

Students Take Honors in Regional Electrical Engineering Competitions

Electrical Engineering and Electrical Engineering Technology undergraduate students from Penn State Harrisburg walked away with three second place awards in the annual IEEE Region 2 competition at Rowan University in New Jersey in April. Penn State Harrisburg was the only entry to record runner-up honors in three categories. Colleges and universities from Pennsylvania, Ohio, Southern New Jersey, Maryland, Delaware, West Virginia, Virginia, and the District of Columbia competed in five categories.

Taking second place honors for Penn State Harrisburg's School of Science, Engineering, and Technology were:

- Ethics competition – Jonathan Scott, Mechanicsburg; Wesley Hill, Dillsburg; and Michael Adams Jr., Ephrata.
- Robotics competition – Anthony Hutnyk, North Wales; Erick Schmitt, East Greenville; and Kevin Hott, Palmyra.
- Project showcase (electronic price tags and database) – Anthony Buhay, Elizabethtown; Derek Handy, Harrisburg; and Ira Sharp, Mechanicsburg.

In addition, a device developed by a two-student team from Penn State Harrisburg to assist hearing impaired individuals earned a \$1,000 prize in a regional student design contest. The "Hearing Assistive Device" took third place honors for the undergraduate duo in the fifth annual design contest hosted by Rochester Institute of Technology's IEEE Student Branch. Marta Lee Kimmel, an Electrical Engineering student from Newmanstown, and Jonathan C. Shultz, an Electrical Engineering Technology major from Mount Joy, developed the device.

Chair's Award

Robert Klinger was awarded the IEEE Susquehanna Section Chair's Award at the Section meeting on May 12, 2005. The Chair's Award was created to recognize sustained and excellent service to the Section. After serving the Section through the usual officer positions, including Section Chair in 1988-89, Bob has continued to represent the Section with the Central Pennsylvania Engineer's Week Council, setting up Mall Displays, recruiting new members, working on plans for the annual joint Societies banquet, and supporting the Council in its monthly meetings. In addition, Bob has continued to serve on the Program Committee and contributes several programs each year. We salute Bob for his many contributions. The Award was presented by Chair Ed Simoncek and Past Chair Larry Brown, and includes a free dinner at our next event. This award will be given annually or from time to time upon recommendation of the Section Chair and a committee of Past Chairs.

Section Recognition Prize

David Burrell, whose home high school is Annville-Cleona, received the Susquehanna Section's 2005 Excellence Recognition Prize for a Pre-Electrical Engineering Student. Dave is a graduating Senior from LCCTC (Lebanon County Career and Technology Center), having successfully completed two years in the school's Pre-Electrical Engineering program. In addition to earning top grades in this program, Dave is also active in his church, played football and is on the track team. The presentation of \$500 prize was done on May 18, 2005, by Ernest Guenin, Section Awards Chair. David has been accepted this fall by Syracuse University and Penn State Harrisburg. We congratulate Dave and wish him the very best in his future chosen field and school.

PSH Engineering Review Announcement

Dear Student or Engineering Professional:

Planning on taking the Fundamentals of Engineering or Professional Engineering Exam in April 2006? Penn State Harrisburg is offering the Fundamentals of Engineering and the Civil/Sanitary/Structural, Environmental and Electrical Professional Engineering Review courses starting in the fall 2005. They are taught by engineering faculty as well as professional engineers working in the field and prepare you to take the exam by practicing problem solutions, minimizing test anxiety and establishing built-in study time. For additional information, contact Brenda L. Firestone, Penn State Harrisburg (717-948-6538, blf3@psu.edu) or visit the website at <http://www.hbg.psu.edu/ce/noncredit/profengrev.shtml>.

Mentor Program

The IEEE student branch at Penn State Harrisburg is continuing its Mentor Program for the 2005-2006 academic year. Initiated in 1994, the program allows students to spend a day with a mentor, observing the daily tasks of an engineer. Continuing commitment is needed to bring students and professional engineers together. The experience is beneficial to both parties allowing a comparison of classroom knowledge with the needs of the industry. This program needs the support of the IEEE Susquehanna Section members. Interested individuals may contact Caleb Pressel (cjp200@psu.edu, 717-273-3116), or AB Shafaye (mes121@psu.edu, 717-948-6349). Remember, this program benefits both the students and the industry. YOUR SUPPORT IS GREATLY APPRECIATED.

Are you interested in helping shape the future of high school students who are interested in engineering? If so, please contact Larry Brown, our IEEE coordinator with the Central Pennsylvania Engineers Week Council, Engineering Outreach Committee. Many opportunities present themselves during the year for speakers & mentors for both middle school and high school students. Larry's email address is lbrown007@comcast.net and phone number is 717-561-9803.

Annual Picnic & Casino Night

Our membership has been invited to attend the annual Picnic & Casino Night (sponsored by the ASHE, PSPE, and ASCE, with the proceeds going to local charities) on Sept. 30, 2005. The event starts at 4:30 PM at the Lower Allen Township Barn Park with a Social Hour followed with a Dinner Buffet and then the Games! The cost is \$25 per person and the dress is casual. For attendance, please contact Karen Corbo, McCormick Taylor, Inc., 75 Shannon Rd., Harrisburg, PA 17112, or email kscorbo@mtmail.bz, or phone 717-540-6040. Reservations are requested no later than Sept. 23, 2005.

Consultants Network

If you are a consultant, work for a consulting organization, or have some current/future interest in the consulting arena consider joining our monthly call-in meetings by no-travel-required 800 number conferencing. We seek to promote our mutual interests while furthering the goals of the local IEEE Section.

To receive call-in details, email Stan Telson, st@qspp.com or call 717-569-6579.

Consultants Directory – Please call or refer your projects to local members of our Consultants Network in the directory, below. Attend meetings to be added to the directory.

- Roy Hoffer, P.E.- forensicengineer@ieee.org - Fire Investigation, Product Design
- James E Hooper, CISSP - j.e.hooper@ieee.org - Computer Security, Electronic Systems
- Bernie Kost - bfkost@onemain.com - Product Assurance, Environmental Test (NEW)

- Ron Locati - rlocati@connectorconsultants.com – Electromechanical Devices, Electrical Connectors
- Gopi Mehrotra - gopi_mehrotra@taraconsultants.com – Security Consulting, Global Procurement (NEW)
- Stan Telson - st@qspp.com - Technology Strategy, Predictable Results
- Joe Wible - jbwib1@aol.com - Internal Combustion Engine Instrumentation

Useful Information Column

Susquehanna Section Chair

Ed Simoncek
Telephone: 717-243-0889
FAX: 717-243-5538
E-mail: simoncek@ieee.org

Vice Chair (Programs)

Stan Telson, Aldo Morales
Telephone: 717-569-6579
E-mail: st@qspp.com

Newsletter Editor

Mohammad-Reza (Soheil) Tofighi
Telephone: 717-948-6112
mtofighi@psu.edu

Webmaster

David Sarraf
david.sarraf@paonline.com

Q/A-C Column

Do you have any questions or comments? Call, email or FAX it to our Chair at the above addresses.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye mes121@psu.edu or Mohammad-Reza Tofighi mtofighi@psu.edu. If you would like to convert from paper copy mailing of the Newsletter to WEB page delivery, please notify AB Shafaye, who serves as our Publisher.

Address Changes and Updates

There are several ways to correct member information with IEEE. They update their directory from the information you provide, and pass the changes to us monthly. Keeping your address information up to date will ensure accurate mailings.

There is a WEB based interactive “change of address” form at: <http://services1.ieee.org/membersvc/coa/intro.htm>

You can send an email to: address-changes@ieee.org

Call IEEE Member Services at 1-800-678-IEEE

Mail changes to

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FAX changes to 1-732-981-9667

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