, inquisitive and successful adults.

PE's Chicago STEM Ecosystem serves as the backbone of the Chicago STEM Pathways Cooperative (STEM Co-op). Through the STEM Co-op, PE connects multiple sectors -- schools, businesses, nonprofits, families -- and facilitates collaboration towards building accessible STEM pathways for all Chicago youth.

Project SYNCERE

E-CADEMY is a multi-year engineering program designed to provide underrepresented students with a guided pathway of opportunities to increase their interest and skills in engineering, while preparing them for entry into post-secondary engineering schools. Through the implementation of E-CADEMY, like-minded students are brought together to be motivated and prepared to successfully pursue careers in STEM.

Puerto Rican Arts Alliance

Puerto Rican Arts Alliance partnered with the Puerto Rican Police Association to have law enforcement engage with the community, in particular youth, to build a lasting relationship and bridge the gap between youth and police officers.

Shedd Aquarium Society

Shedd Aquarium's Underwater Robotics program introduces approximately 300 Chicago-area teachers and students to STEM principles through the development and application of remotely operated vehicles (ROVs) to investigate aquatic environments.

Skills for Chicagoland's Future

Skills aims to collaborate with its network of community and employer partners to place 1,150 underemployed and unemployed Chicagoland individuals into jobs. In addition to achieving high placement numbers, Skills' focus is to provide quality opportunities with competitive wages, access to benefits and career paths that will increase economic mobility.

SparkShop

SparkShop works to transform school classrooms into engineering labs and makerspaces where

students can follow their curiosities, get hands on experience and ask questions. The curriculum contains a mix of experiments, discussions, demonstrations and problem-solving designed for 4th-5th graders.

The Board of Trustees of the University of Illinois

The Board provides financial assistance to help offset student tuition and expenses for 66 new firefighters to participate in the seven-week Basic Firefighter Academy. Additionally, financial assistance is provided to approximately 180 firefighters enrolled in the Leadership Development and Decision Making program.

The Hundred Club of Cook County

The Hundred Club Educational Assistance Program provides post-secondary scholarships to twenty dependents of fallen first responders from Cook and Lake County Illinois.

The School of the Art Institute of Chicago (SAIC)

SAIC's Safety in Numbers program pairs fifteen high school students on Chicago's west side with fifteen SAIC design students to collaborate and promote safety in the North Lawndale community. Participants gain valuable STEM and leadership skills by securing data to identify design solutions.

The University of Chicago

Utilizing the "Lane of Things" curriculum developed in partnership with Lane Tech High School and SAIC, the University of Chicago will deliver a professional development workshop that provides Chicago high school computer science teachers with materials, background and training to implement a program that combines the ideas around embedded system, enclosure design and open data from a network of deployed sensors.

The University of Chicago will partner with Chicago Police Department to design, pilot and evaluate an officer training program called Situational Intelligence. This training will teach CPD officers to diagnose ambiguous situations more actively and accurately, enabling them to better tailor their responses.

Thrive Chicago

Thrive Chicago works with data analytic tools in order to help Chicago Public Schools make more informed program decisions to ease their funder report processes. Thrive also has a demonstration site where they share data, facilitate discussions about student goals and progress based on that data, and create strategic interventions.

Township High School District 214

The Next Generation Engineers program shows students how engineers use technology to solve everyday problems while engaging students in technology courses and careers. The courses include Explorations in Engineering, Robotics Systems, Green Architecture and Manufacturing Engineering.

University of Illinois at Chicago

To boost the number of undergraduate female students enrolled in the College of Engineering at UIC, the Women in Engineering Summer Program (WIESP) is designed to expose high school students to various fields of engineering and the many resources the university offers to pursue an engineering career. WIESP specifically targets high-achieving junior and senior female high school students who

have an affinity for math, science and/or engineering.

University of Illinois at Urbana-Champaign/The Hoeft Technology & Management Program The Hoeft Technology and Management Program delivers an interdisciplinary education to selected business and engineering students at the University each year. The program is an undergraduate minor degree program that bridges the gap between traditional engineering and business education through interdisciplinary coursework and hands on experience with real-world business problems.

William Rainey Harper College Educational Foundation

Harper College's Engineering Pathways and Award for Excellence provides scholarships and support to students from low income families who are pursuing a career in engineering. The students participate in the two year program at Harper College and are then automatically accepted to University of Illinois at Urbana-Champaign's Engineering School, which is ranked 6th in the nation.

Indiana

Purdue University Women in Engineering Program

The Purdue University Women in Engineering Outreach Programs support undergraduate and graduate female engineering students and pre-service teachers in delivering outreach programs that engage and expose over 4,000 first through eighth grade students to engineering using hands-on activities in Indiana and adjacent states.

Maryland

Digital Harbor Foundation

The Digital Harbor Foundation is a youth tech center dedicated to fostering education, entrepreneurship and technology advancement. The after-school and summer programs use technology and career-readiness education to help youth become productive, economically sustainable adults that give back to their communities.

Fire Museum of Maryland (FMM)

Ready, STEM, Fire! will engage 700 students with hands-on STEM programs that challenge them to apply concepts to solve problems faced by the fire service. Additional funds will be used to provide bus subsidies to Title 1 schools and increase accessibility of the program to schools with financial constraints.

Firefighters Fund of Fairfax County

The Officer Development Training program provides a cadre of instructors that provides the high-quality education and instruction required by the Officer Development Training Section. The program consists of content development, delivery and testing for the required NFPA certification

classes and officer development.

NAMI Maryland

NAMI Maryland's Safety for First Responders and the Public: Responding to Mental Health Crisis program provides education and consultation to 500 first responders and administrators across Maryland regarding effective response to mental health crises.

NPower, Inc.

NPower-Baltimore's Tech Fundamentals workforce development training program trains under-resourced young adults in certifiable information technology skills which allows them to pursue quality tech-related careers with salary growth and promotion potential. NPower pairs its technical training with professional development training and personal support services tailored to the unmet needs of students.

Michigan

Detroit Public Safety Foundation

Detroit Public Safety Foundation will host advance trainings for their peer support team in order to be better equipped to meet the needs of the department. The peer support team is a resource for officers involved in critical incidents and those struggling with the daily stress of the job.

Missouri

St. Louis Police Foundation

The St. Louis Police Foundation cadet program will enroll high school graduates to work in the police department and receive college tuition assistance. The cadets' work will include exposure to different police department units, high-visibility field duties, community interaction and leadership tasks.

New Jersey

Rutgers, The State University of New Jersey

The Rutgers Police Institute supports collaborative efforts with state and local law enforcement in the areas of integrated research, public safety problem solving, community participation, operational support and criminal justice policy and practice development. Its Distinguished Lecture Series brings the foremost national leadership to community partners, exposing law enforcement professionals and the public to thought leadership and providing community outreach to enhance public safety.

New York

FDNY Foundation

FDNY Foundation will focus on young families in fire vulnerable areas and give a presentation to pre-K through third graders about fire safety. Each child will receive a take home packet of fire safety

information and an invitation to request a smoke alarm installation.

New York Academy of Sciences

1000 girls, 1000 futures is a global virtual program designed to engage and inspire female high-school students to pursue STEM. It provides layer mentoring, online coursework and a supportive virtual environment for mentees and mentors to work together.

Rochester Institute of Technology

Rochester Institute of Technology gives students the opportunity to experience age appropriate STEM related activities taught by deaf and hard of hearing faculty and staff. By removing language and cultural barriers, as well as social stigmas often attached to students who are deaf and hard of hearing, children have the opportunity to explore the possibilities of a college education and STEM related careers.

The Intrepid Museum Foundation, Inc.

GOALS addresses the gender gap in STEM career fields by providing a rich, in-depth, six-week STEM experience for 50 teenage girls from underserved areas of New York City, as well as ongoing networking, mentoring and support for hundreds of GOALS alumnae as they continue with studies and career pathways.

Pennsylvania

Philadelphia Police Foundation

The Philadelphia Police Foundation will host trainings to make officers aware of the implicit bias and provide the information and skills that officers need to identify and reduce their biases. The curriculum addresses bias in racial, ethnic, gender, sexual orientation, religion and socio-economic status.

Utah

Havoc K9

Havoc K9 will host expert training seminars in the field of Law Enforcement K9 work in tracking, apprehension, scent detection and behavior. Havoc K9 will support individuals who are current K9 handlers and current K9 administrative staff in obtaining advanced handling and training techniques to support K9 team development.

National Alliance for Partnerships in Equity Education Foundation (NAPE)

NAPE's "Micromessaging to Reach and Teach Every Student" is a professional development program for teachers. The cohort will receive 16 hours of professional development, participate in monthly learning community meetings, conduct an action research project and have access to NAPE's online learning management system.

National Inventors Hall of Fame, Inc. (FKA Invent Now, Inc.)

Invention Project is a flexible summer or after-school program for middle school students that blends STEM with innovation and entrepreneurial skills. The program fosters career and college readiness through real-world challenges from the world's greatest inventors to encourage students to see themselves as scientists and engineers and explore STEM careers.

The Utah 1033 Foundation

The Utah 1033 Foundation provides financial assistance to the families of fallen Utah peace officers and dependents of active Utah peace officers to defray higher education costs.

Utah Valley University

Utah Valley University's summer program is for students in grades 7-9 who have an interest and aptitude in science and math. The program is a seven-week, three-year program of integrated STEM courses. This program provides resources like mentors, career role models and engaging activities including coding, programming and robotics.

Virginia

Virginia Fire Chiefs Foundation

Virginia Fire Chiefs Foundation will provide aspiring company officers and chief officers with key information to equip them with the knowledge and skills to be successful in their respective positions. Lessons in this professional development training include; leadership, impact of a leader's attitude on safety, leading under stressful conditions, employee coaching techniques, effective communication, correcting unsafe behaviors, managing conflict and dealing with employee stress.

Women in Homeland Security

Women in Homeland Security works with female mentors from the homeland security space to explore different career pathways as well as STEM concepts with female participants to create our next generation of STEM leaders.

Washington

After-School All-Stars

Through hands on after-school programming ASAS aims to promote students' interests in STEM fields, expose them to advanced technology and STEM college and career options, as well as help them develop hard STEM skills that can apply directly to future STEM jobs.

Seattle Police Foundation

The Seattle Police Foundation's dynamic and interactive class teaches police officers EMT skills to be used in the case of an emergency when an EMT is not present. This course is led by a dedicated cadre of instructors and is an initiative that is being incorporated into various other police departments.

Techbridge Girls

Techbridge Girls delivers STEM programs to young girls in order to empower them to achieve economic mobility. Through long-term design thinking experiences, the girls build skills in electrical

engineering, coding and design, research community needs and develop prototypes of solutions.

University of Washington (UW) College of Engineering

UW Engineering's Math Academy is a four-week residential summer program featuring an immersive math and science curriculum, with college preparation workshops, faculty-supported project research and, for a select group, computer programming skills development. Math Academy employs a variety of educational strategies designed to increase the number of underserved students pursuing engineering degrees and attaining rewarding engineering degrees.

Washington D.C.

The Washington Center for Internships and Academic Seminars

The program offers 30 college students with career aspirations in the public safety field the chance to participate in a cutting-edge internship program in Washington DC. The program engages students with top practitioners for a full semester, addresses key policy, technology and social issues around public safety and provides professional development training to prepare a diverse group of young men and women to lead in public safety organizations across our nation.

Washington DC Police Foundation

Junior Cadet is a signature DC Police Foundation program, and Cadet Explorers is a new extension of this program targeting older students. Both programs provide 185 students, ages 10-20, with mentoring and exposure to careers in public safety. Junior Cadets now start sixth grade with an option of becoming a Cadet Explorer. That program is available to them through high school, where they can then apply to the Cadet program.