

**2009-2010 Executive Committee**

EC Meets @ 8:30 a.m. on the 1<sup>st</sup> Friday of every month at CRSC

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**OCTOBER 2009 PRESIDENT'S MESSAGE**

The ASSE Region VI Professional Development Conference (PDC) in Myrtle Beach was a great success with almost a record attendance. Our Chapter had a number of attendees and the Chapter manned its booth in the exhibit hall promoting the upcoming Society Conference and PDC in Baltimore in June 2010.

Our Chapter also had its booth at the Chesapeake Region Safety Council 20<sup>th</sup> Annual Conference and Expo in September at the Johns Hopkins Applied Physics Lab in Laurel. We saw a number of our Chapter members at that event. We appreciate your supporting our sister safety organizations and taking advantage of this great educational opportunity.

Members of the Chapter 2010 Society Planning Committee will be meeting with the Society 2010 PDC Planning Committee this month in Baltimore to finalize our technical tours and night out event. We are excited about these activities and invite our members to join our planning committee as volunteers to support the PDC next June. If interested please contact Fred Miller [fnjmiller@comcast.net](mailto:fnjmiller@comcast.net)

We are also looking for supporters and sponsors for the Chapter Night Out Event at the Society PDC and Conference in June 2010 in Baltimore. We will be able to tell you the event once approved by the Society but we can tell you now it will be a unique and fun event. If you know of any organizations, groups or individuals that want to participate in some fashion such as providing donations or services for the event or a silent auction or possibly entertainment please let us know. Our goal is to dedicate profits from the event to expand our services, scholarship and professional development activities for our members and the local safety community. Please contact Bob Lawson if you have ideas along these lines.  
[rllawson2@verizon.net](mailto:rllawson2@verizon.net)

We also started our annual CSP Preparation Course with 15 participants this past week. We are excited that so many are interested in furthering their professional development and certifications.

We are also finalizing our programs for the upcoming year's monthly meetings. If you want to host a meeting at your location or have any ideas for a meeting presentation please contact Sue McCauley [smcca@menv.com](mailto:smcca@menv.com)

We look forward to seeing you at our monthly Chapter Meetings.

Bob Lawson  
Chapter President

# Cynthia Roth, Ergonomic Technologies Corp (ETC)

## **ERGO Research & Education at The Ohio State University**

For many years, The Ohio State University's (OSU) Department of Integrated Systems Engineering (ISE) has housed one of the strongest human factors and ergonomics programs in the country. The program was one of the first to be accredited by the Human Factors and Ergonomics Society (HFES) and includes faculty from across OSU's campus. Primary program faculty includes William S. Marras (recently elected to the National Academy of Engineering), Steven A. Lavender and Carolyn M. Sommerich. They work in the ISE department and specialize in ergonomics and occupational biomechanics.

Also from ISE are Philip J. Smith (cognitive systems engineering), David Woods (patient safety, resilience engineering and management) and Blaine Lilly (design for usability and manufacturability). From the School of Public Health are John R. (Jay) Wilkins III (occupational risks to young people, agricultural health and safety) and John (Mac) Crawford (health risks to firefighters and police officers, neurotoxin exposure in farmers). From the OSU College of Medicine is Eric Schaub, MD (prevention and treatment of occupational diseases, evaluation of hazardous chemical exposures, occupational pulmonary and neurological diseases). From the Department of Design is Elizabeth B.N. Sanders (use of participatory research methods for the design of products, systems, services and spaces).

On-campus entities and facilities that support our programs and educational goals include the Institute for Ergonomics, Center for Occupational Health in Automotive Manufacturing (COHAM), Biodynamics Laboratory, Cognitive Systems Engineering Laboratory and Orthopaedic Ergonomics Laboratory.

Students are engaged in learning through courses in occupational biomechanics and modeling, cognitive engineering, industrial accident prevention and control, analysis and design of workplace environments, workplace musculoskeletal disorder risk factor assessment tools, human error and human contribution to system failures, principles of occupational health, research and applied practicum experiences, statistical research methods, epidemiology, environmental health and construction safety. Students also engage in learning through participation in research projects, either course-based or sponsored by industry or government agencies.



*Automotive assembly research at  
COHAM*

Research projects are often multidisciplinary and involve faculty and students from across campus. Current research activities include projects sponsored by Honda of America Manufacturing and the Honda-OSU Partnership to advance understanding of the effects of torque tool use on associates and to explore alternative methods of positioning associates relative to the vehicles they assemble. These studies involve faculty and students from ISE and Mechanical Engineering (ME). The Material Handling Industry of America (MHIA) is



*First responder research*

sponsoring a project to initiate the Distribution Ergonomics Research Center to develop and evaluate interventions that will allow distribution workers to work more efficiently and more safely.

NIOSH sponsors several current projects. One project's goal is to improve a new model of work-related carpal tunnel syndrome and involves OSU faculty from ISE, ME and physical therapy. Another NIOSH-sponsored project's goal is to reduce the physical burden of work performed by imaging technologists and involves faculty and students from ISE, design and radiologic sciences. Research on elements of first responder work, including communications and methods of patient handling, are also underway.

In addition to drawing upon expertise from across campus, our program enlists the support and involvement of professionals in human factors/ergonomics, design and safety from central Ohio and beyond. Safety professionals from the Ohio Bureau of Workers' Compensation, Battelle Memorial Institute and Safex participated in the most recent offering of our accident prevention and control course.

Students participate in monthly meetings of ASSE's Central Ohio Chapter. The Human Factors and Ergonomics Society's student chapter recently provided students with opportunities to speak with designers concerned with reducing human error in the use of medical devices, engineers who apply unique methods for assessing fall protection harness design and human factors consultants who encounter questions such as, "How much pull force does it take to tie a barge to a mooring?" and "Is there a less physically stressful way to wash the outside of an airplane?"

NIOSH recognized our program by awarding us a training grant. This allows us to provide financial support to qualified students who are seeking a master's degree in ISE and who wish to apply their engineering skills to the areas of human factors/ergonomics and occupational safety.

To learn more about what we do and what we offer, including graduate programs, short courses, consulting services and research expertise and capabilities, please refer to the contact information listed below.

NIOSH-sponsored Training Program: Carolyn Sommerich, (614) 292-9965, [sommerich.1@osu.edu](mailto:sommerich.1@osu.edu)

Institute for Ergonomics: Gary Allread, (614) 292-4565, [allread.1@osu.edu](mailto:allread.1@osu.edu)

Biodynamics Laboratory & COHAM: William Marras, (614) 292-6670, [marras.1@osu.edu](mailto:marras.1@osu.edu)

#### **OSU Websites**

- Biodynamics Lab (<http://biodynamics.osu.edu/>)
- Center for Occupational Health in Automotive Manufacturing (<http://coham.osu.edu/>)
- Center for Resilience (<http://resilience.osu.edu/CFR-site/index.htm>)
- Cognitive Systems Engineering Lab (<http://csel.eng.ohio-state.edu/>)
- Department of Integrated Systems Engineering (<http://www.ise.osu.edu/>)
- Institute for Ergonomics (<http://ergonomics.osu.edu/>)
- NIOSH-Sponsored Training Program (<http://www.ise.osu.edu/ISEFaculty/sommerich/TPG/home.html>)

## ASSE Ergonomics Branch Seeks New Members

We are a hard-working, fun-loving group who enjoys exchanging ideas, solutions and new innovations. The Ergo Branch is always looking for new members to join our ever-growing group, and we hope to be a standalone practice specialty soon.

To learn more about the Ergonomics Branch, contact [svalorose@ergoutreach.com](mailto:svalorose@ergoutreach.com), our membership Chair.

## **SECRETARY NAPOLITANO AND ADMINISTRATOR FUGATE MARK THE BEGINNING OF NATIONAL PREPAREDNESS MONTH**

WASHINGTON—Department of Homeland Security (DHS) Secretary Janet Napolitano and Federal Emergency Management Agency (FEMA) Administrator Craig Fugate today marked the beginning of the sixth annual National Preparedness Month—focusing on becoming better prepared for and more resilient in the face of emergencies of all kinds.

“National Preparedness Month is about building a culture of personal preparedness and shared responsibility across our country,” said Secretary Napolitano. “This month, we ask all Americans to visit [Ready.gov](http://Ready.gov) to learn what they can do to help their families, businesses and communities stay safe during an emergency—whether it be hurricanes like Katrina, the fires we are fighting in California or pandemic influenza.”

“Every American is a critical member of our nation’s emergency response team,” said FEMA Administrator Fugate. “By taking a few simple steps now, each of us can make sure we are better prepared for the next emergency or disaster.”

For more information on the *Ready Campaign* and National Preparedness Month, visit [www.ready.gov](http://www.ready.gov) or [www.listo.gov](http://www.listo.gov)—or call 1-800-BE-READY or 1-888-SE-LISTO for more emergency preparedness information.

**As part of our efforts to keep Alliance Program participants informed, we wanted to remind you** that OSHA continues to work with the Department of Labor's (DOL) Working Partners for an Alcohol- and Drug-Free Workplace Program to raise awareness of *Drug-Free Work Week*. Now in its fourth year, *Drug-Free Work Week* 2009 will be held October 19-25 and provides an opportunity to reinforce the importance of being drug-free as an essential component of a safe and healthful workplace. The annual *Drug-Free Work Week* is a public awareness campaign that highlights the fact that being drug free is key to protecting workplace safety and health and encourages workers with alcohol and drug problems to seek help.

We encourage all OSHA Alliance program participants to take part in *Drug-Free Work Week* and help spread the word among your members and other constituents that "working drug free works." Ways to do so include:

- **Feature *Drug-Free Work Week* in your publications.** DOL's Working Partners program offers both [short](#) and [long](#) "drop-in" articles that can be quickly tailored by inserting your organization's name. For organizations with printed publications, camera-ready print Public Service Announcements (PSAs) also are available. Choose either ½ page ([black & white](#) or [color](#)) or ¼ page ([black & white](#) or [color](#)) based on space available.
- **Post a *Drug-Free Work Week* link on your Web site.** A [Drug-Free Work Week 2009 logo](#) is available for this purpose.

- **Distribute educational materials to your members** - "Working Drug Free Works" [posters](#) and a variety of other educational materials, including a [fact sheet for supervisors](#) and [pocket card for employees](#), can be ordered or downloaded and reproduced as needed to provide to members. A series of "[Tool Box Talks](#)" intended for delivery on construction and other worksites also is available.
- **Send a "President's Message" about Drug-Free Work Week** - Associations might use the occasion to send a special e-mail to members encouraging them to participate. Alternatively (or in addition), *Drug-Free Work Week* can be incorporated into upcoming speeches or the President's column in your association's publication using the [Drug-Free Work Week talking points](#).

Of course, as employers, you are highly encouraged to recognize *Drug-Free Work Week* among your staff. DOL's [Working Partners](#) Web site provides a [list of ideas for how to do so](#) as well as resources to help promote *Drug-Free Work Week's* positive messages-every week of the year.

### Welcome New Chesapeake Member-

Christopher Gompers IWIF riskmgr@zoominternet.net

393 total Members

We look forward to meeting you at upcoming chapter events; remember your first chapter meeting is **free!**



# SLIPS, TRIPS, AND FALLS: BEST PRACTICES AND STANDARDS A VIRTUAL SYMPOSIUM

OCTOBER 20-22, 2009

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|----------------------|--------------------------|--------------------------|-----------------------------|-----------------------------------|----------------------------------|
| <a href="#">Home</a> | <a href="#">Schedule</a> | <a href="#">Sessions</a> | <a href="#">Sponsorship</a> | <a href="#">Registration Fees</a> | <a href="#">Register Online!</a> |
|----------------------|--------------------------|--------------------------|-----------------------------|-----------------------------------|----------------------------------|

## Slips, Trips, and Falls: Best Practices and Standards Virtual Symposium

As SH&E professionals, we know - slips, trips and falls account for a vast majority of workplace incidents. So how do we avoid them? How can we minimize the cost of slips, trips and falls— both personal and financial? Where can we gain the knowledge to proactively deal with this all-too-common workplace occurrence? At the ASSE Virtual Symposium - Slips, Trips, and Falls: Best Practices and Standards!

The ASSE Virtual Symposium is simple. All you need to participate is a computer with an Internet connection. WHEN and WHERE you participate is entirely up to you. You can attend a session "live" during the day of the session, or view the recording of the session later that night, for up to 30 days after the symposium ends. Either way, you'll be able to enjoy the great benefits below – including earning 1.0 CEUs!

*Testimonial from our last Virtual Symposium*

**“BEYOND PHENOMENAL. YOU'RE LEADING THE INDUSTRY AND I'D LIKE TO SEE MORE OF THESE.”**



## Upcoming Events



# ASSE CHESAPEAKE CHAPTER MEETING

Wednesday, October 14, 2009

## *Disaster Emergency Management and Business Continuity (COOP)*

Is your company prepared for a disaster? Join Mike Kernan and Ed Hobbs, Maryland Fire & Rescue Institute (MFRI), who will provide information to assist your organization in developing/updating a COOP. There will be an introduction to the components of a disaster/emergency management and business continuity program. Information will be covered on the components of a disaster and emergency management and business program. Discussion will be on all aspects of prevention, mitigation, preparedness, response, recovery and restoration for emergencies for your organization/plan.

This meeting will be a **lunch meeting**. Please join us for this informative presentation.

**Location: Squires Cafe  
6723 Holabird Avenue  
Dundalk, MD 21222**

**Time:** 11:30 a.m. Buffet Lunch and social, 12:30 p.m. Speaker's Presentation

Cost: \$20.00

Checks should be address to Chesapeake Chapter ASSE  
Phone 410-729-8226 or email [smcca@menv.com](mailto:smcca@menv.com) to reserve your place!

Please register by close of business October 12<sup>th</sup> in order to get an accurate count for lunch.



NING – click on the pic above for the networking site for ASSE Region VI members!

**[Links to other ASSE Region VI Chapters \(See what your neighbors are up to\);](#)**

<http://colonialva.asse.org/>  
<http://delmarva.asse.org/>  
<http://tidewater.asse.org/>  
<http://ncc.asse.org/>  
<http://www.nc-asse.org/>  
<http://www.nova.asse.org/>  
<http://piedmont.asse.org/>

<http://www.midnet.sc.edu/asse/>  
<http://www.starvalley.asse.org/>  
<http://tarheel.asse.org/>  
<http://www.triadasse.org/>  
<http://wcchapter.asse.org/>  
<http://www.assekuwait.org/>  
<http://www.lowcountryasse.org/>

### **Region VI Officers**

Region Vice President: Jim Morris  
Deputy Region Vice President: Bruce Donato  
Deputy of Finance: Ted Devens  
Cncl on Chptr Members and Affairs: Mary Winkler

Council on Professional Affairs: Gary Barger  
Council on Practices and Standards: Tom Harvey  
Council on Professional Development: Steve LePock  
Deputy of Communications: Bill Geddings

### **Upcoming ASSE Events**

Proactive Safety Management Workshops

November 12-13, 2009  
Miami, Florida

SeminarFest 2010

February 14-20, 2010  
Las Vegas, Nevada

### **ASSE News:**

Pandemic Preparation Tips from ASSE

American Society of Safety Engineers' Members Express Concern about MRSA Infections, Recommend Ways to Prevent Infection in the Workplace

Prepare Now for Pandemic Flu Outbreak, Safety and Health Professional Notes During American Society of Safety Engineers' Webinar

"Businesses Need to Prepare For Pandemic Flu Now" Presenter Notes at American Society of Safety Engineers Safety Seminar

### **ASSE Additional Resources:**

*Fact Sheet: Advancing the Nation's Preparedness for Pandemic Influenza*

*Are you prepared for the threat of an influenza pandemic?*

Planning for Pandemic Surge Population: by Aruna Vadgama, RN, MPA, CSP, CPHQ, CPE, COHN-S

Business Readiness Plan: by Aruna Vadgama, RN, MPA, CSP, CPHQ, CPE, COHN-S

*Pandemic Versus Preparedness* by Scott A. Mugno, J.D., featured in ASSE's NAOSH 2007 special edition of the *TransActions* newsletter

Reasons for Concern, Reasons for Preparedness (ppt), Scott A. Mugno, J.D. – Managing Director, Corporate Safety Health and Fire Protection – FedEx Express

### **External Resources:**

OSHA Forum on H1N1 "Workplace Preparedness: How Small Businesses Can Prepare for H1N1 Influenza" -- Sept. 30, 2009.

<http://pandemicflu.gov>

U.S. Centers for Disease Control and Prevention (CDC)

World Health Organization

Your state or local health department to notify them of any symptomatic employees or suspected exposure incidents

OSHA's 'Federal Guidelines Encouraging Employers to Plan Now for Upcoming Flu Season'

### **CALL FOR TOMORROWS CHAPTER LEADERS**

Looking to enhance your career development and professional growth? Here's an easy way...by becoming more involved in the Chesapeake Chapter. Our friendly and experienced senior membership will help you to develop your leadership, collaboration and planning skills while having fun along the way.

There are many participation opportunities, big and small. Start in a limited way, working with others on a committee or a special project in support of the Chapter and its members. The option of gradually working your way up to larger responsibilities is always available. You decide! It's **free** leadership training, so take advantage of the opportunities.

[Dick@lgit.org](mailto:Dick@lgit.org)

### **Member Recognition**

Contact Mike Ginther (Awards Chair) at 443-778-6454 or [mike.ginther@jhuapl.edu](mailto:mike.ginther@jhuapl.edu) if you would like to nominate an individual for chapter awards.

### **SAFETY 2010 IS COMING TO BALTIMORE!**

Safety 2010, The ASSE National Professional Development Conference, will be held here in Baltimore, June 13-16!! Did you know? ASSE Safety 2010 will be held right in the heart of the Chesapeake Chapter. [Our new page on the chapter website will help you get involved, get informed, and get the most benefit out the national conference in Baltimore.](#) E-mail your top spots to [Wendy](#).

### **NEWSLETTER INFORMATION**

We are always looking for items of interest to chapter members to include in our chapter's newsletter. Please submit articles, job openings, or other announcements to [Mike.Wolf@itt.com](mailto:Mike.Wolf@itt.com) by the 25th of the month.