



**ENGINEERS  
WEEK® 2012  
FEBRUARY 19-25**

# Advances in Prosthetics

## 2012 Central Pennsylvania Engineers Week Council Awards

### John H. McCormick Educational Outreach

**Charles S. Merris, Jr., P.E., C.E.M.**  
American Institute of Chemical Engineers  
P.H. Glatfelter Company

### Technical Achievement

**Jerry F. Shoup, Ph.D.**  
Institute of Electrical and Electronics Engineers  
Penn State Harrisburg - Capital College

### Young Engineer of the Year

**Melody A. Matter, P.E., PTOE**  
Mid-Atlantic Sec. Inst. of Transportation Engineers  
Intelligent Transportation Society of Pennsylvania  
American Society of Highway Engineers  
McCormick Taylor, Inc.

### Engineer of the Year

**Hugh V. Archer, Ph.D., P.E., DEE, F. ASCE**  
American Society of Civil Engineers  
Mavickar Environmental Consultants, Inc.

- Date:** Thursday, February 23, 2012
- Time:** 5:30 p.m. Social (*cash bar*)  
6:00 p.m. Dinner  
7:00 p.m. Program
- 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.
- RSVP:** By February 10, 2012 to Pat Dougherty.  
RSVP form and details available at [www.cpewc.com](http://www.cpewc.com).

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

### About the Speaker

Rory A. Cooper, Ph.D. is FISA & Paralyzed Veterans of America (PVA) Chair, Distinguished Professor of the Department of Rehabilitation Science and Technology, and professor of Bioengineering, Mechanical Engineering, Physical Medicine & Rehab, and Orthopedic Surgery at the University of Pittsburgh. Dr. Cooper is Founding Director and VA Senior Research Career Scientists of the VA Rehabilitation Research and Development Center of Excellence in Pittsburgh. He is also the Co-Director of the NSF Quality of Life Technology Engineering Research Center and Editor of the journal, *Assistive Technology*, and the AT Research Book Series of IOS Press.

Dr. Cooper has authored or co-authored nearly 250 peer-reviewed journal publications, authored or co-edited several books including the award winning "Care of the Combat Amputee" and has ten patents awarded or pending. In 1988, he was a bronze medalist in the Paralympic Games, Seoul, Republic of Korea. He currently serves as a member of the U.S. Secretary of Veterans Affairs Prosthetics & Special Disability Programs Advisory Committee and the Board of Directors of Easter Seals. Dr. Cooper has received a number of honors. In 2009, he was featured on a Cheerios cereal box in honor of his many achievements.

