

PSHFES Board Members

Name	Position
Janet DeLapp	President/Secretary; Outreach, Chair
Rammohan Maikala	President-Elect/Secretary
Gary Davis	Past President
Trevor Bryant	Treasurer
Kelly Lynch	Communications, Chair & Newsletter Editor
Celeste McLaughlin	Programs, Co-Chairs
Miriam Joffe	Symposium, Chair
Cindy Williamson	Symposium Vendor, Chair

To register for the symposium visit
the PSHFES web page:

www.pshfes.org

or contact

Trevor Bryant, Treasurer

treasurer@pshfes.org

Annual Membership based on calendar year is:

Full Member - \$28.00

Full Student Member - \$ 14.00

Membership Inquiries:

Kelly Lynch

Communications Chair

membership@pshfes.org

Join online with PayPal or

Make checks payable to: PSHFES

PSHFES Treasurer

Trevor Bryant

12131 SE 201st St

Kent, WA 98031

The Puget Sound Chapter of the Human
Factors and Ergonomics Society



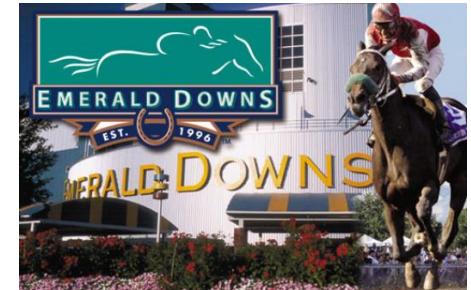
*The Puget Sound Human Factors
and Ergonomics Society presents:*

2016 Occupational Ergonomics Symposium

***Themes:
Organization of Future
Work Space, Advanced
Manufacturing and
Success Stories***

September 15, 2016

***Emerald Downs
Auburn, Washington***



<http://www.pshfes.org>

2016 Symposium - Keynote



Thursday, September 15, 2016
Emerald Downs; Auburn, WA

Title: Re-Humanizing Human Institutions

Keynote Speaker: John Nance, JD, ABC Analyst,
Professional Speaker, Author, Consultant

Since the onset of the Industrial Revolution in the mid 19th Century, all modern societies have struggled to make things more efficient in human institutions by finding ways of removing human-caused uncertainties and vulnerabilities. Unfortunately, that was the wrong path, as over-automation efforts in aviation continue to demonstrate. In extremely complex professions, such as healthcare, the challenge has been (and is) fully embracing and institutionally understanding our human failings. Indeed, the staggering preventable death toll in American hospitals of 440-thousand per year will not change until we learn these lessons. Join John Nance as he shares his insight on these topics and more.

Time: 8:00 a.m. to 4:30 p.m.

Cost (before August 18): \$160

Cost (after August 18): \$210

**Includes continental breakfast, hot lunch
and snacks**

2016 Symposium - Speakers

Where is the Office of the Future?

Traditional "office work" is disappearing, or at least changing due to an evolution in technology and the emerging workforce. Today, "work" occur in cars, hotels, airports, home offices and coffee shops. This series of presentations will challenge the audience to consider designs for the mobile workforce, impact to risk management and social implications.

Moderator: Bruce Coulter

Speakers:

- **Bruce Coulter, Ergonomist, CPE; WA L&I**
 - Discuss how the internet is changing service work in new and interesting ways.
- **Julia Payne Cooper; HOK and Chris Lowe, CAE; Intellifactors**
 - Consider how the physical environment & design help workers excel in an ever-changing world.
- **Ninica Howard, Ergonomist, CPE; WA L&I**
 - Examine the social and productivity implications of increased mobility on traditional office work.

Success Stories in Industry

Applying the basic principles of human factors and ergonomics to problems in the service, retail and manufacturing environments can yield a workplace that is safer, more productive and more enjoyable. These success stories highlight our premise.

Moderators: Ernesto Carcamo

Speakers:

- **Jeremy Fanning, Cascades Sonoco**
 - Ask the process engineer who developed the ergonomics improvement plan what was needed to launch and sustain it.
- **Megan Wagstaff, Lady * Yum**
 - Examine the business reasons used to investigate ergonomics solutions in the fresh bakery industry.
- **Janet Hyre, Washington State Dept. of Ecology**
 - Discuss key elements used to integrate ergonomics into a large/complex organization, then sustain low Workers Compensation rates.

2016 Symposium - Speakers

Advanced Manufacturing

The need for improvements in productivity, quality, profits and protection of human life have challenged scientists, inventors & entrepreneurs to design software & equipment that seemed impossible a few years ago.

Moderators: Todd Canterbury and Michael Hutchinson

- **Todd Canterbury, HF/E Engineer, The Boeing Company**

• Observe how gesturing-related technologies may improve communication where hearing and sight are limited as well as other applications.

- **David Arena, RP Applications Engineer, GoEngineer**

• Consider how 3-D printing may now provide low cost options and quick fixes for a variety of applications.

- **Abigail Gaston, Ergonomist, The Boeing Company and Tim Prather, MP Industrial**

• Experience how exoskeletons might reduce ergo-related risk factors and improve function for material handling, medical rehab and military applications.

New This Year!

This year's format is based on short, sequential TED-type "PODs" of concentrated information. Each POD has a unique theme with interactive components.



Our new venue offers great food, a view of the race track and expanded space for vendors.

For registration information see reverse side