

**January 2012**See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**January 2012 Section Meeting****"193<sup>rd</sup> Special Operations Wing"**

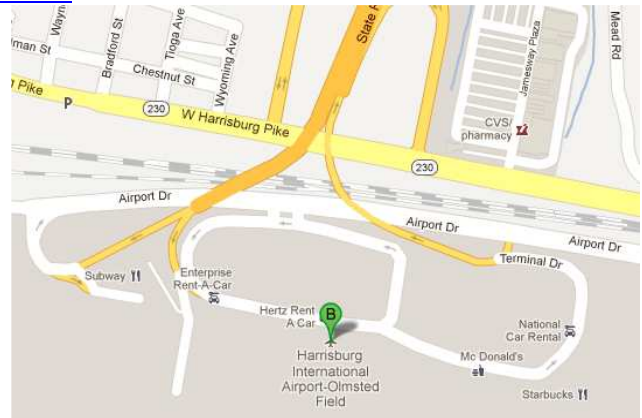
Plan to join us for our January 2012 meeting to be held at Harrisburg International Airport.

- Date:** Tuesday, January 17, 2012  
**Time:** 6:00PM-8:00PM  
**Program:** 193rd Special Operations Wing Tour  
**Place:** Harrisburg International Airport  
One Terminal Drive, Ste 300  
Middletown, PA 17057
- Cost:** Free  
**Contact:** To register contact Theresa Bowie by 5:00PM on **Friday, January 13, 2012**. The tour is limited to 20 people and spots will be granted on a first come first serve basis. Interested members will need to provide their full name, car make and model, and license plate number to Theresa when they register. This information is required to issue passes for access to the base.  
E-mail: [tvd105@psu.edu](mailto:tvd105@psu.edu)

The program will consist of a walk-thru on one of the EC-130 aircraft, the mock-up trainer used by the Special Mission Equipment Operators, the ISO dock where periodic inspections and maintenance are performed and the newly renovated facility where model upgrades take place. Attending members will be able to see the transition between a solo (unloaded) and a fully equipped aircraft. The tour will have a technical focus and allow members to gain insight into the technologies employed during missions.

Attending members will be required to show a valid photo ID at the gate for the tour. Further instructions, such as directions and instructions upon entering the facility, will be provided by Theresa upon registration.

Please note that there will not be a dinner arrangement in connection with this event. This is an exception to the usual meeting structure given the length of this tour and the early start time. Starting again with the Engineers Week Celebration Banquet in February, dinner arrangements will continue to be included in the meeting planning.

**Great News about CPEWC Awards**

At the Central PA Engineers Week Council's latest meeting, the awards committee made their final announcement. It is a great pleasure to announce that our longtime member, Dr. Jerry F. Shoup, from Penn State Harrisburg, received the Technical Achievement Award. The award presentation will take place during the Engineers Week Celebration Banquet on February 23.

Congratulations Dr. Shoup!

**Job Listing: Electrical Engineer**

We are a well-established A&E firm located in South Central PA with an opportunity to join our project team. The requirements are P.E. Licensed with experience (10+ years preferred) in electrical engineering of facilities, including power and lighting; strength in planning, scheduling, conducting and coordinating detailed phases of engineering work for assigned projects with strong abilities to manage multiple project workloads with varying schedules; and interaction with engineers of other disciplines, architects, project management and clients as well as providing direction to others. Some travel required.

Please visit our website: [www.webbersmith.com](http://www.webbersmith.com). We offer a competitive salary and benefit package. Email resume to [hr@webbersmith.com](mailto:hr@webbersmith.com) or fax to 717.291-4401.

All inquiries are confidential. No phone calls PLEASE.

**Upcoming: February 2012 Section Meeting**

**"2012 Engineers Week Celebration  
Banquet"**

Engineers Week this year is on February 19-25. All members are invited to attend the Engineers Week Celebration Banquet sponsored by the Central Pennsylvania Engineers Week Council (CPEWC). This is an evening to celebrate Engineers Week with your colleagues and honor several outstanding individuals in the engineering community.

**Date:** Thursday, February 23, 2012  
**Time:** 5:30PM: Social (cash bar)  
6:00 PM: Dinner  
7:00 PM: Presentation  
**Price:** \$30.00; Students \$15.00  
**Menu:** Entrée choice of Prime Rib, Parmesan Encrusted Chicken or Roasted Vegetable Ravioli (vegetarian) served with tossed salad, side dish, rolls, beverages, and dessert  
**Location:** West Shore Country Club, Camp Hill, PA  
**Speaker:** Rory A. Cooper, Ph.D.,  
University of Pittsburgh  
**Topic:** Advances in Prosthetics - An overview of advances in the development and implementation of prosthetic devices emphasizing technologies and techniques applied to military and veteran populations. Topics will include blast injuries, holistic approaches to rehabilitation, sports and recreation as performance goals, and advances through robotic applications.  
**Registration:** **RSVP to Pat Dougherty by 2/10/2012**  
RSVP form and details available at [www.cpewc.com](http://www.cpewc.com)

\* Attendees of the program are eligible for one PDH.

**From the Section Chair**

As the incoming Section Chair for 2012, I am writing to all of our Susquehanna Section members. I am honored to be the elected Chair of this Section and I am confident I can meet the needs of the members of this Section based on my industry, academic and IEEE experience. While you will find the incoming officers for 2012 listed on this newsletter, we are still looking for nominees for several positions. Thereby, I will gladly invite any member to general or officer meetings with the intent of getting you involved in a role that will work for you in the future. If you are interested in this, please email me at [Bettermann@ieee.org](mailto:Bettermann@ieee.org).

My specific goals for the Susquehanna Section are the following;

- Better Service to Members and Higher Membership Value;
- Increase industry -oriented seminars/workshops and improve links with the industry;
- Stimulate more activities based on a larger network of lecturers;
- Increase member engagement and satisfaction;
- Invest in Engineering profession:
  - ° GOLD members need technical mentoring and professional guidance;
  - ° Seasoned engineers need continuing education and training;
- Stimulate joint activities and encourage stronger relationships between sections, chapters and student branches;
- Promote better education on Science and Technology.

Many thanks go to Larry Brown, our Section Chair for both 2010 and 2011 for his fine service to the Section. Under his, and other Section Officers' leadership, the Susquehanna Section has consistently conducted strong activities, including participation in the Central Pennsylvania's Engineers Week activities., contributing to IEEE USA, and much more. I would like you to join me in looking forward to a mutually valuable IEEE year, and I hope to see you at our Section programs and activities.  
Best wishes,  
Wolfram Bettermann

## Useful Information Column

### Susquehanna Section Chair

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### Vice Chair (Programs)

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### Newsletter Editor

Mike Cherewka  
[mcc252@psu.edu](mailto:mcc252@psu.edu)

### Webmaster

David Sarraf  
[david.sarraf@paonline.com](mailto: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 address.

### Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye [mes121@psu.edu](mailto:mes121@psu.edu) or Mike Cherewka [mcc252@psu.edu](mailto:mcc252@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](mailto:address-changes@ieee.org)

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

Mail changes to:

IEEE  
445 Hoes Lane  
P.O. Box 1331  
Piscataway, NJ 08855-1331  
FAX changes to 1-732-981-9667

### Advertisements

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Wolfram Bettermann  
**Vice Chair - Program Chair**  
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**Treasurer**  
Jeremy Blum  
**Secretary**  
Billy Maney  
**Past Chair**  
Larry Brown  
**Newsletter Editor**  
Mike Cherewka  
**Newsletter Publisher**  
AB Shafaye

#### Awards

Art Van Gelder  
**Central PA Engineers Week Council Representative**  
Brian T. Sattizahn  
**Educational Activities**  
Aldo Morales  
**Local Professional Activities**  
-  
**Webmaster**  
David Sarraf  
**Consumer Electronics Chapter Lead**  
Aldo Morales  
**Member at Large**  
-

#### Membership Development

-  
**GOLD Coordinator**  
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Khalil Maalouf  
**Student Representative**  
Theresa Bowie