



**MOTOROLA SOLUTIONS  
FOUNDATION**

## **2019 UNITED STATES GRANT RECIPIENTS**

### **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.

#### **Armed Forces Mission**

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

#### **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 2,000 students through 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.

**Blue HELP, Inc.**

Blue HELP will host the first bereavement camp exclusively for children of law enforcement officers and first responders whose parents died by suicide. The camp will be hosted at Camp Erin Boston for families on the East Coast, and in Arizona for West Coast families. The five-day camp mixes traditional camp fun as well as camaraderie with customized grief education and emotional support delivered by trained professionals and caring volunteers.

**Border Patrol Foundation**

The Border Patrol Foundation scholarship program provides 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.

**Code.org**

Code.org's Professional Learning Program is a 5-day workshop for teachers grades 6-12 across the U.S to train in integrating coding in course curriculum. The workshop is then followed by four 1-day workshops to support teachers as they implement the coding curriculum. Over 52,000 students and teachers are expected to benefit from the program.

**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 700 low-income students in design thinking, project management, Internet of Things (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**

The EPICS K12 program will use a regional cluster model to introduce, support and sustain community-based service-learning projects in schools. This model enables EPICS to engage more than 4,000 middle and high schools students in human-centered design projects within their own communities, with the potential to

impact thousands of community members in 17 states as well as the District of Columbia.

### **FBIAA Memorial College Fund**

The scholarship program provides educational scholarships to qualified student whose deceased parent was an active FBI agent. Students throughout the world are eligible to apply and attend the college of their choices towards a two or four year degree.

### **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 29th 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.

### **Federal Law Enforcement Officers Association (FLEOA) Foundation**

The program provides financial assistance to the surviving family of a FLEOA member who died in the line of duty or from a catastrophic event through educational scholarships.

### **FIRST**

FIRST is a robust multi-age robotics program that provides over 1,000 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.

### **Games for Change**

The Games for Change Student Challenge will be implemented across the U.S. as part of an annual, national digital game design competition. Hundreds of public middle and high school students will be inspired to create digital games about real-world issues--becoming digital storytellers, increasing STEM learning and acquiring 21st-century skills.

### **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.

### **Institute for Veterans and Military Families at Syracuse University**

Onward to Opportunity (O2O) is a free twelve-month educational program offered to transitioning active duty service members, veterans, and military spouses. The program is delivered on military bases and online with 30+ predefined information technology, business management, and customer service learning pathways to help participants obtain the knowledge and certifications essential and then connects them with a portfolio of employers to meet labor market needs.

### **International Association of Chiefs of Police**

The Law Enforcement Family Support Training and Technical Assistance Program helps law enforcement agencies develop and enhance family support programs to improve safety and wellness. Law enforcement leaders and stakeholders receive support from subject matter experts which will include reviewing plans for a department's family support program and/or offering insight on ways to enhance family support efforts to increase officer safety and wellness.

### **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 (IAFC) 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.

### **MATE Inspiration for Innovation**

The MATE International ROV (underwater robot) Competition challenges students to learn and creatively apply STEM skills to solve real-world problems and strengthen their critical thinking, collaboration, entrepreneurship, and innovation. Each spring, thousands of students in grades 4 -16 engineer remotely operated vehicles (ROVs) and prepare technical reports, posters, and presentations to participate in one of 36 regional events that take place around the world and feed into an international championship.

### **National Association of Women Law Enforcement Executives**

NAWLEE provides a mentoring program to support women entering the law enforcement field and those who are progressing through their careers. Mentoring has been shown to create a more engaged workforce, achieve higher rates of retention, improve job satisfaction, enhance wellness and safety. The program will be held in Colorado, Maryland, and Texas. Four - six trainers will train 30-40 mentors and match them with mentees.

### **National Association to Protect Children**

The H.E.R.O. Child-Rescue Corps puts America's wounded, ill, and injured service members on a new battlefield with a noble new mission: protecting children from exploitation and abuse. The program trains veterans and transitioning service members in counter-child-exploitation and digital forensics and embeds them in U.S. Homeland Security Investigations field offices for 10-month internships.

### **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**

Advance the Movement takes a holistic and collaborative approach to spark girls' active interest in engineering and technology (E&T) careers and to support and advance women already on E&T education and career pathways.

### **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 Machining & Tooling Association - Workforce Development**

The National Robotics League (NRL) is the only job-driven, project-based STEM program that was created by the manufacturing industry. This workforce development program allows students to design and build remote controlled robots alongside industry partners. Grant funding will increase the NRL program by 250 students,

with a specific focus on engaging female participants.

**National Organization of Black Law Enforcement Executives (NOBLE)**

The Law and Your Community® is a nationally recognized hands-on interactive training program for young people ages 13-18 and adults designed to improve their communications with law enforcement officers and their understanding of their federal, state and local laws.

**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 provides 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 U.S. receive free training on critical health and safety topics.

**Network for Teaching Entrepreneurship**

Startup Tech (SUT) is an in-school, blended learning tech-entrepreneurship course that challenges students to identify ways to improve their world and build marketable digital solutions using MIT App Inventor. Students participate in this project-based learning experience imagine, create, and launch original functional mobile apps that address community needs, develop corresponding original business plans and marketing materials, and present to a panel of expert judges in a Showcase Expo.

**Phoenix Society, Inc.**

Phoenix World Burn Congress is an annual, international conference that brings together 1,000 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 2019-2020 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.

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 Police Foundation provides professional development and specialized training program for public safety leaders that is grounded in the lessons learned and best practices identified through rigorous after action studies of mass violence incidents and responses to them. The program will develop and pilot a training curriculum for public safety practitioners on best, and more importantly "next" practices regarding the preparation for, response to, and recovery from mass casualty attacks.

### **Sandy Hook Promise Foundation**

The National "Know the Signs" (KTS) Expansion Initiative empowers youth and adults to prevent violence before it happens in creating safety within schools. Each program is evidence-based/evidence-informed and delivered at no cost to schools and youth organizations nationwide. Over the 2019/20 school year, the program will train 4.9 million youth and adults in KTS to sustain violence prevention efforts in their schools.

### **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 of Women Engineers (SWE)**

Society of Women Engineers' SWENext DesignLab, SWENext Club Challenge, and SWENext Global Innovator Award 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.

To celebrate Motorola Solutions' 91st anniversary, Motorola Solutions Foundation will be providing 10 scholarships to females pursuing engineering degrees in college with a \$9,100 scholarship.

### **Special Olympics, Inc.**

Train the Trainer engages law enforcement and first responders with the goal of teaching proven methods on how to serve people with intellectual disabilities in their communities. Additionally, programming raises awareness and resources for Special Olympics to end discrimination and create inclusive communities. As an overall outcome, training bridges the educational gap on how to communicate and serve people with intellectual disabilities in their local communities.

### **The Clubhouse Network**

The Clubhouse Network's "STEM Jobs of Tomorrow" program breaks down barriers and demystifies the world of engineering by providing 75 teens from Chicago, Denver, the District of Columbia, and Southern California with opportunities to use computer science skills to build a project with real-world application, such as a video game, app, or chat bot. Participating teens will build skills and knowledge and will gain interest in future career

options in computer science and engineering.

### **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 educates 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. Over the course of SEEK's 12-year history the program has benefitted nearly 25,000 students across the globe, has employed nearly 5,000 college engineering majors, who serve as trained program instructors, and has reached over 20,000 parents.

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

The Vision 20/20 program: Community Risk Assessment Training for Volunteer Fire Departments to Address High Risk Populations, assists volunteer and mostly volunteer fire departments (FDs) to take the first step of creating a sound Community Risk Assessment (CRA) to launch an effective critical risk reduction plan. Primary participants will include representatives from a total of 20 local fire departments in Illinois and Maryland. All work during and post-training will be assessed and documented for one year.

## **ALABAMA**

### **University of Alabama in Huntsville (UAH) Foundation**

Tech Trek brings 64 rising 8th grade girls from all over the state of Alabama to the UAH campus for a full week of STEM activities, core classes, and mentoring. The girls reside in a UAH residence hall and conduct the majority of their STEM activities in UAH academic buildings and laboratories.

## **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.**

The Femineer program equips 25-30 middle and high school female students with knowledge and skills to build functional electronic projects. The program is designed to combat the stereotype that the engineering sphere is reserved exclusively for males. By introducing knowledge and tools for building electronic gadgets to these female students early on, the goal is to empower them to choose an engineering pathway, and in turn, shape the future of the STEM field.

### **Elementary Institute of Science (EIS)**

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 2,500 students will benefit from the teachers' participation in the program annually.

### **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 80 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.

### **San Diego Fire Rescue Foundation**

In recognition of the high stress nature of a first responder's job and the toll it can take on one's health and well-being, the San Diego Fire Rescue Foundation has teamed with the San Diego Fire-Rescue Department (SDFD) to strengthen the network of specialized behavioral wellness support services available to SDFD's current and retired personnel and their families. The current goal is to expand SDFD's Peer Support Team to include spouse/significant other and retiree peer supporters.

### **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 Innocent Justice Foundation**

The Healthy Associations Resiliency Training is an initiative intended to expand the reach of expert officer

wellness training beyond Internet Crimes Against Children (ICAC) Teams. The program provides a wellness training for an estimated 200 law enforcement officers in the Western Region of the U.S. with the intention of expanding to other interested departments and U.S. regions in 2020.

### **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, and public safety. Recipients also receive faculty mentorship and are provided an opportunity to contribute to a research project.

### **Workshops for Warriors**

The Machining for Warriors program is an accelerated program of study that culminates in industry-recognized advanced manufacturing SolidWorks machining credentials. Veterans graduating from the program are placed in established, high demand jobs in the advanced manufacturing industry. During 2019, the program will serve 110 veterans.

## **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 (MSU) 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.

## **FLORIDA**

### **AIRT**

AIRT's DRONERESPONDERS program unites key stakeholders across government, industry, and academia to

deploy innovative airborne capabilities that help people prepare for, respond to, and recover from emergencies and disasters. Participants engage in conferences, camps, and exercises to teach hundreds of public safety and emergency management professionals how to use unmanned aircraft systems, also known as "drones", to foster preparedness, response, and resiliency across the whole community.

### **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 Solutions Foundation's 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 (FAU)**

The Women in Engineering/Computer Science Program facilitates a positive and inspiring community of support for approximately 450 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 Fire Chiefs Foundation**

The Firefighter/EMT Scholarship is established to bring stability, structure and a chance for financial stability for members of the Florida community who are either at-risk or economically disadvantaged and unable to obtain training to become a firefighter. Accepted members will be recommended by community leaders, elected officials or a Fire Chief. Successfully selected candidates will be provided financial aid for the costs associated with attending Firefighter/EMT minimum standards.

### **Florida International University Foundation, Inc.**

The College of Engineering and Computing's Women's Initiative encompasses pre-college programs that strengthen the pipeline for STEM-interested female K-12 students. The program incorporates community building, corporate-sponsored workshops, panel discussions, mentorship training, student group support, and research opportunities for female students-promoting the recruitment, retention, and graduation of more female STEM students.

### **Florida Sheriffs Association (FSA)**

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.

#### **Four Communities Fire Department**

This program provides vital training to volunteer firefighters in north and central Brevard County on the Space Coast of Florida, who help protect a population of 27,000 people across 32 square miles. The program trains dozens of firefighters with skills to more quickly and efficiently force entry into buildings and effect rescues when seconds count.

#### **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.

#### **The Professional Firefighters Association of South Florida Inc**

At-risk youth in Broward, Dade and Palm Beach counties participate in activities that strengthen mental and physical skills while reaching a goal of all participants completing the fire academy. The PFASF works with 300 individuals and secures employment for over sixty.

#### **Western High School (WHS)**

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 250 students will benefit from STEM instruction.

## **GEORGIA**

#### **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.

#### **Georgia Robotics Alliance**

The G3 Drones for Good program engages a total of 1,200 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.

### **Girl Scouts of Greater Atlanta, Inc**

Girl Scouts of Greater Atlanta (GSGATL) supports robotics teams for K-12th grade girls in the Greater Metro Atlanta area, who live in underserved communities and/or attend Title I schools. The program will serve 131 girls in total.

## **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.**

The Audio Electronics Design program is an out of school STEM apprenticeship that offers high school teens, aged 14 to 19, an immersive introduction to audio and electrical engineering. Through collaborative hands-on projects, such as building a ribbon microphone, teens develop knowledge and gain skills within the fields of electronic and acoustical engineering while preparing for post-secondary success.

### **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 in at-risk communities. The goal of Red Cross' Home Fire Campaign is to reduce the number of fire deaths and injuries in the United States.

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.

### **Anti-Defamation League**

The Anti-Defamation League's (ADL) Managing Implicit Bias for Law Enforcement training introduces

participants to a series of practical, actionable strategies for managing the impact of implicit bias that are uniquely designed for law enforcement professionals. The training will impact upwards of 12,000 law enforcement personnel in the Midwest and contribute to improved police-community relations and safer policing practices.

### **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 of the camp, girls will build a website that communicates and addresses a community issue they care about.

### **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 160 teachers across grade levels, reaching up to 3,700 students total.

### **Chicago Cook Workforce Partnership**

Chicago Codes identifies and trains untapped tech talent in Chicago's neighborhoods to create job opportunities through coding. Three cohorts of 20 participants will complete a rigorous tuition free 11 week coding bootcamp before being placed in paid internships with a local employer and then moving on to permanent employment in the tech sector. In its first year Chicago Codes will produce a minimum of 50 graduates fluent in the Python coding language ready to launch their tech careers.

### **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.

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

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

### **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 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.

### **Code Nation**

The Foundation's Program is a technical education and workforce readiness course for public high school students in low-income circumstances. It is the first year of a multi-year, scaffolded pipeline to a career in technology that leverages volunteer tech mentors, a project-based, industry-aligned coding curriculum, and a full-time internship. The Foundation's Program will reach 150 students in Chicago this year, positioning diverse youth to become technologists of the future.

### **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.

### **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 help in tragedy and provide a voice to the quest for 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**

The Linked Program Ecosystem includes middle school STEM programs serving underrepresented students in Evanston's 2nd, 5th and 8th wards. These programs form a unique, linked ecosystem of STEM programs to actively engage 200 underrepresented students during the summer and over the school year in engineering design, coding and robotics programs. Targeted students will participate in three to five proven programs.

### **Field Museum of Natural History**

The Digital Learning and Science Research Internship engages six Chicagoland high school juniors and seniors in a six-week, paid internship designed to engage participants in authentic scientific research. The interns will work with Arduinos, an open-source electronics prototyping platform, to solve real-world problems faced by Field Museum scientists.

### **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 2,750 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 (GWC)**

The Computer Science and Coding program provides 137 students with summer training and will be placed into paid, part-time positions with Chicago employers, providing a valuable service for an entire year. Genesys

Works interns work 1,000 hours over the course of the internship. They also receive academic credit for their work, mentorship from their employer supervisor, and ongoing support from GWC staff.

### **Girl Scouts of Greater Chicago and Northwest Indiana**

The Girl Scouts FIRST Robotics program supports 200 young girls on 34 FIRST teams. The program engages the girls in hands-on explorations of coding, programming, and robotics by developing working robots and associated projects, then competing in regional qualifying tournaments.

### **Governors State University**

Governors State University, Rich Township High School District 227, Naperville North High School Huskie Robotics team, the National Society of Black Engineers, and Black Data Processing Associates partner together to offer advanced engineering and computer science program to minority and low-income students within south Chicago.

### **High Jump**

High Jump is a two-year, tuition-free academic enrichment and STEM education program serving motivated 7th and 8th grade students from families of limited economic means. With three campuses in Chicago, High Jump annually serves 384 middle-schoolers, offering classes created to strengthen their math and science abilities as well as develop their critical thinking, communication, and problem-solving skills, all to prepare them for high school and college success.

### **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 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 STEM Challenge connects high school students across Illinois with corporate mentors to address industry authentic problems. The Mentor Matching Engine allows students to design their own research question while affording them the expertise of a college, graduate, or professional mentor.

### **Inner-City Computer Stars Foundation (IC Stars)**

The Employer Facing Technology Job skills Training Program prepares young adults for technology careers and community leadership. Using project-based learning, the program serves 120 minority individuals in its Chicago and Milwaukee bootcamps annually. Ninety percent of graduates secure tech jobs and see their earnings increase by 300 percent. Alumni succeed not only in business; they also create positive change in their communities.

## **Iridescent**

The AI Family Challenge (AIFC) is a free, hands-on Artificial Intelligence (AI) education program that brings families, communities, and technology experts together to give everyone the chance to learn, play and innovate with AI. The AIFC serves over 400 children, parents, and community partners across two sites in underserved communities in Chicago. In addition, educators, parents, and mentors across the globe will benefit from the online resources.

## **Learning for Life**

The Exploring program provides hands-on career education for youth in 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.

## **Loyola University Chicago**

The Safe Communities Engineering Design Challenge engages 15 high school students in the Rogers Park neighborhood of Chicago. The project will build on Loyola's partnership with the local 24th Police District and will engage students during the 2019-20 school year at Sullivan High School in using data and problem-solving to develop solutions to safety challenges in their own neighborhood.

## **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. 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 Museum's MakeCS program utilizes best practices from the Museum's successful professional development and training programs to help 10-12 Chicago Public Schools (CPS) high school teachers and their students address computer science requirements with maker-based activities in their own space.

## **Northeastern Illinois Public Safety Training Academy (NIPSTA) Foundation**

The NIPSTA Incident Command Training System will utilize state-of-the-art simulation technology to improve communication between responding personnel representing multiple public safety agencies during the size up and early response phase of critical incident management. Over three hundred fire fighters, police officers and

paramedics will be trained annually. This program will promote quick communication among first responders in order to promote a safe and effective emergency response.

### **Northern Illinois Research Foundation**

This program provides Saturday engineering workshops and summer day camp for girls 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 middle school girls in all the levels, and retaining participants by introducing higher level courses and programs.

### **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.

### **Moraine Valley Community College Foundation**

The Increasing Access to the Fire Academy programs helps students who wish to become first responders to acquire the knowledge and skills necessary for entry-level firefighting positions. Students complete a capstone internship with one of ten partner fire protection districts, and over 87% are retained for part-time employment. The program can accommodate up to 40 full-time students annually.

### **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.

### **Strategies for Youth**

Bringing Policing to the Teen Brain trains 25 Elgin police officers in conducting trainings for 40 Elgin police officers each. This project reaches 105 police officers directly. Once trained, those police officers will be able to offer Policing the Teen Brain as part of its professional development in perpetuity, thus increasing the Department's ownership of this training.

### **The Board of Trustees of the University of Illinois**

The 2019 Basic Firefighter Training Academy provides financial assistance to help offset student and fire department tuition as well as expenses for the 7-week Basic Firefighter Academy or the 16-week Blended Academy. This grant will help offset tuition for up to 100 new firefighters enrolled in the onsite 7-week Basic Firefighter Academy, and up to 150 new firefighters enrolled in the Blended Online Academy for a total of 250 participants.

### **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 University of Chicago**

Situational Decision Making (Sit-D), formerly Situational Intelligence, is a new training for police officers to improve cognitive tools and critical thinking skills in high-stakes situations. Through the application of scenarios, exercises, and assessments based on cognitive behavioral therapy, the training aims to improve the quality of fast thinking. In partnership with the Chicago Police Department, the Crime Lab will evaluate the effectiveness of a 1,000-officer pilot, with an additional 1,000 as a comparison group.

### **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.

### **United Way of Metropolitan Chicago, Inc**

Everyone Can Code provides 200 high school students across Chicago, IL with hands-on coding and programming experience. The program culminates with an App Showcase which highlights the students' final projects from the program. Additionally, 50 students are placed in the Pre-Professional Internship Program within the fields of IT & Technology during the summer post-high school graduation.

### **Universidad Popular**

We Code Juntos (WCJ) is a year-long, three phase computer science initiative in Chicago's southwest side, endeavoring to help girls view technology as a viable educational focus and career path by cultivating their computer science interests and proficiencies. WCJ teaches participants the basics of computer programming and website development as well as the basics of circuit, computer, and product engineering. In 2019, WCJ will be able to primarily serve 40 girls, grades 6th-12th.

### **University of Illinois at Chicago (UIC)**

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**

The Engineering Pathways and Award for Excellence Scholarships increase access and expose students to STEM and Public Safety Career Pathways with preference given to underrepresented students. Harper offers two scholarship programs for engineering, technology, and public safety students as a means to help them overcome financial barriers to education and reward them for high academic achievement.

## **INDIANA**

### **MovementForward Inc**

OneCOP Indy will implement messaging, education and community engagement programs around the theme that crime is a shared responsibility between communities & police. OneCOP Indy will involve 500+

participants from congregations of every faith, local police and national police organizations.

### **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**

### **Code in the Schools, Inc**

Code in the Schools' Prodigy Program is a job skills education and mentoring program for students in Baltimore City. Through after-school classes, summer programs, mentorship, and work-based learning opportunities, students participate in pathways from school to careers in computing fields. Each year they serve over 200 youth ages 14-18 across Baltimore City who successfully advance to post-secondary career and degree programs, of which more than half are in computer science.

### **Digital Harbor Foundation**

The Detroit Fire Department's (DFD) Peer Support Team is a resource for Fire, EMS and Communications members who are involved in critical and traumatic incidents. The Peer Support Team meets with employees struggling with depression, alcoholism and the daily stress of the job. The 20-member team provides resources and support for all 1,206 DFD employees.

### **Girl Scouts of Central Maryland, Inc (GSCM)**

The Rockin' Robotics Program engages up to 70 girls from Anne Arundel County public elementary schools in Linthicum, Glen Burnie and Brooklyn. GSCM conducts girl outreach/enrollment and training of adult coaches as well as engages girls in upcoming conferences and expos.

### **National Alliance on Mental Illness (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.

## **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**

Center on Policing Peer Advocacy and Support program is a peer to peer officer assistance and support program designed for the needs of a New Jersey police department. The training engages officers who volunteer and are selected to participate in peer counseling. Additionally, the program will include department policy and procedure development for long term behavioral health support for the officer's and the community they serve.

## 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.

### **Girl Scout Council of Greater New York Inc (GSGNY)**

The Girl Scouts of Greater New York Robotics Program is a ten-month program delivered by Girl Scout troop leaders, through which girls build engineering, computer programming, presentation, and leadership skills, while increasing interest and confidence in STEM. During the 2019-2020 season, GSGNY aims to involve 100 Girl Scouts in robotics teams.

### **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.

## **NORTH CAROLINA**

### **Fire Prevention Foundation of Charlotte**

Camp Ignite is a hands-on resident camp that focuses on the development of teamwork, self-confidence and leadership skills in young women by utilizing fundamental firefighting skills. The program curriculum provides a safe, dynamic, and interactive environment, with the opportunity to train alongside professional female firefighters.

## **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.

## **TEXAS**

### **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.

### **Solar Car Challenge Foundation**

The Solar Car Challenge helps motivate students in science, engineering, and alternative energy. High school students learn how to plan, design, engineer, build, and race roadworthy solar cars. Since its inception in 1990, the Solar Car Challenge has worked with more than 60,000 students, and added an additional 2,000 more students in 2018.

### **Vickery Meadow Youth Development Foundation**

The Vickery Meadow Youth Development Foundation addresses the STEM education gap experienced by youth a low-income Dallas, TX neighborhood. The Vickery Meadow Outreach for STEM Equity Project offers FIRST programming to the areas elementary, middle and high schools, with the goal to spark a desire in students to continue their STEM education in High School and beyond. Approximately 250 area youth benefit from this program.

## UTAH

### **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**

The PREngineer Summer Program engages 60 underrepresented students in a free, dynamic, four-week program involving civil, mechanical, electrical and computer engineering, computer science, and related fields of technology. PREngineer leverages UVU and community resources to provide mentors, career role models, and engaging activities, including coding, programming and robotics.

## VIRGINIA

### **Enhancing Education**

The Active Shooter Preparedness program provides training for 300 adults including teachers and school staff. The goal is to train adults in alignment with the United States Department of Homeland Security's current Active Shooter Preparedness Program.

## WASHINGTON

### **Seattle Police Foundation**

The SPD Patrol Level Law Enforcement Casualty Care (LECC) Training provides Patrol Officers with the necessary skills to render aid to victims at violent crime scenes. The four day training includes courses on basic principles of the 9-hour LECC and greatly expands officers ability to better treat penetrating trauma and prevent the death of victims of violent crimes.

### **Techbridge Girls**

Techbridge Girls delivers STEM programs to young girls from low income communities 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.

## WASHINGTON DC

### **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 150+ 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.