

## March 2010 E-Newsletter

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Welcome to the IEEE Foundation E-newsletter reporting the latest news about the programs supported through the IEEE Foundation and the individuals and organizations whose charitable gifts make the programs possible. Issues will be released 4 times each year.

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### **2010 Foundation Awareness Survey**

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The IEEE Foundation conducted a survey between 9 March 2009 and 8 April 2009 to gather baseline input regarding IEEE member awareness of the IEEE Foundation. There were 710 responses out of 3,000 for a response rate of 24.0% and margin of error of 3.7%. The follow-up survey has been sent to a similar random sample this month so comparisons can be made. If you receive a request to participate, we sincerely appreciate your thoughtful responses.

The IEEE Foundation will use this information to develop messaging and outreach strategies to IEEE members.

## IEEE Doubles Impact of Haiti Fund

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On 20 January, in response to the disaster in Haiti, the IEEE Foundation established and began soliciting contributions to the [IEEE Haiti Engineering Educational and Professional Development Rebuilding Fund](#).

IEEE staff, members and friends have responded with generosity and compassion to the devastating earthquake by donating to the IEEE Haiti Engineering Educational and Professional Development Rebuilding Fund. To date, \$55,898 was raised through 527 gifts from 60 countries. IEEE will match, dollar for dollar, the first US\$50,000 in contributions, doubling the impact of the Fund. The Haiti Fund has generated 328 new donors to the IEEE Foundation and raised awareness of its online donation option.

[Contribute online](#) or donate by check made out to the IEEE Foundation and send to the IEEE Development Office, 445 Hoes Lane, Piscataway, NJ 08854, USA. Questions may be directed to the IEEE Contact Center at [contact-center@ieee.org](mailto:contact-center@ieee.org).

## New Tax Bill Encourages Giving to Haiti

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US Taxpayers may deduct their 2010 charitable donations to Haiti earthquake relief efforts when they file their 2009 taxes.

The bill, [PL 111-126, 2010 HR 446](#), approved 22 January, 2010 allows contributions to disaster relief efforts in Haiti made between 11 January and 1 March 2010 to be tax deductible in 2009. The measure, modeled after a [similar bill](#) that bolstered giving after the 2004 Indian Ocean tsunami, aims to encourage more donations after a 12 January earthquake devastated the poorest nation in the Americas.

## IEEE Foundation Awards US\$120,000

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The IEEE Foundation awarded grants to seven educational, humanitarian, historical preservation, and peer recognition programs. The grants, totaling US\$120,350, were awarded in November from the IEEE Foundation General, the IEEE Humanitarian Technology and the IEEE Life Member Funds.

### IEEE Foundation General Fund Grants

- \$15,000 went to the **IEEE Teacher In-Service Program** in South Africa to develop engineering-related lesson plans.
- **The Warriors of EHTP: Team 1880, a FIRST Robotics Team**, received \$22,700 to support the participation of East Harlem students in the FIRST competition.

- \$25,000 was awarded to the **Transforming Engineering Education Conference**.
- The IEEE Educational Activities video project, **Enhancing Public Perception of Engineering Impact**, received \$20,000. It aims to encourage pre-university students to consider engineering as a profession.

#### **IEEE Humanitarian Technology Fund Grants**

- The **Karnataka (India) Young Engineers' Humanitarian Challenge** received \$4650 to run a student contest seeking innovative project proposals aimed at solving humanitarian challenges.

#### **IEEE Foundation Life Members Fund Grants**

- An \$18,000 grant will enable the **Engineers Without Borders Teach Sustainable Technology** project to partner with communities to improve their quality of life.
- \$15,000 to **Students Engaged in Building a Technology Museum** allowed the IEEE Bahia Section Student Branch at UFBA (Federal University of Bahia State, Brazil) to build a museum of technology.

[Read more](#) about these recently awarded grants.

### **Upcoming Call for Grant Applications – April 23**

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The IEEE Foundation accepts [grant applications](#) for new and innovative projects in January, April and September. Please submit your grant application using the [online form](#), which can be accessed along with the exact [2010 deadlines](#) at [ieeefoundation.org](http://ieeefoundation.org).

The IEEE Foundation considers projects that:

- Use technology for humanitarian causes
- Improve math, science and technology education from pre-college through continuing education
- Introduce pre-college students to engineering and science
- Support professional development and conference participation for university students
- Preserve and promote the history of IEEE associated technologies
- Recognize major contributions to IEEE associated technologies.

Please review the IEEE Foundation's grant guidelines and direct your questions to [foundation-office@ieee.org](mailto:foundation-office@ieee.org).

## Three New Funds Established

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In November, the Foundation Board established three new funds:

**The Yu-Hsiu Ku Electrical Engineering Award Fund** was established from a donation of \$75,000 from Nari Relays Electric Company Ltd. It will recognize an individual who is working in China who demonstrates excellence in electricity, electrical machinery, power system engineering or related fields in China with a lasting beneficial impact on Chinese society. The award is in memory of Yu-Hsiu Ku, who made important contributions in mathematics, electrical machinery, and modern control theory during a long career in the US and China. The annual award be administered by the IEEE Power & Energy Society and CSEE.

**The IEEE Phoenix Section Scholarship Fund** will award up to five \$1000 scholarships each year to IEEE student members who are full-time undergraduate or graduate students, reside in and attend a university within the IEEE Phoenix Section, and pursuing a degree in fields recognized by IEEE. The Fund was established thanks to a US\$100,000 donation from the Arizona State University Foundation.

**The Ganesh N. Ramaswamy Memorial Student Grant Fund** was established with a \$10,000 contribution from IBM. It will be administered by the IEEE Signal Processing Society to honor the memory of the former member and IBM employee who died in 2008. Ramaswamy was manager of the Conversational Biometrics Group in the Human Language Technologies Department at the IBM Thomas J. Watson Research Center in Yorktown Heights, N.Y. He was a member of the IEEE Speech and Language Technical Committee. The fund will support the recognition of an outstanding paper by a student in the technical area of speech or language recognition. The award will be presented at the annual IEEE International Conference on Acoustics, Speech, and Signal Processing. To request that a fund be established call the IEEE Development Office : +1 732 562 5550 or e-mail [donate@ieee.org](mailto:donate@ieee.org).

## IEEE Foundation Sponsored Awards

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The IEEE Awards Board administers the [awards and recognition program](#) of the IEEE. Through its awards program, the IEEE advances the interest of its members by recognizing their contributions in advancing the fields of interest to IEEE and to the benefit of society. By this means, the image and prestige of the organization, its members and the profession are all enhanced. IEEE Foundation sponsors two medals and one Service Award as follows.

**[IEEE Medal of Honor](#)**, is awarded to: **Andrew J. Viterbi** (LF' IEEE) President, Viterbi Group, LLC San Diego, CA, USA, "for seminal contributions to communications technology and theory."

[IEEE Founders Medal](#), goes to **Paul E. Gray** (LF' IEEE) Professor of Electrical Engineering emeritus and President emeritus, Massachusetts Institute of Technology(MT) Cambridge, MA, US, "for an exemplary career of leadership in education, research and public policy."

[IEEE Haraden Pratt Award](#), will be presented to **Raymond David Findlay** (LF' IEEE) Emeritus Professor, McMaster University Hamilton, Ontario, Canada "for sustained leadership at IEEE and regional levels in effecting positive change for IEEE and its members."

## IEEE Unveils New Tagline

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On 10 February, IEEE unveiled a tagline – *Advancing Technology for Humanity* – The new IEEE Tagline showcases the organization's basic tenet that IEEE and its members across the engineering, computing and technology community worldwide advance innovation and technological excellence for humankind.

The tagline was introduced through a fast-moving video (<http://www.ieee.org/portal/ieeetv/viewer.html?progId=121511>) illustrating how innovations by IEEE members positively impact the world. The tagline and accompanying video reflect IEEE's strategic vision and values. Read the full press release. (<http://www.ieee.org/web/aboutus/news/2010/10feb.html>)

## Join the IEEE Goldsmith Legacy League and be Forever Generous

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You are invited to join an elite group: ***The IEEE Goldsmith Legacy League*** – The IEEE Foundation's planned giving donor recognition group. Members of the IEEE Goldsmith Legacy League are Forever Generous. They build tomorrow by leaving a legacy gift to benefit future generations of engineers.

League members have included bequests in their will or trust, or named the IEEE Foundation as beneficiary of their life insurance policy or retirement plan. Regardless of the amount, each legacy gift is critical to sustaining IEEE Foundation's effort to advance the IEEE core purpose of Advancing Technology for Humanity.

To learn more or to join the IEEE Goldsmith Legacy League, contact Karen Galuchie in the IEEE Development Office at +1 732 562 3860.

## Graduate Fellowship in Electrical Engineering

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The Life Members [Graduate Study Fellowship](#) is awarded annually to a first year, full-time graduate student obtaining their Masters for work in the area of electrical engineering, at an engineering school/program of recognized standing worldwide. The award carries a stipend of \$10,000 per year. [Learn more.](#)

## Life Members Travel/Tours Program

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The IEEE History Center's [Milestones](#) celebrate technological breakthroughs or turning points around a number of which the [IEEE Life Member Committee](#) is organizing technology-themed tours. The inaugural [IEEE Tech Tours](#) to Panama recognized the Panama Canal Electrical and Control Installations of with opportunities to experience the environment and culture of Panama itself. This pilot program was available to IEEE Life Members and their families only. If successful, it will be further developed and expanded.

If you have questions or would like more information about the travel Program, please contact [LM-Tours@ieee.org](mailto:LM-Tours@ieee.org).

## Meet the 2010 IEEE [Foundation Board](#)

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IEEE Foundation Board President Dr. Richard J. Gowen and Vice President of Development Dr. Arthur W. Winston welcome new Directors, [Prof. Leah H. Jamieson](#) and [Dr. Adrian V. Pais](#).

## Your Article Submissions are Welcome

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We welcome your [submission](#) of articles for this newsletter. All submissions may be edited for style and length.

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*All money is reported in US dollars.*



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