



IEEE Region 2 - Central Area

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Central Area Membership by Section

- Pittsburgh ?????? (2802*)
- Susquehanna 833 (857*)
- Central Pennsylvania 480 (650*)
- Erie 194 (166*)
- West Virginia ?????? (193*)
- Johnstown 194 (146*)
- * Estimated Spring 2007 membership

Section Activities

- **New Processes**

- **Johnstown:** No longer charging a flat fee for meeting and dinner; members can come for free and not eat; resulted in increased attendance.
- **Susquehanna:** Two successful on-line senior drives in May and August 2007: More than 35 members applied more than 20 got the SM status. Another Senior membership drive is planned for May 2008.

Section Activities

- **Educational Activities & Continuing Education Courses**
 - **Johnstown:** Interviewing and Retirement Planning tutorials funded by PACE.

Section Activities

- **Pre-College Education**
 - **Central PA:** Support for W. Branch H.S. Project
 - **Erie:** MATHCOUNTS
 - **Erie:** Technical field career day for seventh- and eighth-grade females
 - **Johnstown:** Working with local high school to support technical curriculum and possibly mentor in classroom.
 - **Susquehanna:** Put on a demo of a simple electrical circuit that visitors could build (for a candy bar) along with an LED demo. Handed out information about the IEEE & electrical engineering careers. Had over a 1200 kids over the course of the week, Whitaker Center, 2/16-18/2008. Senior Members Bob Klinger and Larry Brown talked to about 1200 K-12 students & their parents.

Section Activities

- **Tutorials**
 - **Susquehanna: Signal Integrity Symposium,**
4/10/07 & 4/8/08

Section Activities

- **Awards Banquets/Ceremonies (other than Engineers Week)**
 - **Erie:** New Members' Dinner

Section Activities

- Industrial Tours
 - **Erie:** Bayfront Convention Center (Joint with PSPE)
 - **Johnstown:** HD TV studio
 - **Susquehanna:** Phoenix Contact Tour and Talk, Middletown, PA

Section Activities

- Meeting Topics (Lectures)
 - **Central PA:** The IEEE 802.11n Standard – Use of Multi-Input Multi-Output Technology to Enable Mobile Multimedia Networks
 - **Johnstown:** Windmill project
 - **Susquehanna:** Contact Physics
 - **Pittsburgh:** Intelligent Buildings

Section Activities

- Engineers Week Activities
 - **Pittsburgh:** IndEEE 500 cm Robot Car Race

Society/Chapter Activities

- **New Initiatives**
 - **Pittsburgh:** Nanotechnology Chapter is starting
 - **Pittsburgh:** SSIT (Society on Social Implications of Technology) Chapter started last fall
 - **Pittsburgh:** Women in Engineering group started last fall

Society/Chapter Activities

- Society Meetings/Status

Society/Chapter Activities

- Other Notable Society/Chapter Activities
 - **Pittsburgh** Section is sponsoring PES (Power Engineering Society) annual meeting

Student Activities

- **Student Competitions & Awards**
 - **Central PA:** Jeremy Bossard was awarded the Central PA IEEE Travel Grant to support his travel to the IEEE Antenna and Propagation Conference in Honolulu.
 - **Erie:** Penn State/Behrend & Gannon University Paper Competitions
 - **Johnstown:** Awarded \$ 250 academic performance scholarship to an IEEE student member.

Student Activities

- Other Notable Student Activities
 - **Central PA:** Support for the 2008 Region 2 Student Activities Conference organized by the IEEE Student Branch at the Pennsylvania College of Technology
 - **Johnstown:** Support of annual Senior Projects, including an award to winner of best project. Considering sponsoring a project next year.
 - **Susquehanna:** Penn State Harrisburg Student Branch Participated in the outreach program at Whitaker Center

Affinity Groups' Activities

- Gold
- Consultants Network
- Other Affinity Group Activities

Other Notable Activities

- **Joint meetings with other professional societies:**
 - **Johnstown:** PSPE always invited to meetings, but rarely are they active in any way. We do jointly sponsor Engineer's Week Banquet with over 75 attendees.

Successes

- **Erie:** Third MPAC, but the disappointment was the lack of participation by the membership
- **Johnstown:** Involving students in casual pi z z a nights with activities, encouraging involvement and membership from other engineers at one employer.
- **Susquehanna:** Awards received by section members:
 - Central Pennsylvania Engineer's Week Council: AB Shafaye (PSU Harrisburg) - Technical Achievement Award, and Robert Lee Horst (Peak Productivity) - Engineer of the Year award
 - 2007 International Conference on Consumer Electronics: Best Poster Award [Lakshmi P. Baskaran (Qualcomm Inc.), Aldo Morales and Sedig Agili both at Penn State Harrisburg]

Successes

- **Pittsburgh:** Membership and attendance are increasing
- **Pittsburgh:** Several very active societies (Magnetics, Communications, Power Engineering Society)

Difficulties/Concerns

- **West Virginia:** Attempting to relocate the section leadership to West Virginia University Institute of Technology located in Montgomery, WV.
- **Erie:**
 - Symptom:
 - Low participation at events
 - Insufficient volunteers for the Board
 - Inadequate opportunities for connections for tours and activities
 - Interrelated problems:
 - Providing value to the members for their membership
 - Identifying what the members would perceive as valuable
 - Enticing membership across professional generations by offering them value

What can the IEEE do for the Section?

- **Pittsburgh:** More funding so we can send more representatives to conferences/meetings – it helps us get volunteers more involved.

Help Wanted!

- Please submit your reports early!
- Please make sure that you update the Region Secretary as soon as there are changes in your section's leadership