

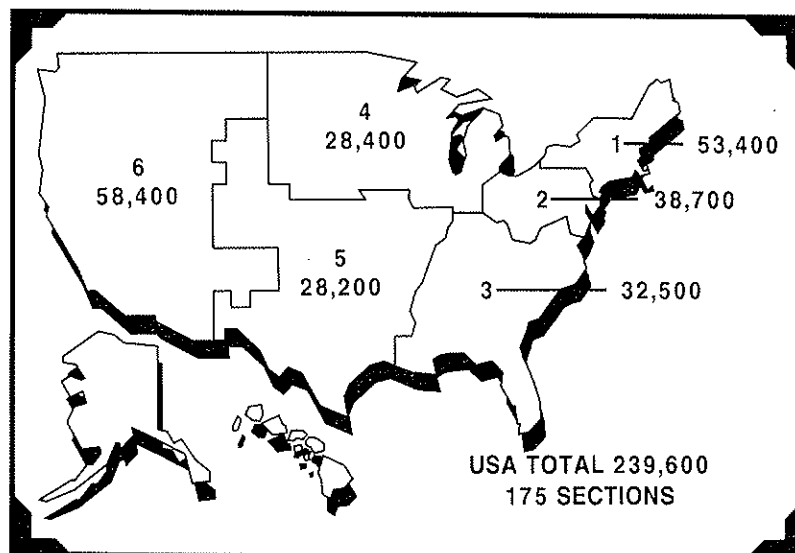


IEEE

UNITED STATES ACTIVITIES

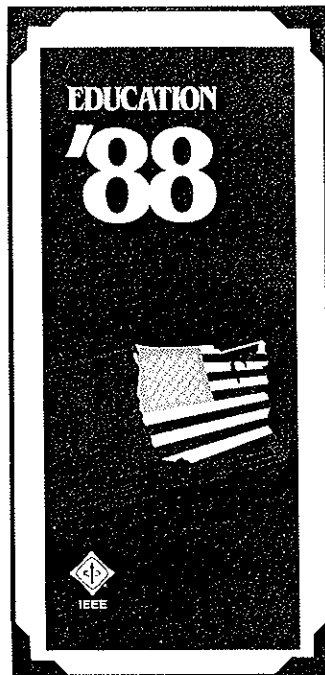


1988 REPORT

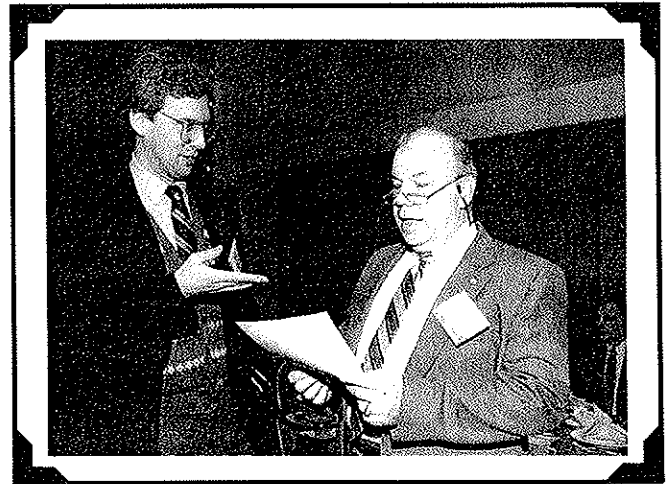


THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE—USA: *A Year In Pictures...*



Prepared by the Committee on Precollege Education, a joint committee of the IEEE United States and Educational Activities Boards, this pamphlet describes the current state of education in the U.S. and how it can be improved.

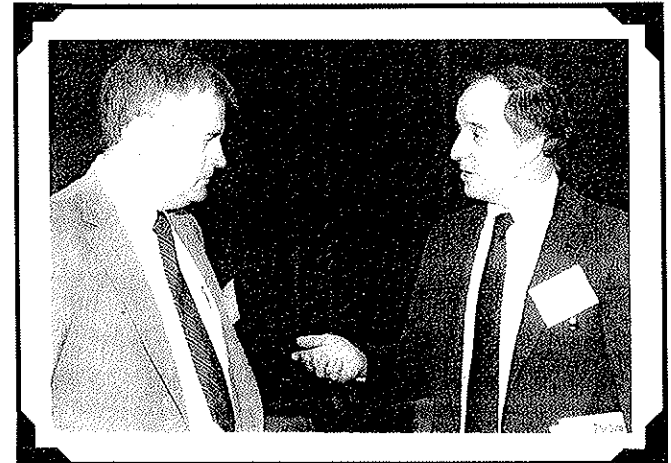


IEEE Spectrum's John A. Adam (left) talks with IEEE President Russell C. Drew at 1988 Conference on U.S. Technology Policy on March 29 in Washington, DC. Titled "Manufacturing Technology and the U.S. Engineer," the conference was attended by some 100 IEEE members, policymakers, and press.

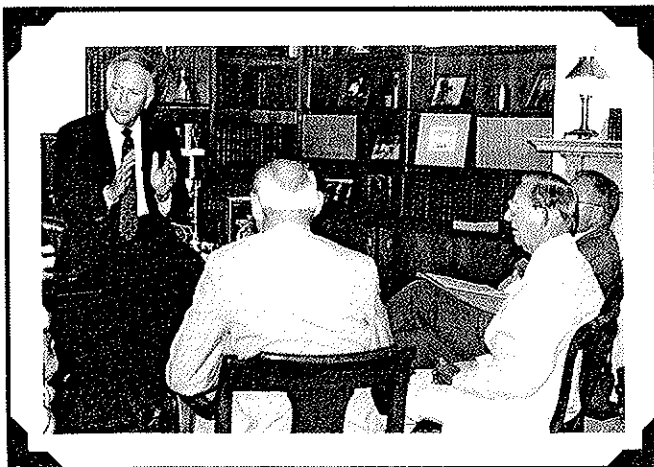


IEEE United States Activities (IEEE-USA) representatives visit Capitol Hill on July 14 to express their support for a moratorium on reversions of excess assets from overfunded, defined benefit plans.

(Photo: Bernice Evans)



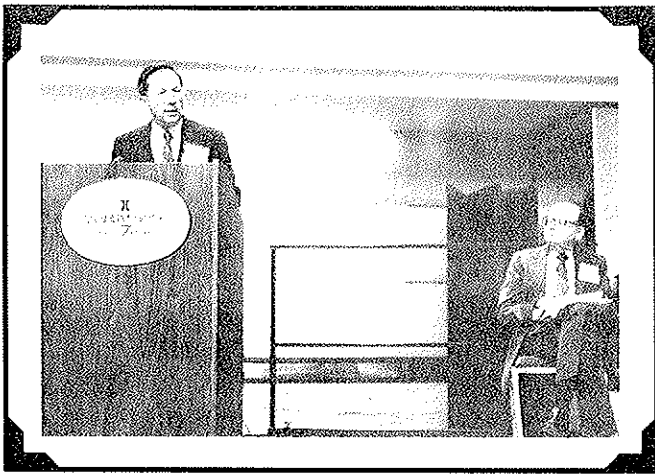
IEEE Professional Activities Vice President and United States Activities Board (USAB) Chairman Edward C. Bertinelli (left) talks with *Microwaves & RF's* Ron Schneiderman at IEEE-USA Briefing on R&D Funding for Fiscal Year 1989 on March 11 in Washington. Six senior Government officials examined their agencies' electrotechnology budgets before approximately 65 IEEE members and press.



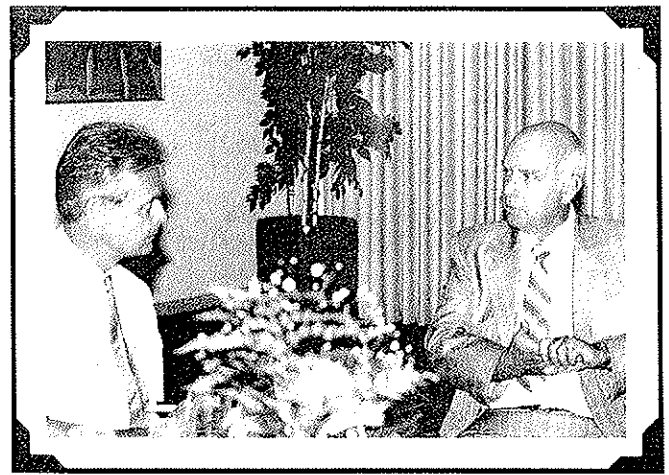
Senator Bob Packwood (R-OR) talks with members of the IEEE-USA Pension Committee in his Capitol Hill office on July 14. (Photo: Bernice Evans)



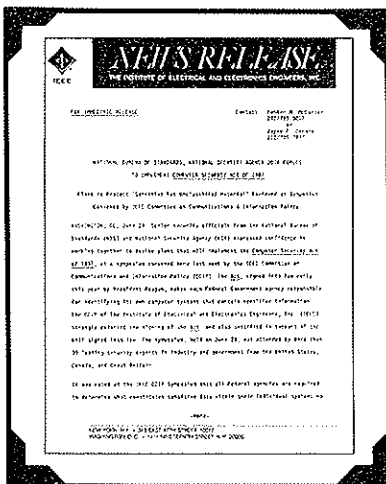
White House Office of Management and Budget (OMB) Associate Director Robert K. Dawson (left) makes a point with Aerospace R&D Committee Member Richard B. Marsten (center) and *Electronics'* Tobias Naegele at R&D Budget Briefing.



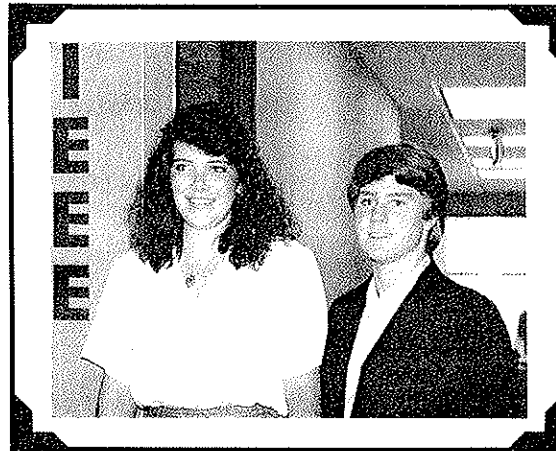
IEEE 1988 President-Elect Emerson W. Pugh (left) addresses WESCON session on "Meeting the Needs of the EE Profession" November 17 in Anaheim, CA. Listening is *Electronics*' Samuel Weber, session organizer and member of the IEEE Public Relations Advisory Committee. (Photo: Pender M. McCarter)



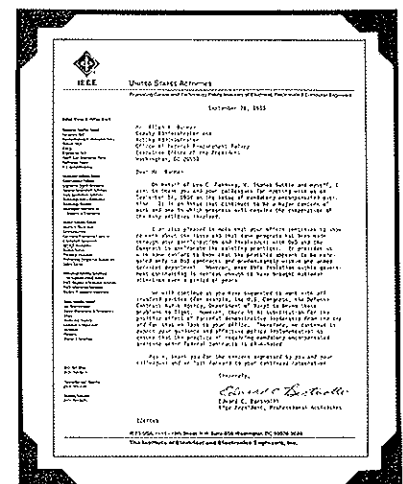
Arizona Republic's Art Thomason (left) interviews Roger M. Boisjoly at IEEE-USA National PACE Workshop held in Phoenix over the Labor Day Weekend. Boisjoly received an IEEE-USA Citation of Honor for "upholding professional responsibilities as an engineer by alerting others to life-threatening design problems on the Challenger space shuttle." As recorded in the 1988 IEEE U.S. Member Opinion Survey, a majority of respondents expressed support for stronger laws to protect whistle blowers. (Photo: Bernice Evans)



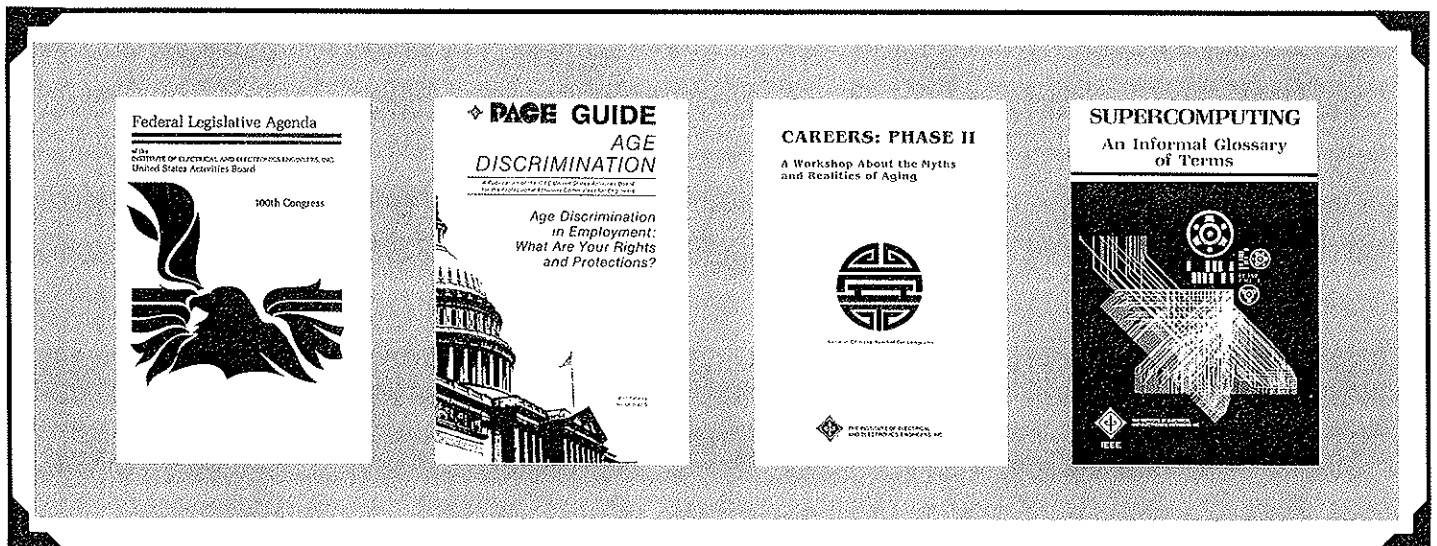
Plans to implement the Computer Security Act of 1987 were unveiled at a symposium sponsored by the Committee on Communications and Information Policy (CCIP) on June 21 in Washington.

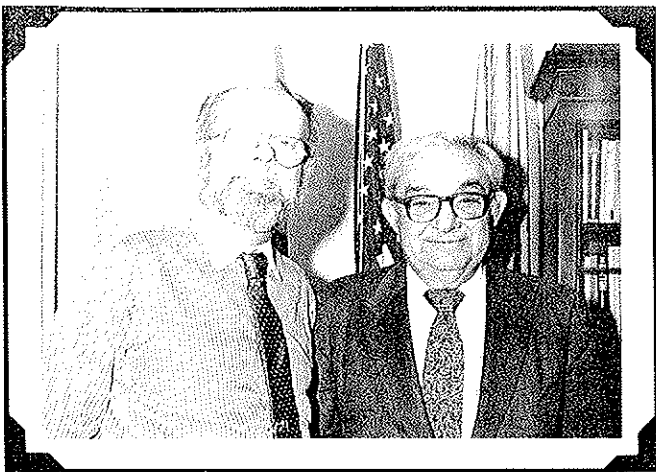


IEEE Student Members Elizabeth Abrahams (left) of Bucknell University and Lisa Shay of the U.S. Military Academy at West Point completed summer programs in the Washington Internship for Students of Engineering (WISE) program. (Photo: Bernice Evans)

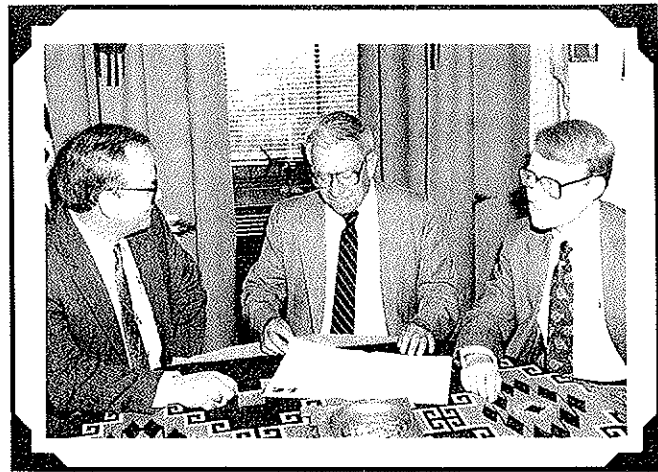


USAB Chairman Bertinelli called on the Office of Federal Procurement Policy to eliminate the practice of bidding mandatory uncompensated overtime in federal contracts.

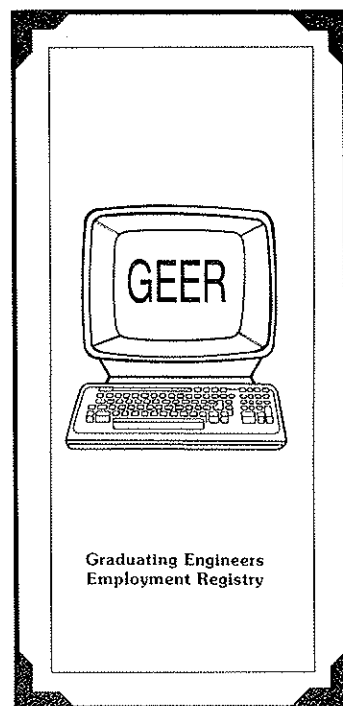
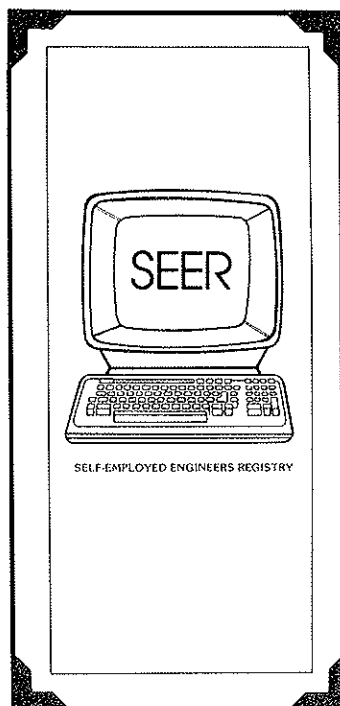
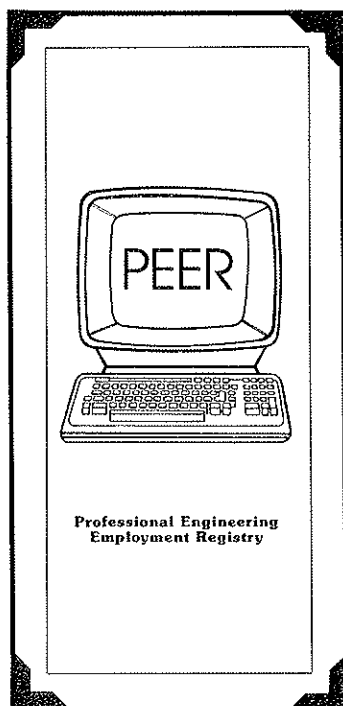




IEEE-USA Congressional Fellow Clark E. Johnson, Jr. (left) is shown with Representative George E. Brown, Jr. (D-CA). Mr. Johnson worked with Congressman Brown on the House Science, Space, and Technology Committee, concentrating on issues relating to competitiveness and R&D funding.



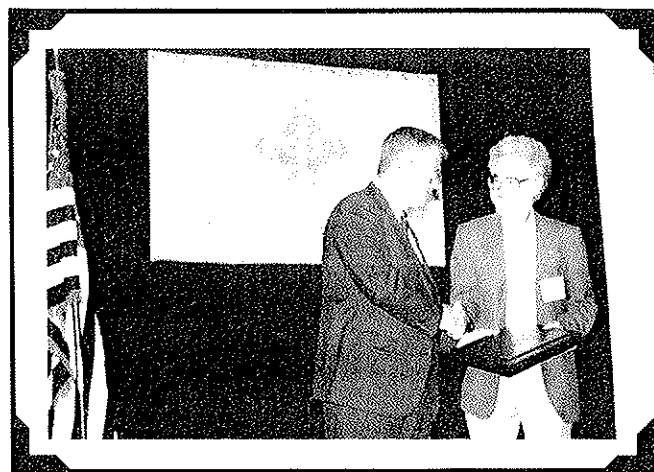
IEEE-USA Congressional Fellow James E. Gover (left) meets with Representative Manuel Lujan, Jr. (R-NM) (center) and House Science, Space, and Technology Committee Minority Staff Director Tom Weimer. A third IEEE-USA Congressional Fellow, Dr. George C. Sponsler, served on the personal staff of Senator Paul Simon (D-IL).



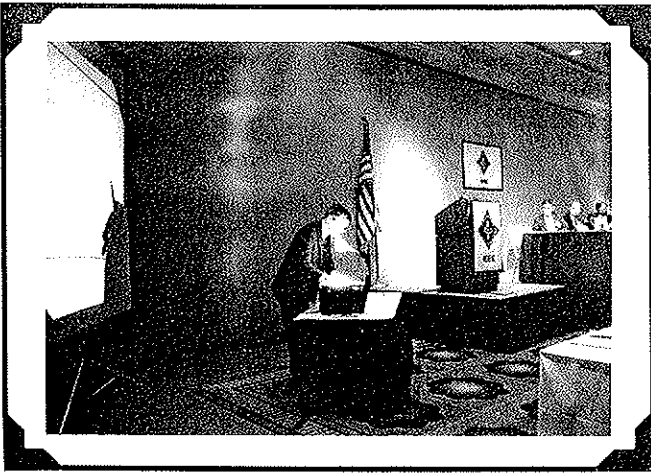
IEEE-USA oversees three employment databank services; PEER, introduced in 1984; SEER, started in 1987; and GEER, begun in 1988.



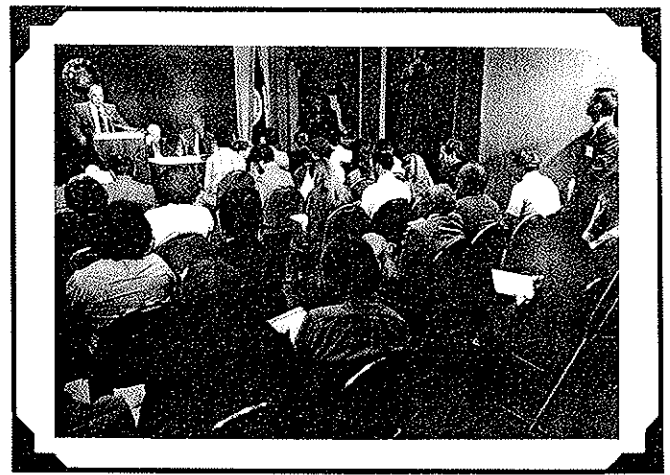
USAB Chairman Bertinelli (left) receives IEEE-USA Citation of Honor to be presented to Dr. F. Karl Willenbrock (center), former Chairman of IEEE-USA's Government Activities Council, at U.S. Technology Policy Conference.



Dr. Bertinelli (left) congratulates Stephen H. Unger, recipient of the 1987 IEEE-USA Award for Distinguished Contributions to Engineering Professionalism, presented at the 1988 PACE Workshop. CCIP Chairman John M. Richardson was named to receive the same award for 1988. (Photo: Bernice Evans)



Four panels were convened at March 29 U.S. Technology Policy Conference: "Overview of the Role of Manufacturing in Competitiveness"; "New Technologies for Manufacturing"; "Education to Enhance Manufacturing Technology"; and "Effects of Government Regulations on Competitiveness." A *Conference Digest* is available on request to the IEEE-USA Office in Washington.



Dr. Drew addresses some 50 media representatives at the National Press Club, urging a stronger role for the incoming White House science and technology adviser. On the day of the IEEE-USA-sponsored briefing, *The Wall Street Journal* recognized IEEE as a leader in pursuing strengthened science and technology advice. The briefing attracted representatives from *The New York Times*, *Los Angeles Times*, AP, UPI, C-SPAN, and Voice of America.

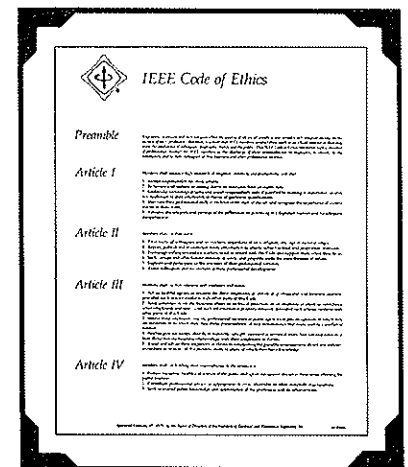


Representatives of the IEEE-USA Pension Committee are shown with their counterparts from other Washington-based groups including the American Association of Retired Persons, the National Council of Senior Citizens, and the Pension Rights Center. An NBC News camera group videotapes the delegation for a documentary special.

(Photo: Bernice Evans)



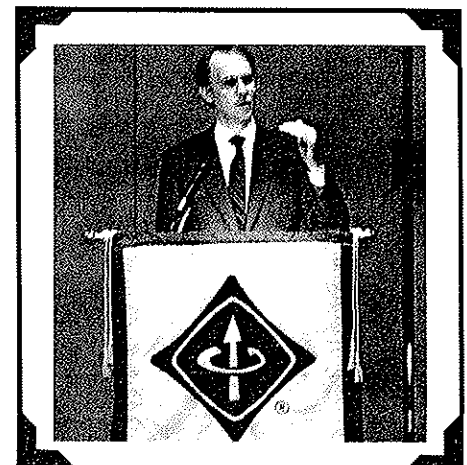
IEEE member poses question to participant in R&D Briefing which included representatives of the U.S. Departments of Energy and Defense, NASA, National Science Foundation, National Institutes of Health, OMB, and National Bureau of Standards.



Under the leadership of Dr. Bertnolli, a formal process was developed and approved by the IEEE Board of Directors to amend the *IEEE Code of Ethics*.

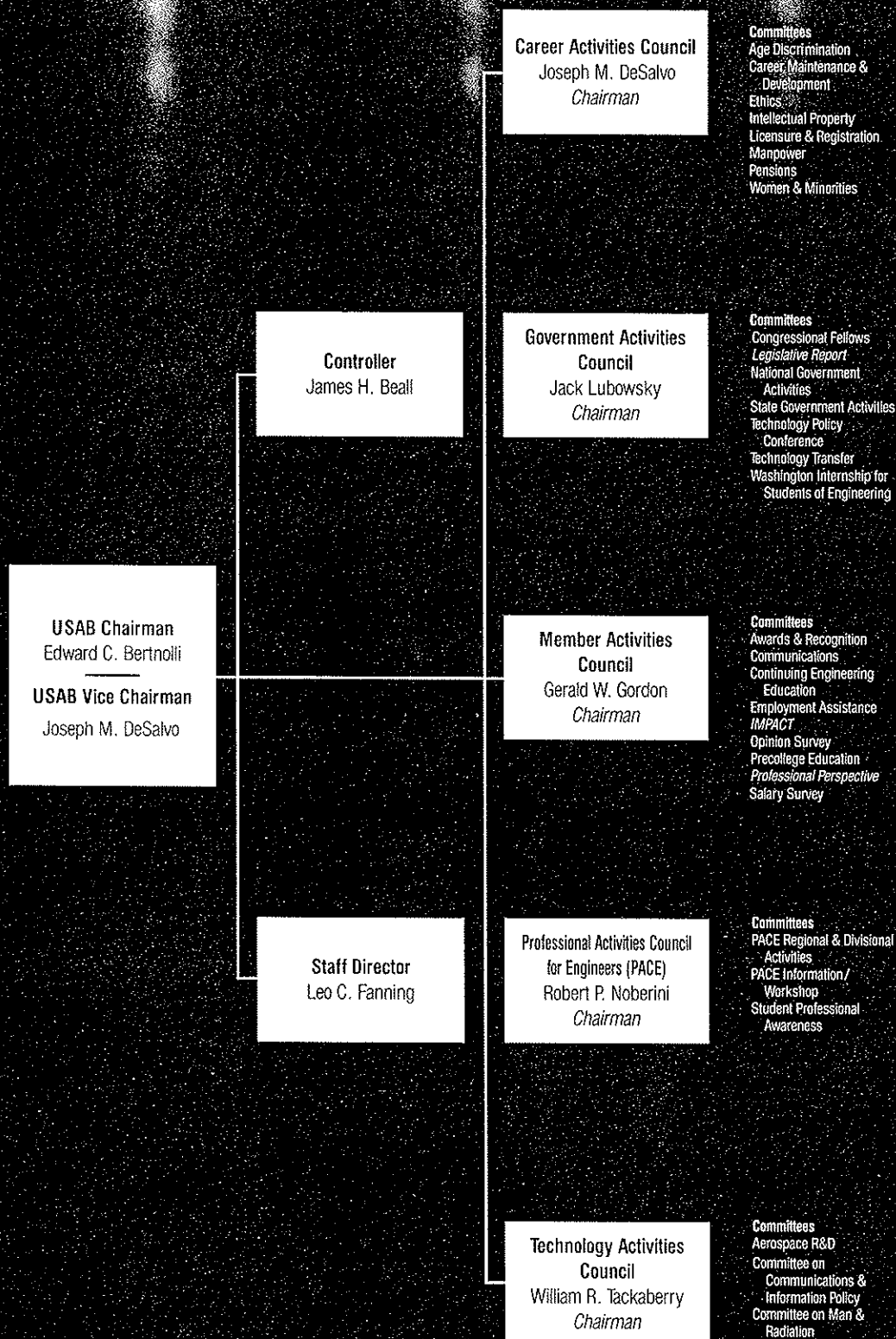


IEEE-USA Pension Committee Member John A. Casazza (left) is shown with Senator Howard Metzenbaum (D-OH) (fourth from right) and representatives of other Washington-based organizations. (Photo: Bernice Evans)



Presidential Science Adviser William R. Graham addresses attendees at the U.S. Technology Policy Conference luncheon on ways in which professional societies can contribute to public policy.

1989 IEEE United States Activities Board Operations



About IEEE-USA

IEEE United States Activities (IEEE-USA) promotes career and technology policy interests of electrical engineers (EEs) in the United States; especially some 240,000 U.S. IEEE members. IEEE-USA encompasses efforts to support or reform state or national policies and practices that affect the livelihoods of U.S. EEs. It also includes those efforts aimed at influencing technology policies and issues propounded by the U.S. Government.

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