



Puget Sound Human Factors and Ergonomics Society

June 2011

Spring/Summer Newsletter

www.pshfes.org

Renew Your Membership or Join Today!

Our chapter is a non-profit organization associated with the Human Factors and Ergonomics Society and serves the interests of the local community of the Pacific Northwest. Our funding is generated via the chapter's membership dues and activities.

For only \$18 (\$9 for students), you can enjoy opportunities for professional development, network with fellow professionals, and tour local facilities when you join PSHFES.

Additionally, receive newsletter and mail updates about what's going on in the area, volunteer opportunities, access to and a listing in the membership database, and an invitation to the yearly business meeting.

Join for the 2011 calendar year by visiting our Web site at www.pshfes.org, click "Membership," and pay online (PayPal) or by check.

PSHFES President's Message

PSHFES members and friends!

Summer has finally arrived in the Pacific Northwest, and I am feeling invigorated! Not only has the weather "revived" me, but I've also been "inspired" by my recent trip to the Annual Applied Ergonomics Conference (AEC) in Orlando. Our Boeing team competed in the "Ergo Cup" competition with 23 other company teams from around the globe, all sharing our newly discovered best practices and successes to reduce ergonomics injuries in our workplaces. And no, we didn't win "The Cup" this year, but I am never disappointed attending this event. I have always come away from AEC with fresh ideas, innovative solutions to try, and useful information to bring back to our Boeing factory on how to make our program better, reduce ergonomics risk, and improve our productivity, all while saving our company huge costs.



Cindy Williamson
PSHFES President

And speaking of fabulous presentations at AEC, the Technically Cool Computing project, an ergonomics learning module for schools that our own PSHFES chapter completed earlier this year was not only presented but also videotaped, and should be available soon on the new GOErgo website <http://www.iienet2.org/GoErgo/>. Thanks again to Council members, Janet Peterson, Susan Murphey, and Kim Popovic for all your hard work to develop and share this fabulous tool with our community's schools and other ergonomics practitioners at AEC. Lastly, make sure you visit GOErgo, the Global Organization of Ergonomics, which was newly developed as a resource to support the ergonomics professional, and includes lots of information on training courses, case studies, and career/employment opportunities.

We hope that PSHFES can provide you with that same inspiration, at a local level, from some of the awesome networking and educational opportunities that we have planned this year. If you weren't able to catch our last networking event, the tour at Microsoft's accessibility lab, you can check out the article and photos on page 3.

PSHFES President's Message Continued...

We will also be adding lots of new tours and dinner speaker events to our website Events page soon, so stay tuned. Make sure to mark your calendars for our annual PSHFES Occupational Ergonomics Symposium and Workshop on September 14th and 15. We've got some great speakers lined up, as you'll read about later in this newsletter, including Dr. David Rempel as our keynote speaker (see page 5). We will also be updating our website soon with lots more details. And we are still looking for volunteers who would like to get involved in planning this year's symposium, so contact our Symposium Chair, Judy Damoff symposium@pshfes.org if you're interested.

In this issue, you will also get to meet our Symposium Chair, Judy Damoff. Judy's been a great asset to our Council and has been working really hard to put together another outstanding symposium this year. So check out her bio and photo on page 2, and let her know what a great job she's been doing to promote a culture of sharing best practices and ergonomics successes amongst the HFE community here in the Pacific Northwest.

Lastly, if you have some thoughts or ideas to share about how PSHFES can better serve you, either professionally or in the community, please feel free to contact either myself president@pshfes.org or one of the other Council members. We always enjoy hearing from you!

Welcome New PSHFES Council Members!!!



Judy Damoff
PSHFES Symposium Chair

Judy Damoff is the PSHFES Symposium Chair for 2011 and has served on the council for the past two years. .

She is presently an ergonomics program administrator for The Boeing Environment, Health and Safety organization working in Renton, Washington.

She transferred from Kennedy Space Center (KSC), FL in 2008 supporting approximately 1,000 employees as the site-wide ergonomics focal for the Consolidated, Assembly, Payload Processing System (CAPPS) and International Space Stations (ISS) contracts. She also served as the mishap/close call program administrator in this capacity.

Other positions she has held during her career include:

- ◆ Human Resources Representative for Lockheed Martin Space Operations at Johnson Space Center, TX.
- ◆ Exercise Program Manager for a hospital owned fitness center in Titusville, Florida.

Before entering the corporate world she taught school for 12 years to include teaching at a Department of Defense school in Germany and an all-age school in the Bahamas.

Her education includes a Master's degree in Exercise Physiology from the University of Central Florida and a Bachelor's degree from Stephen F. Austin State University in Nacogdoches, Texas.

PSHFES Microsoft Tour

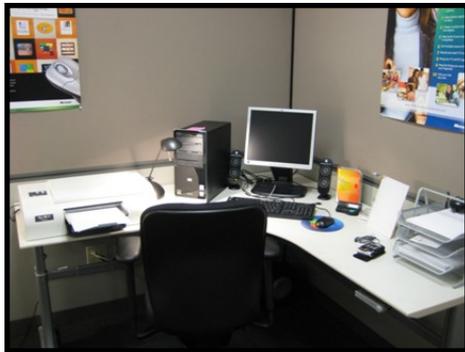
PSHFES members were introduced to the applications of accessibility tools during a tour of Microsoft's Accessibility Innovation Showroom in April. Dan Hubbell, Technical Evangelist for the Accessible Technology Group at Microsoft, led the group through five rooms belonging to personas with various accessibility issues and examples of unique technology solutions available.



PSHFES members look on as Dan Hubbell demonstrates Windows Speech Recognition controls coupled with Tracker Pro as solutions for individuals with mobility issues.



Microsoft Technical Evangelist Dan Hubbell demonstrates the Jordy, a portable low vision magnifier.



The office of Michael, who is blind, includes a brail display, spotdot printer and display reader software.



PSHFES members relax in the living room of aging seniors as Dan Hubbell introduces the purpose of the Showroom.

The Showroom uses real-world scenarios to illustrate how people of all abilities can use accessible and assistive technology to customize their computing experience according to their own preferences and needs. The tour lead the attendants through rooms containing technology solutions for individuals with low vision, blindness, mobility issues, aging seniors and even demonstrated solutions for a child with a learning disability. PSHFES members were able to receive a hands-on experience with just a few of the accessibility products available on the market

*Kelly Lynch, MS, CSCS, AEP
2011 PSHFES Events Co-Chair*

2011 PSHFES Events

Dinner Meeting with Forensic Human Factors Expert Gary Sloan, PhD.

WHEN: June 29, 2011

TIME: 6:30 p.m. – Networking
7:00 p.m. – Dinner
8:00 p.m. - Presentation

WHERE: Mercato Ristorante
111 Market St. NW
Olympia, WA 98501

Questions: Contact Kelly Lynch, PSHFES Events Co-Chair, kelly@solutionsnw.com

PSHFES is pleased to welcome Forensic Human Factors Expert Dr. Gary Sloan. Dr. Sloan specializes in accident recreation and computer graphics and simulation. Dr. Sloan will review case studies with identifiable human factors issues, the resulting investigation, and an example of the human factors analysis conducted.

Prior to working as a Forensic Human Factors Expert, Dr. Sloan was a former Professor at Cornell University in the Department of Design & Environmental Analysis. Dr. Sloan is an accomplished researcher and presenter, and PSHFES is incredibly excited to have him speak to our members.

This is an event free of charge. You are encouraged to come early to socialize. Dinner and drinks are your responsibility and you will be billed individually.

Come Visit the King County Library System's Mobile Library

WHEN: July 28, 2011

TIME: 3:00 PM - 5:00 PM

WHERE: KCLS Service Center
960 Newport Way NW
Issaquah, WA 98027

Registration is only open to PSHFES Members. Become a Member at <http://www.pshfes.org>

Questions: Contact Kelly Lynch, PSHFES Events Co-Chair, kelly@solutionsnw.com

PSHFES members will tour the King County Library Systems' Mobile Libraries. The KCLS Mobile Library vehicles recently underwent ergonomic changes. The event will include a tour of both the old and new vehicles, followed by a discussion of the changes that were implemented and a facilitated analysis of the effectiveness and future recommendations. This is a wonderful opportunity to brainstorm and share ergonomic approaches with fellow HFES professionals.

2011 OCCUPATIONAL ERGONOMICS SYMPOSIUM & WORKSHOP

Seattle's Museum of Flight
September 14th & September 15th

Key Note Speaker

New Findings on Risk Factors for Hand and Arm Disorders
Dr. David Rempel

Symposium Speakers

The Aging Workforce
Dr. William Smith, The Boeing Company

Implementing Participatory Ergonomics in the Grocery Industry
Samantha Modderman, Eastern Washington University

Who are you and what gives you the right to call your product ergonomic?
Ian Chong, CPE

Ergonomics Program at Genie Industries
George Chuckrow

Ergonomics Program and the Use of Immersive Technology at Ford Motor Company
Allison Stephens

Nicaraguan Coffee Bag Research Project Update
Barbara Silverstein, Stephen Bao, Kate Stewart, and Steve Russell

2011 PSHFES Symposium Keynote Speaker: Dr. David Rempel



Dr. David Rempel, professor and researcher at UC Berkeley, will be speaking on "New Findings on Risk Factors for Hand and Arm Disorders" to kick off our 2011 Symposium, September 14th at the Museum of Flight. Dr. Rempel has been part of a multi-site study looking at upper extremity injuries and risks, and the results of that research will help us to better understand the highest risks involved in various activities as well as some practical solutions. You won't want to miss this! To sign up for the Symposium, go to www.pshfes.org and click on "2011 Symposium" under "Events".



The PSHFES Mission Statement

- ◆ Provide opportunities for professional development, networking, workshops, and education for local Human Factors and Ergonomics professionals, students, and enthusiasts.
- ◆ Raise public awareness of the value and benefits of Human Factors and Ergonomics.
- ◆ Provide volunteer opportunities for HFE professionals to contribute to the Puget Sound area community.

Volunteer Opportunity

Have you been looking for a way to give back to this organization and be more involved?

Help is needed with the upcoming symposium. We especially need someone who is willing to take on the vendor portion of this event. If you are willing to help, contact Judy Damoff, jdamoff@cfl.rr.com or 321-795-4786.

Have an idea for an article?

We want to encourage all members to contribute ideas for articles and any items of interest for the next PSHFES Newsletter. For information or to submit content, please e-mail Wilmarie Villanueva at secretary@pshfes.org.

Thank you for all your continued support and contributions!

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