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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 are released 4 times each year.

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1. [U.K. Student Wins IEEE Presidents' Scholarship at Intel Science Fair](#)

James Sinclair Popper, an 18-year-old senior from Marlborough College in the United Kingdom, was awarded the US\$10,000 IEEE Presidents' Scholarship by IEEE President-elect Moshe Kam on 13 May, during the annual [Intel International Science and Engineering Fair \(ISEF\)](#) in San Jose, Calif. [ISEF](#) is the world's largest international pre-college science competition.

Popper was recognized for his CookerSmart project, a smoke detector specifically designed for the kitchen. Traditional smoke detectors cannot function effectively due to the prevalence of false alarms. CookerSmart uses an innovative and unique detection method that senses fires in their infancy, identifies the infra-red flicker of the flame, and then analyzes and responds to specific frequency bands of flame flicker.

The [IEEE Presidents' Scholarship](#) was created in 1999 to recognize exceptional student projects that demonstrate an understanding of electrical engineering, electronics engineering, computer science, or other IEEE fields of interest. In 2005, the IEEE Foundation established the IEEE Presidents' Scholarship Fund to accept contributions to support the award.

2. IEEE Spoken Language Processing Student Travel Grant Awarded

Congratulations to the two winners of the [IEEE Spoken Language Processing Student Travel Grant](#): Ming Lei and Yong Zhao. This is a cash grant, administered by the IEEE Foundation, which is to be used to attend a conference or workshop.

3. Senese Scholarship Recipient Announced

Steven Geuther is the fourth annual recipient of the [IEEE Daniel J. Senese Memorial Scholarship](#), made possible by donations from IEEE staff and volunteers. Each year IEEE awards this scholarship to a senior graduating from Piscataway High School who plans to major in a field of interest of IEEE. The \$1,000 scholarship was presented to Geuther during the school's Senior Awards Assembly on 2 June. Geuther plans to study mechanical engineering at Lehigh University.

You are invited to make a tax-deductible donation to the Scholarship Fund. Checks should be made payable to the IEEE Foundation - IEEE Daniel J Senese Memorial Scholarship Fund and sent to the IEEE Development Office. Donations may also be made by credit card online at <http://www.ieee.org/donate>.

4. IEEE Foundation Sponsors Medals at the IEEE Honors Ceremony

The annual [IEEE Honors Ceremony](#) recognizes technical professionals in a wide variety of disciplines for exceptional achievements and outstanding contributions that have made a lasting impact on technology, society and the engineering profession. The 2010 IEEE Honors Ceremony will be held in Montreal, Canada on Saturday, 26 June at Le Windsor. You can [watch it live](#) at 9:30 p.m. UTC. Each year, the [IEEE Awards Board](#) selects recipients of the IEEE's prestigious Medal and Recognition awards. The IEEE Foundation is proud to sponsor and present two of the medals and one service award.

The [IEEE Medal of Honor](#) will be presented to IEEE Life Fellow [Andrew J. Viterbi](#), co-founder of Qualcomm Incorporated and developer of wireless technologies that became the international standard for third-generation cellular phones. He is recognized for "seminal contributions to communications technology and theory." The [IEEE Founders Medal](#) will be presented to [Paul E. Gray](#), Professor of Electrical Engineering emeritus and President emeritus, Massachusetts Institute of Technology (MIT) Cambridge, MA, USA "For an exemplary career of leadership in education, research and public policy." The [IEEE Haraden Pratt Award](#) will be presented to [Raymond David Findlay](#) Emeritus Professor, McMaster University, Hamilton, Ontario, Canada "For sustained leadership at IEEE and regional levels in effecting positive change for IEEE and its members."

5. Check Your Mail for the 2009 Honor Roll of Donors

The 2009 IEEE Foundation Honor Roll of Donors reflects on IEEE Foundation activities and charitable support in 2009. Its purpose is to express gratitude and recognize the generosity and commitment of our donors who enabled the IEEE Foundation to award \$1.7 million in program support, award 29 grants and establish 9 new funds. The Honor Roll of Donors will be mailed in late June to IEEE Foundation donors who gave \$25 or more in 2009. If you are not among that group, you may request a copy in the mail by sending your name and mailing address to donate@ieee.org.

6. Call for Grant Applications

The IEEE Foundation accepts grant applications for new and innovative projects three times per year. The next 2010 deadline is 10 Sept. [Grant applications](#) may be submitted online. Before submitting an application, please review the IEEE Foundation's [grant guidelines](#). Direct your questions to foundation-office@ieee.org.

The IEEE Foundation considers projects in these particular areas of interest:

- Using technology for humanitarian causes
- Improving math, science and technology education from pre-college through continuing education
- Introducing pre-college students to engineering and science
- Providing professional development and conferences for University students
- Preserving, studying and promoting the history of IEEE associated technologies
- Recognizing major contributions to IEEE associated technologies

7. Your Article Submissions are Welcome

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

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