

Southern New Jersey Section

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Southern New Jersey Section Activities

Pre-college Education

- WIE to Sponsor Robot Challenge in 2009 for local schools
- Three PACE Projects
 - *OCHS Observatory Project* (Sponsor: Joe Burns)
 - *Elementary School Robot Project* (Sponsor: Bill Walsh)
 - *City of the Future Design Competition*, Linwood Elementary School, **won 4th place in NJ state competition** (Sponsor: Phil Holmer)
- Supported Jersey Shore Science Fair – provided Judges, Award
- Supported “Student Invention Through Education” (SITE) for the Federal Aviation Administration Technical Center
 - 2007 – Engineering Q&A and “Bridge” building project
 - 2008 – Engineering Q&A and “Tower” building project

Southern New Jersey Section Activities (cont.)

Speakers Series Dinners

- **Engineer of the Year Awards / Getting to NextGen**
- **Verification and Validation (V&V) Protocol of Operations**
- **Complex Systems: Concepts, Concerns and Pitfalls**
- **Student Night 2008**
- **Engineering in Aviation Security System Development**
- **ERIDS (EnRoute Information Display System)**
- **Maritime Multi-mission Helicopter Response in the Mid-Atlantic Region**
- **Building your team: Education in the Workplace**

Southern New Jersey Section Activities (cont.)

WIE Affinity Group Luncheons

- V&V for the 21st Century: The WJHTC V&V Enhancement Effort
- Aeronautical Information Exchange Model (AIXM)
- Test and Evaluation Enhancement Program
- Virtual Reality
- Becoming A Pilot and the Ninety-Nines
- En Route Automation Modernization (ERAM)
- Examples in Leadership
- System Wide Information Management (SWIM)

Southern New Jersey Section Activities (cont.)

Other Community Support

- **Atlantic County Women's Center**
 - **Spring Fling Luncheon / Auction**
 - **Christmas Tree – donated decorated tree for auction**
 - **Sponsor needy families for the holidays – bought items for parents and children**

Best Practices, Successes, and Goals

➤ Best Practices:

- Industry Relations Program
- Annual face-to-face meetings held with corporate leaders in area
- Recruitment – in 2004 program was initiated to request that companies offer IEEE membership as a benefit to new hires
 - Very successful in capturing GOLD members!

➤ Successes

- WIE Affinity Group nominated for “WIE Section of the Year” and received “Honorable Mention” distinction
- SNJ is a very active section for its size (~200 members)

➤ Goals

- WIE Affinity Group is holding its Second Annual Professional Development Seminar (PDS)
- WIE Affinity Group is developing a Robot Competition

Recommendations to the SC

- Allow WIE and Chapter chairs to access SamIEEE for member info
- Have one web page from which suggestions for events and projects that chapters can do are accessible (grouped by level of effort and/or estimated number of members). Allow members to submit ideas for new projects and events.
- Help transition of new leaders by instituting guidelines, mechanisms, and resources for: capturing, archiving, searching, and delivering collective records, knowledge, and wisdom (Repeat/re-emphasis of recommendation #8 from Sections Congress 2005)
 - Facilitate archiving of section activities
 - Calendar-based suggestions and recommendations