

IEEE-USA Annual Plan

Career & Workforce Policy Committee

Proposed: January 2009

Chair: *Hank Lindborg*

Staff: Vin O'Neill

Mission: To advance the career-related policy interests of electrical, electronics and computer engineers and related information technology professionals with a specific focus on the career needs of IEEE's U.S. members and the overall health of the U.S. engineering workforce.

Committee Goals and Objectives

Public Policy Priorities

- Competitiveness and Innovation – Promote enactment of Federal legislation needed to *sustain* U.S. technological leadership, promote economic competitiveness and create high wage/high value added jobs in *science, technology, engineering and math* (STEM) fields in the United States. [IEEE-USA Government Relations Council]
- Education and Lifelong Learning – Continue to promote enactment of Federal legislation to improve the quality of science, *technology, engineering* and mathematics (STEM) instruction in grades K-12 and enable more Americans to pursue university degrees and continuing professional education in STEM fields. [STEM Education Coalition]
- Health and Retirement Security – Increase health care accessibility and affordability for *the employees of* small businesses, for association *and professional society* members and for self-employed individuals and improve financial security in retirement for more Americans by: *strengthening* tax-favored *retirement* savings programs; *reforming* Social Security; and eliminating *statutory* impediments to phased retirement *for older workers*.. [Small Business Health Care Coalition and Savings Coalition of America]
- High Skills Immigration Reform – Promote enactment of Federal legislation to: increase the availability of permanent, employment-based (EB) visas; facilitate the *transition of international students with advanced degrees in STEM fields from U.S. schools from temporary* to legal permanent resident (LPR) status; reform *temporary, employment-based admissions programs for high tech professionals*; and *streamline* visa processing for short term visitors *coming to the United States to conduct* business, education or research. [Employer, Educational, Immigrant, Labor and Professional Organizations]
- Workforce Globalization – *Continue to assess the impact of offshore outsourcing on. high tech employment in the United States and its long-term implications for* America's technological leadership, economic vitality and national security. [House Science & Technology Committee]

Member Communications

- Publish updated editions of Ten Tax-Favored Ways to Save for Retirement and An Engineers Guide to Educational and Employment-based Visas as E-Books [Staff]
- Publish selected engineering workforce statistics (education, employment, immigration, salaries and job projections) on-line [Staff and Consultants] *<pending completion>*
- Expedite the dissemination of careers and workforce policy information in Today's Engineer (6), at IEEE Conferences (2) and in instructional webinars (2).

Member Education

- Continue to offer Career Survival/Makeover Workshops in conjunction with CWPC meetings with help on promotion, registration and facilities from local IEEE sections.
- Offer a one day "emerging engineering employment opportunities" seminar in cooperation with an IEEE-USA policy committee or an IEEE technical society. [Computer Security, Critical Infrastructure Protection, Power Generation, or RFID]

Multi-Generational Workforce Research Project

- *Publish findings, conclusions and recommendations from survey research conducted in 2008* to help improve the professional productivity and personal satisfaction of younger, mid-career and older engineers in today's multi-generational workforce. [Kostek, Lindborg and Perkins] Research]

Organizational Outreach

- Continue to hold meetings with employers of engineers and with local IEEE section leaders in conjunction with CWPC business meetings in high density population centers.
- Re-establish liaison with the Engineering Workforce Commission (AAES) and re-consider becoming an individual member of the Commission on Professionals in Science and Technology (AAAS). [Staff]
- Develop opportunities to partner with internal IEEE and external entities (employer organizations, educational institutions and government agencies) on careers and workforce policy issues of mutual concern.

Committee Membership

- Refresh committee membership listings; identify and recruit Regular, Resource, Section and *Society* Representatives and Corresponding members.

Committee Budget

<u>Year</u>	<u>Budget</u>	<u>Modified</u>	<u>Projected</u>	<u>Actual</u>
2008	\$30.0 K	\$82 K*	\$88 K	\$ 99.4
2009	\$30.6 K	\$70.6**		

- 2008 modifications included \$10K for Career Fly-In expenses and \$42K for legislative advocacy on immigration issues by the Morrison Public Affairs Group

2009 modifications include \$10 K for career Fly-In expenses and \$30K for legislative advocacy on immigration issues by the Morrison Public Affairs Group

Committee Events Schedule (Committee Meetings and Telecom Dates TBD)

<u>Quarter</u>	<u>Event</u>	<u>Dates</u>	<u>Location</u>
Winter	Annual Meeting	Feb 26-Mar 4	Salt Lake City
	Career Fly-In	Mar 23-24	Washington DC
Spring	Congressional Visits	Apr 28-29	Washington DC
	CWPC Meetings	May 01-03	Washington DC
Summer			
Fall	STEM Measures Con	Oct 21-23	Washington DC

Q:CPC/Plans/Draft 2009 Annual Plan