

# FOCUS

*Together We Are Transforming Lives Through Technology*

## President's Perspective



Last year I was elected by the IEEE Foundation's board of directors to be its president. I took office on 1 January, and hope to fill the very able shoes of my predecessor Leah Jamieson. In preparation for this role, I have been an IEEE member since 1970 and a member of the Foundation's board since 2013. I accepted the position with the understanding that there is substantial opportunity for the Foundation and IEEE to work together to do good for the world, and, in the process to realize the full potential of IEEE and its membership. Our mission, of course, is to make the best of this opportunity!

Over the past several years the Foundation's board has invested a great deal of thought into how to best work with the IEEE and its members to achieve our collective objective – the advancement of technology in the interest of humanity. A key result has been the reformation of the Foundation to concentrate its energies on

a handful of larger, more globally focused programs while continuing support of selected IEEE programs that have historically proven to be of value to both IEEE members and the community at large.

This alliance between the Foundation and IEEE is addressing some of the greatest challenges facing the world today. Our current strategic initiatives, which I encourage you to read about in the following pages, include:

- Expanding access to electricity, and services made possible with electricity, to parts of the world not currently served
- Working with students to solve challenges in their communities by taking advantage of their engineering talents and knowledge
- Encouraging the education needed to become an engineer by providing scholarships
- Bringing the importance of engineering and its positive historical impact on society to a wide audience, with particular emphasis on school kids just now forming their view of the world and how they can best contribute to it.

These unique projects are a source of pride for us all as we, the Foundation, in partnership with you, the donors, provide the catalyst needed to make the programs possible.

A recently formed partnership further showcases how IEEE and Foundation-funded programs are working together. The *Humanitarian and Philanthropic*

*Opportunities* debuted at IEEE Sections Congress in Sydney, Australia in August. This collaboration of ten humanitarian and philanthropic groups illustrates how together we can leverage the strength and reach of the IEEE network to make a difference worldwide. Eight of the programs are supported through IEEE Foundation funds and direct donor support. Read more about this unique collaboration on pages 10 and 11.

The following pages feature stories on recent outcomes and impacts of some of our programs – EPICS in IEEE (p. 4), IEEE Smart Village (p. 4), PES Scholarship Plus Initiative (p. 5) and REACH (p. 6). Please read further to learn about the grants we funded and the community changing potential they represent.

Together, we are making a difference at home and around the world impacting new lives, employing fresh approaches, and presenting a strong, unified force to advance technology for humanity.

On behalf of the IEEE Foundation Board of Directors, and all those served through your generosity, I thank you and welcome you to continue on this journey with us to work together to make a real difference.

Respectfully,

A handwritten signature in black ink that reads "John Treichler". The signature is fluid and cursive.

John Treichler

# Grant Funds Sharing of Smart Agri

The IEEE Student Branch at Kumaraguru College of Technology (KCT), Coimbatore, Tamil Nadu, India received a \$18,263 grant for its project: *Smart Agriculture for Sustainable Food Production*. The grant enabled a series of workshops on smart agriculture.

According to research, between 2010 and 2050, the world's population will increase by one-third. The UN Food and Agriculture Organization (FAO) estimates that feeding this increased population will require an increase of 60 percent in total agricultural production by 2050.

India's national economy is highly dependent on the agricultural sector. This dependency calls for the farmers to use modern technology to grow high yield crops and knowledge about the



amount of land, water resources, farming practices and marketing. Though information systems on agriculture are available in India, the popularity of the technology is lacking among the farmers at the grass root level. One solution is smart agriculture – using technology to provide solutions.

The KCT IEEE student branch collaborating with the agricultural university created a website to provide information on workshops, contacts, and ongoing activities.

Workshops allow agricultural academics, technology creators and researchers along with educated farmers to share their knowledge, issues, solutions and technologies in smart agriculture. Experts in smart agriculture from various parts of south India were invited as speakers and trainers. Students gained field experience and the educated farmers learned how to implement smart farming methods on their land.

**Learn more about this project here:**  
<http://kctieesmartagri.com/about.php>

## Drones: Is the Sky the Limit?

By Jennifer Elliott, Museum Educator and Gerrie Bay Hall, Director of School and Teacher Programs at the Intrepid Sea, Air & Space Museum

IEEE Life Members Fund of the IEEE Foundation provided a grant to the IEEE New York Section, which teamed up with the Intrepid Sea, Air & Space Museum in New York City and the IEEE History Center to create a multifaceted exhibition and a professional development course for teachers.

The exhibition *Drones: Is the Sky the Limit?* opened on 10 May and will run through

3 December 2017. It allows visitors to explore the history of drone technology, from the earliest unmanned flying machines to advanced systems of the 21st century. A variety of drones, historical artifacts, model airplanes and rare videos are on display.

Thanks to generous funding from IEEE Foundation, the Museum also offered the course *Drones: A Catalyst for Integrating Engineering, Science, and*

*History* to 25 public school teachers from New York City and New Jersey (see story on page 6). The teachers represented many subjects and grade levels, from pre-K through 12th grade, and had varying years of experience in the classroom.

Throughout the weeklong course, teachers participated in workshops about the engineering design process and listened to guest speakers from the Center for the Study of the Drone at Bard College, the Stevens Institute of Technology and Vorp Robotics. They toured the ship, viewed a partial solar eclipse, and delved into the IEEE History Center's Raising Engineering Awareness through the Conduit of History (REACH) Drones Design Inquiry model. They also gained extensive practice flying and coding Parrot Minidrones, which they were able to keep for use in their classrooms!

IEEE members will receive discounted admission prices for the duration of the exhibition.

**For more information visit:**  
[www.intrepidmuseum.org/drones](http://www.intrepidmuseum.org/drones)



*Students of all ages are excited about the multiple offerings at Drones Exhibit.*



# Ranger in Your Pocket

By Cindy Kelly and Alexandra Levy, Atomic Heritage Foundation



*Early IBM calculating machines at Los Alamos, NM, US. Photo courtesy of Los Alamos National Laboratory.*

Groundbreaking high-speed cameras that captured the world's first nuclear test are featured in the program: *Ranger in Your Pocket: Los Alamos Innovations* funded by a grant from the IEEE Foundation. Manhattan Project optical engineer, Berlyn Brixner, recalled preparing for the Trinity Test: "I got nearly fifty motion picture cameras in operation by the time of the explosion. Something like 100,000 pictures were taken with all those cameras."

The Los Alamos/Northern New Mexico IEEE Section worked with the Atomic Heritage Foundation (AHF) to produce *Los Alamos Innovations*. The program is part of AHF's *Ranger in Your Pocket*



*A Manhattan Project worker with a high-speed camera at the Trinity Site in the summer of 1945. Photo courtesy of Los Alamos National Laboratory.*

series on Manhattan Project sites and will be launched in late 2017.

The Manhattan Project, the effort to create an atomic bomb in World War II, was a crucible for innovation. Scientists and engineers created 5,600 inventions relating to the atomic bomb. *Los Alamos Innovations* focuses on the innovative technologies developed by scientists and engineers at Los Alamos, and their lasting impact on modern science and society. The technologies covered in the program include high-speed photography, computing, reactors, and others.

The "Ranger" series draws on AHF's extensive oral history collection. Los Alamos Innovations will have 50 short audio/visual vignettes, all with firsthand accounts. Listening to the voices of the participants makes the history more immediate and human.

The \$40,500 grant provided by the IEEE Foundation has made this project possible. The Los Alamos/Northern New Mexico IEEE Section and AHF are very grateful for this support.

**Visit [RangerInYourPocket.org](http://RangerInYourPocket.org) to learn more.**

## Grants Submission Deadlines

The IEEE Foundation has one grant cycle each year. The 2017 grant cycle is closed. Funding decisions will be announced in December 2017.

Check [ieeefoundation.org/grants](http://ieeefoundation.org/grants) for information about the 2018 grants theme, guidelines and deadline.



## EPICS in IEEE

Located 52 miles away from Canada's capital, Christie Lake Kids serves disadvantaged youth year-round by building physical, emotional, and social skills through group events and programs.

Christie Lake Kids is located off of the electrical grid and is connected to a water source that is not heated. EPICS in IEEE together with the IEEE Student Branch at Carleton University are working on the project "Solar Heated Showers," which aims to produce a sustainable and environmentally friendly method to heating the camp's showers.

This is just another way EPICS in IEEE is helping youth around the world understand the importance and impact of environmentally friendly technology.



*EPICS in IEEE and Christie Lake Kids celebrate with a ribbon cutting after completing a solar project for economically disadvantaged children that brought hot showers to their remote campsite.*

**To learn more about Christie Lake Kids and the work that's being done to give structure to disadvantaged children's lives, visit: [www.christielakekids.com](http://www.christielakekids.com).  
Learn more about EPICS in IEEE at <http://epics.ieee.org>**

## The Power of Africa on Display in Ghana

*By Nina Miller, Ph.D., Regis University, Denver, CO, US*

As June rolled into July, I had the privilege to attend my first IEEE Smart Village (ISV) conference in Accra, Ghana. As the new Director for the Master of Development Practice (MDP) at Regis University in Denver, CO, US, I was excited to meet the ISV leadership who had the vision and the generosity to support our program from its inception. A three-year award from IEEE has allowed engineers across the developing world to partake of the holistic development education of the MDP. Similarly, ISV has given the MDP the incalculable gift of access to this exciting generation of entrepreneurs, working with skill and determination to provide their communities with electricity and all of its development benefits.

For three out of five days at Power Africa in Accra, around 50 Smart Village members held our own sub-conference. Ray Larsen, co-founder and Chair of ISV, led us off by putting our work in context, reminding us that we are called to eliminate poverty and inequality with scalable solutions, starting with electrification. Robin Podmore, co-founder



*Current and future MDP students William Thompson (Liberia), Ikeanyi Orajaka (Nigeria), Jude Kaweb (Cameroon), and MDP Director Dr. Nina Miller, on a break between sessions.*

and co-chair of ISV, and several local guests presented on education, critical to sustainable development and a priority for ISV. The remaining time was dedicated to a feast of presentations of Smart Village projects and proposals from Cameroon, Nigeria, Togo, Ghana, Zambia, Uganda, Rwanda, Egypt,

Ethiopia, and Malawi, as well as India, France, and the US.

I look forward to catching up with all of these remarkable leaders next year. Happily, a number of them will be among our new MDP students this fall.

**Learn more about IEEE Smart Village: <http://ieee-smart-village.org>**



# PES Scholarship Impacts Industry



Vince Zaccone

The IEEE Power & Energy Society (PES) Scholarship Plus Initiative attracts undergraduate students to join the Power & Energy workforce in order to reduce the impact of power and energy engineering attrition. Nearly 350 PES Scholarship recipients are working in the Power & Energy workforce at more than 180 companies.

Vince Zaccone, from Drexel University, was one of the first PES Scholars and he has become a valuable member of the Delmarva Power Transmission & Substation Reliability team. He credits the Scholarship Plus Initiative as one of the major influences as to why he pursued a career in power. "PES has had a tremendous impact on my career," said Vince. When he heard about the

Scholarship, he was a rising senior and had to declare his concentration. Vince had already taken an elective in power and electronics, but didn't know which path to go. As he completed his PES Scholarship Plus application, he decided that power was definitely the best path for him, as it was an interesting field with many different job opportunities.

He likes that the power industry is relatable to his family, friends, and really anyone he meets, since power is so universal. He can tell people how he works to make our power grid more reliable and how it impacts them.

**Read more about the IEEE PES Scholarship Plus Initiative and its scholars: [www.ee-scholarship.org](http://www.ee-scholarship.org)**

## Reinforcing the Impact during Enrollment



Gary Blome has been an affiliate member of IEEE since 1993. While he is not an electrical engineer, Gary feels that the greatest benefit of his IEEE membership is his ability to stay abreast of the latest developments in the fields of electrical engineering and computing technology. Gary spent 20 years in the Air Force where he had the task of maintaining, operating, and insuring the safety of intercontinental ballistic missiles, which he credits for his appreciation of the engineering field.

When completing his IEEE membership application in the 1990s, Gary decided to donate to the IEEE Foundation. After his giving lapsed, he had the opportunity to respond to an organizational questionnaire and visit the website [ieeefoundation.org](http://ieeefoundation.org). This experience caused Gary to realize that, "the Foundation deserved a share of my annual philanthropic budget since the integrity of the organization, the worth of its goals, and the quality of its management are above reproach."

"I chose to begin automated monthly contributions to the IEEE Foundation Fund, since that choice seemed to reinforce the ability of the Foundation to meet project contingencies," said Gary. Gary believes that it is important for all IEEE Members to be involved, because, "the future demands that the IEEE remain a healthy and vibrant international professional association that performs good works and encourages the continued interest of future generations in its field(s)."

## Time for Renewal

As IEEE enters renewal season, there is a unique opportunity to transform lives around the world. Are you looking to preserve and promote the history of our technology, support the activities to benefit fellow Life Members or support the next generation of Eta Kappa Nu leaders? Your donation to one or more of the IEEE Foundation funds during your membership renewal can accomplish this and more!

Your donation, of any amount, will encourage more young people to study engineering, foster innovation and inspire the next generation of leaders.

When you complete your IEEE membership application, or renew your IEEE membership, don't miss the opportunity on the second page of the paper form or in the online shopping cart to make a donation. Donations during membership renewal are one of the most convenient ways to leverage your IEEE membership to change lives.

**If you don't want to wait for your renewal to make a donation, complete the enclosed reply envelope or visit our website: [www.ieee.org/donate](http://www.ieee.org/donate) to make your gift today!**

# Learn More About UAVs through REACH

Historic insights into unmanned aerial vehicles (UAVs), from the Civil War through today are featured in an IEEE REACH (Raising Engineering Awareness through the Conduit of History) Inquiry Unit. The free material provides teachers with the resources to help their students explore the origins of drones, the military and non-military applications of UAVs, and ethical questions raised by their use.

The unit was unveiled during the professional teacher workshop at the Intrepid Museum funded in part by the Drones: A Limitless Future grant from the IEEE Life Members Fund (see story on page 2). When the teachers in attendance were asked how they would use the REACH learning unit they said:

*"Incorporating history into my science class"*  
9th – 12th grade science teacher

*"Using primary sources to learn about history and making connections to real-world issues"*  
6th – 8th grade social studies teacher

*"Applying drone lessons and combining history with technology."*  
7th grade math teacher



*Teachers learned how to use UAV's and gained extensive practice flying and coding Parrot Minidrones, which they were able to keep for use in their classrooms.*

## Recurring Gifts Support REACH



*Allison Marsh*

Allison Marsh joined IEEE in 1998 while attending Swarthmore College, Swarthmore, PA, US. and networked with other IEEE graduate student members from around the world. Allison appreciates the engineering knowledge acquired through membership, calling it, "a way of approaching life, of tackling problems, of having confidence to experiment with new and changing technology."

Allison credits her college thermodynamics course for her fascination of the history of science and technology, and how she realized the importance of engineering history. "History shows all the different ways people approached problems and the variety of solutions. For me, it made engineering less rigid and more accessible," said Allison.

She donates to the IEEE History Center REACH (Raising Engineering Awareness through the Conduit of History)

Program. REACH provides teachers and students with educational resources that explore the relationship between technology and engineering history and the complex relationships they have with society, politics, economics, and culture.

One of Allison's desires is to involve more women in STEM careers, something REACH is working to change. By providing high school history teachers the resources they need to teach about the history of engineering, the program strives to make engineering more accessible and interesting to young adults.

Allison makes recurring gifts to the REACH Fund of the IEEE Foundation. "The automatic payment system is incredibly easy to use," said Allison. She hopes to stand out as an exemplar to the rest of the History Committee to inspire more generous giving to programs such as REACH.



# History Intern funded by the Pughs via the LMF



*Steven Weis, 2017 IEEE History Center Summer Intern*

Steven Weis was the 2017 IEEE History Center Summer Intern. This internship, made possible by the IEEE Life Member Fund of the IEEE Foundation, has for more than 20 years provided young scholars

of the history of technology with valuable research experience and an opportunity to work with the History Center staff on a variety of projects, ordinarily over the summer. Past

interns have assisted the History Center staff on a wide range of programs, while further developing their academic and professional skills. Since 2016, the internship has been specifically supported through the generosity of Emerson and Betsy Pugh.

Steven is a 2017 graduate of Stevens Institute of Technology's College of Arts & Letters. During his internship, Steven worked with IEEE REACH (Raising Engineering Awareness through the Conduit of History) Project Manager Kelly McKenna in developing the IEEE REACH Program. This allowed Steven to explore his career interests of educational multimedia, while the Center was able to leverage his technical and project management skills to give REACH a boost. Steven was a tremendous asset to the work of the Center.

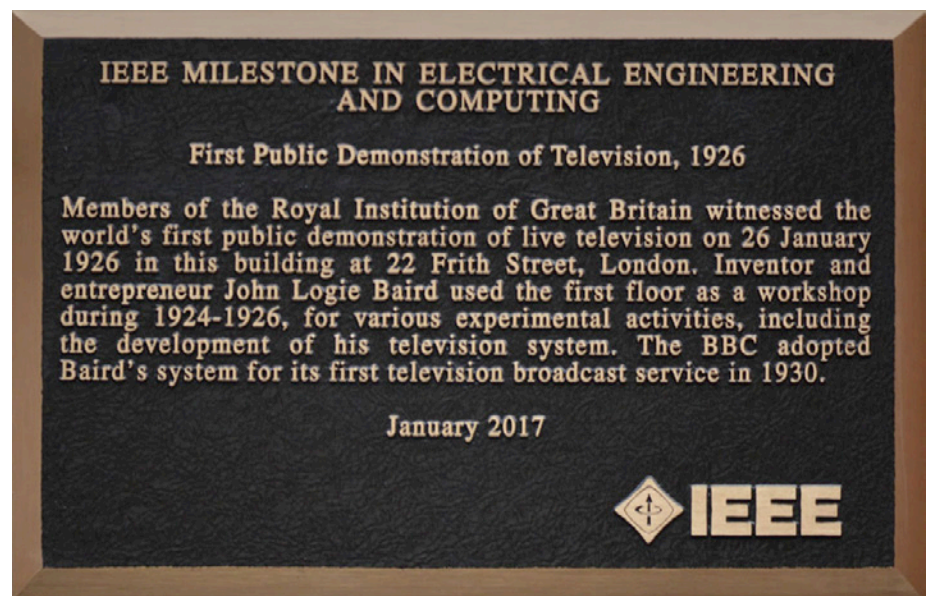
## Celebrating the Evolution of Television

John Logie Baird is credited with the first public demonstration of real-time television images with true grey-scale reproduction (as opposed to moving silhouettes), which he showed to members of the Royal Institution of Great Britain on 26 January 1926.

On the 91st anniversary of Baird's demonstration, an IEEE History Milestone was unveiled by IEEE President Karen Bartleson and Iain Logie Baird, a grandson of the inventor. The IEEE plaque is mounted on the building at 22 Frith Street, London, UK.

The Life Members Affinity Group of the IEEE UK and Ireland Section made the successful proposal for this milestone. The donor supported IEEE Milestones program honors significant technical achievements in all areas associated with IEEE. It is a program of the IEEE History Committee, administered through the IEEE History Center.

The IEEE Foundation awarded a grant to the IEEE UK and Ireland Section Life Member Affinity Group to enable them to inform and educate how the evolution of modern consumer electronics has enabled billions of people across the world to



enjoy access to highly sophisticated technology affordably. On Friday 27 January 2017, the Royal Institution of Great Britain hosted distinguished speakers and more than 150 guests to celebrate the evolution of television from Baird to the digital age. The

event included lectures, demonstrations and exhibits to show how the advances were achieved and what the future is likely to bring in the form of ever-more complex devices.

**Learn more: [ethw.org/Milestones:First\\_Public\\_Demonstration\\_of\\_Television,\\_1926](http://ethw.org/Milestones:First_Public_Demonstration_of_Television,_1926)**

# Medal of Honor Wall Unveiled



*IEEE Foundation Vice President of Development H. Vincent Poor and IEEE President Karen Bartleson had the honor of cutting the ribbon to unveil the Wall on 7 September 2017. Photo credit: Carrie Loh*

IEEE celebrated the 100th anniversary of IEEE Medal of Honor – IEEE’s top Award – with the unveiling of the IEEE Medal of Honor Wall during a special event held at the IEEE Operations Center, Piscataway NJ, US. IEEE and IEEE Foundation leaders, volunteers, donors and staff proudly attended the event. Included in the wall is an interactive kiosk where users can search for more information about the recipients.

Thanks to the generosity of our donors, the IEEE Foundation has proudly sponsored the IEEE Medal of Honor for more than 1/3 of its lifespan (since 1979) The display includes a plaque acknowledging this support.

## Board Member Celebrated



H. Vincent Poor, IEEE Foundation Vice President of Development, received the 2017 IEEE Alexander Graham Bell Medal. Vince’s development of advanced signal processing methods for wireless networks not only eased the early transition to digital mobile networks but also plays a key role in advancing today’s communications systems in which the need for new capacity must overcome the challenges of bandwidth limitations. Vince received his award during the IEEE Honors Ceremony on 25 May 2017.

# 2017 IEEE VIC Summit and Honors Ceremony

IEEE Awards brought a new showcase event to San Francisco—The IEEE Vision, Innovation, and Challenges Summit—on Thursday, 25 May 2017 at The Palace Hotel in San Francisco, CA, US.

The 2017 IEEE Vision, Innovation, and Challenges Summit (VIC Summit) was a day-long event with dynamic talks on the vision for the future, opportunities for innovation, and the challenges to overcome. This set the stage for an exciting Summit and highlighted the important roles of engineering, science, and technology in improving the quality of life.

The day culminated with the celebration of “Giants” in science and technology who have paved the way for the technology of today.

The IEEE Medal of Honor, for an exceptional contribution or an extraordinary career in IEEE fields of interest, sponsored by the IEEE Foundation, went to Kees Schouhamer Immink (LFIEEE)—President, Turing Machines, Inc., Rotterdam, The Netherlands “For pioneering contributions to video, audio, and data recording technology, including compact disc, DVD, and Blu-ray.”



*IEEE Medal of Honor Recipient, Kees Schouhamer Immink is flanked by 2017 IEEE President Elect Jim Jefferies and IEEE President Karen Bartleson.*



# Can We Change the World in One Day?

Black Friday. Cyber Monday.

#GIVINGTUESDAY™

November 28, 2017

For a third year, the IEEE Foundation will celebrate Giving Tuesday on 28 November 2017. Your support of the IEEE Foundation ensures that students, professionals and technologists around the world will Engineer a Better World. In the coming weeks, you will learn more about how you can take part in this special day of philanthropy.

Giving Tuesday transforms how people think about, talk about and participate in the giving season. It inspires people like you to take collective action to improve their communities, and to give back in better, smarter ways to the charities and causes they believe in to help create a better world. Giving Tuesday demonstrates how every act of generosity counts, and that those acts mean even more when we give together.

Learn more at: [www.IEEEfoundation.org/GivingTuesday](http://www.IEEEfoundation.org/GivingTuesday)

## Foundation Video Wins Award



The IEEE Foundation promotional video received a Gold Hermes Creative Award in the pro-bono category. Hermes Creative Awards is an international competition for creative professionals involved in the concept, writing and design of traditional materials and programs, and emerging technologies.

View the video on the front page of our Impact Report: <http://ieeefoundationimpact.org>

## Our Fundraiser Recognized



Rich Allen, IEEE Foundation Campaigns Manager, received the 2017 Association of Fundraising Professionals NJ Outstanding Young Fundraiser. Rich was honored at the annual Excellence in Philanthropy Celebration on May 4. This award recognizes an outstanding individual or organization that is gaining notability in the field of fundraising. The recipient of this award should demonstrate ingenuity, resourcefulness, creativity and a mastery of philanthropy with less than five years of industry experience.

## Plan Ahead

A certainty for all of humanity is our eventual demise. While many spend a lifetime caring for people and collecting possessions, too few take time to ensure that we depart on our own terms. A well-conceived estate plan can determine who makes important medical decisions for us, in the event we are incapacitated, and ultimately control the seamless transfer of our belongings upon death.

An estate plan is not all about money.

- Who will care for your children?
- What will happen to your home?
- Who will decide how your belongings are distributed?

No plan means no control. Loved ones are left making difficult decisions in difficult times.

Would you be okay with your hard-earned life savings going to an estranged relative? By completing a will, you clearly state who you want to inherit your assets. This means that items ranging from your house to sentimental family belongings go to those who mean the most to you.

Wills are also the perfect vehicle to ensure that you remember those organizations that were important to you during your lifetime. The IEEE Foundation stands ready to assist you in this endeavor. Your first step should be to consult with your legal and financial advisors. Once you have, feel free to contact Stan Retif, Chief Development Officer at IEEE, at [s.retif@ieee.org](mailto:s.retif@ieee.org). He will be happy to assist you or answer any questions you may have.

Learn more about including the IEEE Foundation in your will at: [ieeefoundation.org/how-to-give/tomorrow/trust-provision](http://ieeefoundation.org/how-to-give/tomorrow/trust-provision)

# IEEE-USA is on the MOVE

The IEEE-USA Mobile Outreach Vehicle (MOVE) is an emergency relief program committed to assisting victims of natural disasters with short-term communications, computer and power solutions run by highly-skilled IEEE volunteers.

MOVE went into service in March 2016 aiding in 5 disaster situations in 2016. In 2017, with two hurricanes back to back, IEEE-USA volunteers and the MOVE truck have been very busy. The team arrived in Houston, TX, US on 26 August in response to Hurricane Harvey. Then, on 8 September, the MOVE team and vehicle were deployed to Tallahassee, FL, US to position itself for Hurricane Irma. When not deployed for natural disasters, MOVE volunteers conduct STEM related community outreach.



To support the MOVE Community Outreach program, make a donation to the IEEE Foundation at <https://ieeefoundation.org/move>

## Making an Impact

The IEEE Foundation Impact Report (formerly the Honor Roll of Donors) is available online. See the impacts made by your donations to IEEE programs through the IEEE Foundation at [ieeefoundationimpact.org](http://ieeefoundationimpact.org).

## Humanitarian and Philanthropic Opportunities

We are proud to announce IEEE Humanitarian & Philanthropic Opportunities. This unique collaboration of IEEE programs brings together, for the first time, the wide palette of offerings and initiatives within IEEE and guides those interested to select the engagement that is right for them. Members can become involved at any stage of IEEE engagement through contributions of time, talent and treasure (a financial gift). Together, we can leverage the strength and reach of the IEEE network to make a difference worldwide. Doing good brings great returns! Visit [ieee.org/doing-good](http://ieee.org/doing-good) to learn more.



# A Collaboration of Opportunities at IEEE Sections Congress

## Ten humanitarian and philanthropic groups showcased activities that benefit society

By Karen Galuchie, IEEE Foundation Executive Director

IEEE Sections Congress 2017 was held 11-13 August in Sydney, Australia. Participation surpassed all prior records at 1,225 attendees with 309 of the 335 IEEE Sections represented. During my 20 years with IEEE, I have had the privilege of representing the IEEE Foundation at many Sections Congresses. This was by far the best – and here's why:

Activity kicked off on Thursday. IEEE Foundation Director Marko Delimar and I presented about the IEEE Foundation to IEEE Region 8.

On Friday, IEEE Foundation Past President Leah Jamieson, IEEE Foundation Vice President of Grants Dave Green and I were the guests of Region 10 at their Golden Jubilee luncheon. There they unveiled their 50th Anniversary commemorative book, which was printed thanks to IEEE Foundation funding.

Friday afternoon the Humanitarian & Philanthropic Opportunities (H&P) Pavilion – our joint exhibit presence with nine other IEEE humanitarian and philanthropic programs - was ready for business. Designed to excite members about the possibilities and inform them about the many ways to give back to IEEE, visitors to the Pavilion were encouraged to make



IEEE Foundation Director Marko Delimar, and Past President Leah Jamieson, make their pledge on the Giving Tree at the H&P Pavilion at SC2017.

a pledge of time, talent, and/or treasure to one or more IEEE programs. We set a goal of 250 pledges. Leah Jamieson welcomed IEEE President Karen Bartleson to the Pavilion where Karen led by example and made the first pledge.

Throughout the weekend, the Pavilion was full of activity and conversation.

Attendees pledged their involvement and placed it on the giving tree display. Watching the pledges grow and excitement generated by each one was both humbling and spectacular. We exceeded our goal with a total of 256 pledges. Program staff will follow-up with each person who visited the booth and on every pledge made to help them fulfill their commitment.

IEEE Foundation and priority initiative representatives also led a variety of sessions, many of which can be viewed on the H&P Web page at [iee.org/doing-good](http://iee.org/doing-good).

Congratulations and thank you to all who helped plan and execute our presence at SC17. It was an incredible time that generated a new level of excitement about the impact of the IEEE Foundation and will pay dividends into the future. Both the IEEE Foundation and the IEEE Life Members Committee supported the SC2017 at the \$25,000 level.



A sampling of pledges of Time, Talent and Treasure from visitors to the H&P Pavilion at IEEE SC2017.

# IEEE Foundation

As the philanthropic arm of IEEE, the IEEE Foundation is a leader in transforming lives through the power of technology and education. The IEEE Foundation enables IEEE programs that improve access to technology, enhance technological literacy, and support technical education and the professional community.

The IEEE Foundation, a tax-exempt 501(c)(3) organization in the United States, fulfills its purpose by soliciting and managing donations, recognizing the generosity of our donors, awarding grants to IEEE grassroots projects of strategic importance, supporting high impact IEEE Programs that empower bright minds, recognize innovation and preserve the history of technology. Charitable contributions to the IEEE Foundation are tax deductible to the fullest extent allowed by law in the United States. For other countries, please check with your local tax advisors.

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