

The President's Perspective

The IEEE Foundation is preparing to increase the services it provides to IEEE members, societies, sections, and other organizational units with the addition of Peter Sobel to the IEEE Foundation Development Office, as Director, Corporate and Foundation Partnerships. Mr. Sobel will lead the development effort, guide corporate donor solicitations and facilitate cooperative projects with other foundations. This expansion to the Development Office is part of the IEEE Foundation's preparations to serve the changing membership of the IEEE.

The rate of growth in IEEE's membership outside of the United States continues to increase and now accounts for over 40% of the total IEEE membership. While the majority of donations to the IEEE Foundation are made by donors in the United States, corporations headquartered outside of the United States are major supporters of the IEEE awards program and the IEEE History Center. The continuing increase in the percentage of members outside of the United States provides new opportunities to expand relationships with donors in those regions to support programs both in the donor's country and the global IEEE philanthropic activities in awards, education, and history.

As part of the process of updating the IEEE Foundation development plan, I have traveled to IEEE Region Leadership meetings outside of the United States to consult with IEEE, industry, and government leaders. These meetings provided an opportunity to assess the potential for donor



IEEE Foundation President Richard J. Gowen (center) receives a copy of a book based on the content of the IEEE Virtual Museum and a shirt from IEEE Thailand Section Secretary Ekachai Leelarasmees (left) and IEEE Thailand Section Chair Siri Tandhavatana (right). The book, published in Thai, highlights the history of engineering which is often overlooked in schools in Thailand. Thanks to a grant from the IEEE Foundation and the hard work of the IEEE Thailand Section, as of January 2007, over 6,000 copies have been distributed to more than 4,000 high school libraries in Thailand

contributions and to identify high priority projects for possible funding through the IEEE Foundation.

While my discussions with leaders identified many specific needs in each region, including areas of the United States, there is recognition that the IEEE can provide access to the experiences of our global membership to identify technologies to improve health, social, and economic conditions.

Leaders seek cost acceptable, environmentally appropriate, and sustainable technologies for: the generation and distribution of energy, communications, transportation, medical care, and mitigation of natural disasters. I am pleased to report that IEEE is working on plans to develop activities to enable members to collaborate to adapt existing technologies or develop new technology-based solutions to address some of these vexing humanitarian challenges. The IEEE Foundation will support these efforts by identifying and linking philanthropic support for these activities.

In closing, I thank you for your donations to the IEEE Foundation that support innovative and exciting philanthropic programs that advance the educational and scientific mission of the IEEE. The IEEE Foundation provides a grant process to select and fund the most outstanding projects in the areas of education, history, awards and student activities. We receive more requests for grants than we are able to fund and appreciate your continuing support. Your continued support is critical to the IEEE Foundation's ability to fund as many worthy grants as possible, as well as to help IEEE succeed in its efforts to respond to the identified humanitarian challenges.

Yours Truly,

Richard J. Gowen
President, IEEE Foundation

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Dreams Soar at the 2007 IEEE Honors

Hosted by IEEE President Leah H. Jamieson and IEEE President-Elect Lewis M. Terman, the IEEE Honors Ceremony was held on 16 June 2007 in Philadelphia, PA, USA. The event honored eighteen individuals and two corporations for their achievements in innovating the way people live by advancing technology. This distinguished group of recipients contributed to innovations that have become integral parts of everyday life, including personal computers, wireless communication, plasma TVs and hybrid automobiles.



ABOVE: **Leah H. Jamieson** (front row, 4th from left) with the recipients honored during the 2007 IEEE Honors Ceremony. Not pictured: Aart deGeus and Ian C. McRae.

LEFT: **2007 IEEE Medal of Honor** recipient Thomas Kailath (back row middle) and his family enjoy the reception following the 2007 IEEE Honors Ceremony. Kailath generously donated part of his honorarium to the IEEE Foundation General Fund and IEEE History Center Fund, helping to support the scientific and educational goals of the IEEE.

Ceremony



Thomas Kailath proudly displays his IEEE Medal of Honor, which is sponsored by the IEEE Foundation. He received the award "for exceptional development of powerful algorithms in the fields of communications, computing, control and signal processing."



Anita K. Jones (center) with IEEE President Leah H. Jamieson (left) and IEEE Foundation President Richard J. Gowen (right) after receiving the 2007 IEEE Founders Medal "for outstanding leadership in academic research and in directing science and engineering research in the Department of Defense." The IEEE Founders Medal is supported by the IEEE Foundation.



Leah H. Jamieson presents the 2007 IEEE Haraden Pratt Award, sponsored by the IEEE Foundation, to Luis T. Gandia "for outstanding leadership in promoting technical activities at the regional level and the transnational character of the IEEE at the Board level."



2007 IEEE/RSE Wolfson James Clerk Maxwell Award recipient and co-founder of Qualcomm, Irwin Mark Jacobs (center), with (from left to right) Tariq Durrani, IEEE Awards Board Member; David Milne, former CEO, Wolfson Microelectronics plc; William Duncan, Chief Executive, Royal Society of Edinburgh; and Sanjay Jha, Chief Operating Officer, Qualcomm.



Andrew Viterbi, co-founder of Qualcomm, received his 2007 IEEE/RSE Wolfson James Clerk Maxwell Award from HRH The Duke of Edinburgh (center), at the 2007 RSE Summer Soiree held at Edinburgh's Telford College. (Shown are left to right) IEEE Foundation President Richard J. Gowen, his wife Nancy Gowen, Andrew Viterbi, The Duke of Edinburgh, Qualcomm COO Sanjay Jha, IEEE Foundation Executive Director Fern E. Katronetsky, and President of the Royal Society of Edinburgh Sir Michael Atiyah. Viterbi generously donated his honorarium to the IEEE Foundation General Fund.