Discover proven solutions to advance your ergonomics, safety and wellness programs!

NATIONAL ERGONOMICS Conference & ErgoExpo

AUGUST 22 - 25, 2017
PARIS LAS VEGAS HOTEL

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#ErgoExpo
Why ErgoExpo?

For more than 2 decades, it’s been THE place to learn how to build an effective ergonomics program or maximize an existing one — on any budget, in any industry. Whether you’re new to the field or a seasoned professional, you’ll discover fresh approaches for your ergonomics, safety and wellness initiatives to take your organization’s productivity and cost-saving measures to the next level with:

- 3 engaging Keynotes on gaining ergonomics buy-in from employees, adapting safety procedures to evolving work demands, and the role of human factors in workplace incidents
- 45 educational sessions — basic and advanced levels — spanning 5 program tracks
- Success stories from organizations like Duke, Harley-Davidson, Microsoft, USAA and more
- Proven guidance straight from ergonomics and safety experts
- Live demonstrations of thousands of products at the largest Expo of its kind

Conference Highlights

OPENING KEYNOTE
Ergonomics by the Letter

Tuesday, August 22 | 4 - 5 p.m.

In his 34-year career, Lance Perry has seen time and time again that in order for a company to be successful, its people must be successful. How a company involves its employees, treats them, designs for them and chooses to maximize each individual’s potential will determine a company’s total success. Mr. Perry’s ergonomics truisms and observations will inspire you to serve your fellow employees, help recalibrate their eyes to the importance of ergonomics and understand what the ultimate client truly wants from ergonomists.

PROGRAM CHAIR

Alan Hedge, PhD, CPE, CERgHF, Professor of Ergonomics, Cornell University

PROGRAM CO-CHAIRS

David Brodie, MS, CPE, Corporate Ergonomist, Cargill Protein, Inc.
Rachel Michael, CPE, CHSP, Ergonomics Thought Leadership, Aon Risk Solutions

KEYNOTE
A New Look at the Way We Work: Strategies From NIOSH Total Worker Health®

Wednesday, August 23 | 9:45 - 10:45 a.m.

L. Casey Chosewood, MD MPH, Director, Office for Total Worker Health®, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention

The concept of work is being redefined faster than most workers can keep up. New technologies, novel exposures and rapidly evolving work demands arrive at a dizzying pace. New employment arrangements and global platforms for work are now the new normal. And work-associated threats to safety and well-being follow quickly behind. Today’s organizations require innovative, comprehensive strategies to better protect and promote the safety, health and well-being of their workers. Dr. Chosewood will examine the new way we work, unpack what we know about the tight link between work and health, and spur new dialogue on the future steps we must take to optimize work for today’s workforce and for the generations that follow.

KEYNOTE
Human Factors in Complex and Dynamic Systems — Lessons From Investigating Catastrophic Events

Thursday, August 24 | 8:15 - 9:30 a.m.

Cheryl MacKenzie, MS, Investigations Team Lead, U.S. Chemical Safety Board

Since its inception, the U.S. Chemical Safety Board (CSB) has completed more than 90 investigations of chemical accidents and safety issues. And, as accident causation theory has evolved, so too has the CSB’s analysis of human factors. Using as examples several major incidents in various high-hazard work environments — such as a refinery, a university laboratory, an offshore drilling rig and a gas plant — you’ll learn broad lessons that expand beyond the confines of the chemical industry, and how the agency’s current investigative approach can help you better understand the human contribution in complex systems.

CLOSING GENERAL SESSION
Key Conference Takeaways and Future Opportunities

Friday, August 25 | 9:45 - 10:45 a.m.

With 55 sessions and workshops, it’s impossible for you to attend them all, so we’ve got you covered! Dr. Hedge and a panel of experts will wrap up this year’s conference by reinforcing the key lessons and most important points. You’ll leave with a more complete “how-to” plan to implement when you return to your workplace — an excellent way to top off your ErgoExpo experience!

BONUS SESSION
The Road to BCPE Certification

Friday, August 25 | 9:45 - 11:15 a.m.

The Board of Certification in Professional Ergonomics (BCPE) is dedicated to increasing the recognition of ergonomists by providing a clear pathway to professional certification. What better way to end your week than to take what you’ve learned and focus on preparing for the BCPE Exam? Join ergonomics heavyweights and ErgoExpo Program Co-Chairs David Brodie and Rachel Michael to understand the process of becoming a BCPE-certified HFE professional.

Register now at www.ErgoExpo.com or call 1-800-727-1227

Register by June 8 to SAVE $300.00 or by July 26 to SAVE $200.00!
## Agenda At-a-Glance (see pages 6 - 24 for workshop & session details)

### Tuesday, August 22
(Register for a Premium Pass to attend these half-day workshops.)

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>8:30 - 9 a.m.</td>
<td>Coffee Break</td>
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<td>3:45 - 5:15 p.m.</td>
<td>Lunch on Your Own</td>
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<td>4 - 5 p.m.</td>
<td>Opening Keynote</td>
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<tr>
<td>5 - 7 p.m.</td>
<td>Opening Night Reception in Expo Sponsored by BodyBit</td>
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### Wednesday, August 23

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<td>Networking Lunch in Expo</td>
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<td>9:45 - 10:45 a.m.</td>
<td>Closing General Session</td>
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<td>9:45 - 11:15 a.m.</td>
<td>Bonus Session</td>
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**Register now at www.ErgoExpo.com or call 1-800-727-1227**

Register by June 8 to SAVE $300.00 or by July 26 to SAVE $200.00!
Increase your learning options by 20% with a Premium Pass and attend any of Tuesday’s workshops! You get a $750.00 value for only $150 more than a Basic Pass.

**Ergonomic Programs — Interactive Stories**

**From the Field**

**WS1**

Hank Austin, MS, CSP, President, ErgoSquad

Michael Johnson, MS, PE, CSP, Senior Safety Representative, USAA

Nancy Larson, PhD, CPE, Nancy LJ Larson Consulting LLC

Tom Rowell, MS, CPE, Consulting Ergonomist, ErgoSquad

Riley Splittstoesser, PhD, CPE, Ergonomics Program Lead, Los Alamos National Laboratory

Establish, lead and champion your corporate ergonomics program! Five experts in the field will explain how it’s done by sharing how their programs evolved, focusing on organizational support, program initiatives, staffing metrics, priorities, and analysis methods and tools. You’ll gain valuable lessons learned from successful and unsuccessful programs as well as specific advice to improve your programs.

**Workshop takeaways:**
- Explain how successful companies structure their corporate ergonomics programs
- Improve ergonomics programs using metric and analysis
- Predict the focus of ergonomics over the next 5 to 10 years

**Anatomy of an Injury**

**WS2**

Dr. Mark Vettraino, Director, Task Group International

Dr. Vettraino will start out with a basic anatomy and physiology class that will provide the foundation of a solid ergonomics program. He’ll help you understand discomfort, and outline a three-level, proven methodology which will enable you to move from “reactive” to “proactive” with less time and effort. You’ll hear case studies from Fortune 500 companies to demonstrate a simple format of evaluation, documentation, reporting and recommendations, which include working with doctors’ notes and problematic cases.

**Workshop takeaways:**
- Identify ergonomic issues in the infantile stage
- Provide examples on how to mitigate risk while spending little or no money
- Create a simple format document and follow up with cases

**Job Demands to Ergo Risk Assessment to Return to Work — How It All Fits**

**WS3**

Drew Bossen, Executive VP, Atlas Injury Prevention Solutions

Tony Silva, CPE, Director, Atlas Injury Prevention Solutions

How do you acquire the appropriate information and then implement it properly to ensure the best outcome for the employee? Two experts will show you how to effectively complete a job demand analysis. Then, you’ll learn how to use that information for the purpose of ergonomic risk assessment and return to work when an employee has a restriction — all leading to better outcomes for your organization and your employees.

**Workshop takeaways:**
- Break down a job into essential functions and measureable work tasks
- Select the correct risk assessment tool
- Use the job demands analysis and essential functions to determine if an employee can return to work

**Reducing Manual Materials Handling Injuries — A Prerequisite for World-Class Safety**

**WS4**

Jeffrey Hoyle, CPE, Director of Ergonomic Services, North Carolina State University: The Ergonomics Center

Tim McGlothlin, Executive Director, North Carolina State University: The Ergonomics Center

Lifting, Pushing, Pulling, Holding, Carrying. Each of these manual materials handling (MMH) tasks could lead to overexertion, which is a leading cause of disabling injuries at work — accounting for nearly a quarter of all injuries. Before a company can be truly world-class, it must identify and reduce this MMH challenge. Mr. McGlothlin and Mr. Hoyle will explain how to evaluate the effectiveness of potential solutions prior to implementation. You’ll leave with instructional manuals and basic software.

**Workshop takeaways:**
- Identify the risk factors and biomechanics that contribute to MMH injuries
- Use NIOSH and Liberty Mutual guidelines to evaluate and reduce risk factors
- Apply engineering and administrative controls to reduce the potential of MMH injuries

**The Mind/Body Connection to Ergonomic Training**

**WS5**

Rochelle Reea, AmSAT, Mind/Body Ergonomics, Pain Relief Through Movement, LLC

The mind/body connection is the missing component in most ergonomic training, yet very necessary for long-lasting results that carry over to all aspects of life. It is a highly interactive, hands-on, holistic approach to health and wellness programs. Discover educational strategies for your employees that are proven to eliminate the cause of pain and injury. You’ll learn solutions to enable employees to enjoy more pain-free time as well as avoid muscular skeletal disorders and repetitive strain injuries at work and in daily life.

**Workshop takeaways:**
- Implement a mind/body approach to eliminate the cause of muscular skeletal disorders, chronic pain and injuries
- Develop strategies to self-regulate and self-correct in the workplace
- Lower compensation payouts and missed days at work due to pain or injury
**Five Steps to a Sustainable Ergonomics Improvement Process**

Walt Rostykus, CPE, CSP, CIH, Principal Consultant and Ergonomics Engineer, Humantech

Many companies struggle to establish and sustain an ergonomics improvement process, so they resort to managing it in an ad hoc and ineffective manner. Having seen this firsthand, Mr. Rostykus has identified why programs fizzle and lose momentum, as well as proven best practices for managing ergonomics in the workplace. He’ll share an easy-to-follow framework with the five stages to establishing an effective, efficient and sustainable improvement process to guide your organization in building and maintaining a successful, world-class ergonomics process across time.

**Workshop takeaways:**
- Identify proven strategies and practices that yield success
- Engage and maintain leadership support
- Leverage technology to track and manage ergonomic improvements

**Advance Your Office With Ergonomics**

Jerome Congleton, PhD, PE, CPE, Professor Emeritus, Texas A&M University School of Rural Public Health

Learn to create the most effective workplace for your employees — regardless of environment. Dr. Congleton will explain the consequences of overlooking an office ergonomics program, identify common tools and techniques to proactively address ergonomic problems, and discuss how to identify and design for the mobile office. You’ll gain an increased awareness of best practices for use and placement of technology in the work environment.

**Workshop takeaways:**
- Understand the impact of implementing an office ergonomics program on both the employer and employee
- Recognize specific challenges and needs of non-traditional work environments and alternative office designs
- Identify benefits and risks associated with today’s technologies in the workplace

**Industrial Ergonomics: Drive the Job Improvement Process**

Kent Hatcher, CPE, Director of Consulting, Humantech

Industrial work environments vary from one site to another. There are repetitive assembly environments, non-standard field services and distribution centers. Find out the necessary quantitative tools to evaluate work areas and design effective countermeasures to reduce ergonomic risk factors and shape a productive work environment regardless of the type of work area. You’ll leave with an understanding of the methods necessary to effectively navigate the job improvement process in all types of industrial environments.

**Workshop takeaways:**
- Explain how ergonomics impact businesses and organizations
- Prioritize jobs for improvement
- Design better workstations and work processes

**Manual Materials Handling Strategies and Design for Ergonomic Success**

Kevin Costello, CPE, President, United States Ergonomics

Designing manual materials handling (MMH) jobs to optimize productivity and reduce ergonomic risks and fatigue is a goal for any warehouse, manufacturing, assembly or healthcare workplace. A thorough understanding of the biomechanics and physiologic principles of proper MMH techniques is necessary to balance work demands. You’ll be given ergonomic specifications and guidelines, as well as simple tools and methods for quantifying and prioritizing MMH risk.

**Workshop takeaways:**
- Review techniques for establishing effective work and recovery periods
- Calculate the effects of heat, humidity and cold on human MMH capacity
- Identify best practice strategies to enlist employee support and establish a sustainable effort

**Integrating Ergonomics to Optimize an Aging Workforce**

Dr. Richard Bunch, CEO, WorkSaver Systems

Older workers can be valuable assets to employers. However, age-related changes affecting physical and mental performance need to be accommodated with specific ergonomic and wellness interventions in order to prevent unnecessary claims and loss of productivity. Dr. Bunch will address how to integrate fitness-for-duty testing to properly match aging workers’ functional capacities to essential job demands while staying in full compliance with all state and federal regulations protecting employees from age and disability discrimination.

**Workshop takeaways:**
- Recognize how the aging process impacts work performance
- Implement the most current ergonomic and wellness interventions that improve work performance with age
- Accommodate common age-related impairments through legally compliant fitness-for-duty testing

**Who should attend ErgoExpo?** Professionals in all industries with titles of:

- Corporate/Executive Management
- Design Engineer
- Ergonomist
- Facility Manager
- Human Resources Professional
- Occupational Health Nurse
- Occupational Therapist
- Operations/Administrative Management
- Physical Therapist
- Risk Managers
- Safety Engineer
- Safety Manager
- Safety Professional

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Applying ISO 45001 to Manage Your Workplace Ergonomics Program
Wednesday, August 23 | 8:30 - 9:30 a.m.
Walt Rostykus, CPE, CSP, CIH, Principal Consultant and Ergonomics Engineer, Humantech

Most ergonomics programs are modeled after common business processes. The new ISO 45001 safety management system standard provides another excellent model for improving your ergonomics process. Mr. Rostykus will provide real industry applications and examples to show how the key elements of an ergonomics improvement process align with ISO 45001. You’ll hear the dos and don’ts already learned by other organizations leading the way.

Session takeaways:
- Evaluate and align your ergonomics program to ISO 45001
- Identify techniques and tips for effective implementation
- Recognize and avoid challenges implementing and sustaining your management system

Building a Sustainable and Successful Safety and Ergonomic Culture
Wednesday, August 23 | 1 - 2 p.m.
Michael Gee, ATC, CEES, Owner, PRO FIT Ergonomic Solutions Inc.

Safety and ergonomic interventions are implemented with the best intentions. But there are two keys to success for any program: management and employee engagement. These principles will provide the certainty that your ergonomic programs and services are on track for building a safety culture of growth and a sustainable return on investment. Mr. Gee will show you how to create S.M.A.R.T. goals for gaining management and employee engagement to build a sustainable ergonomics program.

Session takeaways:
- Implement guiding principles for a successful safety and ergonomic intervention
- Develop evaluation criteria using the guiding principles to ensure the plan is working
- Apply proven strategies for management and employee engagement

Progression of Wells Fargo’s Office Ergonomics Process — Results
Wednesday, August 23 | 2:15 - 3:15 p.m.
LaQuandra Jones, Loss Prevention Specialist, Wells Fargo; Tony Silva, CPE, Director, Atlas Injury Prevention Solutions

Implementing a sustainable office ergonomics process is especially challenging for a company as large and geographically dispersed as Wells Fargo, with more than 280,000 team members in over 9,000 locations. Ms. Jones and Mr. Silva will take you through the organization’s tiered approach, which is based upon the risk and needs of the work associate. You’ll leave with ideas to address the ergonomic challenges of a rapidly changing workplace, whether it’s hoteling or sit/stand stations.

Session takeaways:
- Minimize errors in the ergonomics recommendation process
- Determine the need for face-to-face intervention
- Integrate your strategy with a feedback/check loop process to verify issues have been addressed

Managing an Ergonomics Program With Home-Based Workers
Wednesday, August 23 | 4:15 - 5:15 p.m.
Michael Johnson, MS, PE, CSP, Senior Safety Representative, USAA; Hank Austin, MS, CSP, President, ErgoSquad

USAA has grown to 28,000 employees with more than 12% working from homes all across the country. Despite this unique environment and the obstacles it brings, the USAA Ergonomics Team has transformed its program to be one of the best in the country. USAA will share the core elements of its award-winning “Work From Anywhere Ergonomics” program focused on providing ergonomic services to work-at-home employees that complement the standard modern office accoutrements.

Session takeaways:
- Adopt the core elements of a “Work From Anywhere Ergonomics” program for your workplace
- Overcome obstacles to providing ergonomics support to home-based workers
- Utilize the key metrics that help measure success with home-based workers

Lessons Learned: Top 5 Ergonomics Program Challenges Faced by USAA
Thursday, August 24 | 10:45 - 11:45 a.m.
Michael Johnson, MS, PE, CSP, Senior Safety Representative, USAA; Hank Austin, MS, CSP, President, ErgoSquad

Hear all about the challenges USAA faced in addressing ergonomics issues for 28,000 employees in multiple locations — and how it solved every one. Mr. Austin and Mr. Johnson will share the strategies they used to gain management support, align and work with other departments, identify risk, track and deploy resources, and establish a reliable return on investment. You’ll walk away with actionable ideas to conquer the obstacles created by a widespread workforce.

Session takeaways:
- Overcome challenges with management to get buy-in for your program
- Structure a program that efficiently deploys and tracks resources
- Measure program success to champion your program

Building a Successful Ergonomics Program
Thursday, August 24 | 1:45 - 2:45 p.m.
Keith Osborne, CEAS, Ergonomist, Seattle City Light

How do you build a successful program focused on gaining management/employee buy-in and developing sound metrics using both leading and lagging indicators? Hear how Seattle City Light successfully integrated wellness initiatives to further enhance the overall success of its ergonomics program and how you can do the same at your organization.

Session takeaways:
- Leverage case studies to garner management and employee buy-in
- Use leading and lagging indicators to continuously improve your process
- Explain how a comprehensive process with integrated wellness initiatives can add value to your company in terms of impacting healthcare cost runs
Rapid Response: An Early Reporting Program for Computer-Related Discomfort

PM7

Thursday, August 24 | 3 - 4 p.m.
Michael Wasik, ATC/L, CSCS, LMT, Senior Health and Productivity Advisor, Chevron

Rapid Response is a three-phase repetitive stress injury prevention program for U.S.-based Chevron employees. A staff of physical therapists, occupational therapists and ergonomic evaluators implement the three phases: a workstation evaluation, a clinical screen and job-specific conditioning. The program helps employees recognize signs of discomfort, encourages them to report early, and emboldens them to reduce risk and make their health and safety a top priority. Over the past 10 years, Rapid Response has seen over 10,000 participants, an average of 1,077 participants per year since 2010. Hear how you can implement a successful RSI prevention program in your workplace.

Session takeaways:
- Resolve computer-related discomfort before the discomfort becomes an RSI
- Implement a process that is designed to prevent and resolve computer-related discomfort
- Employ metrics that the Rapid Response program used to demonstrate value

Large Touchscreens: Are They the Magic Bullet?

OF1

Wednesday, August 23 | 8:30 - 9:30 a.m.
Cynthia Roe, Ergonomics Consultant, M-erg

Do large touchscreens improve ease of use, increase productivity and eliminate discomfort? A field study run at a major oil and gas company unveiled surprising results. Geoscientists who used two different combinations of large dual displays were observed and interviewed, plus each participant provided ratings about their perceived productivity, ease of use and rate of discomfort. The key findings provide a framework for best ergonomic practices that will help your corporate ergo program proactively determine when a large touchscreen may be an appropriate intervention.

Session takeaways:
- Identify productivity and discomfort characteristics of those who use large touchscreens
- Understand the different characteristics of those who should use dual displays
- Implement best practices for touch and non-touch dual display users

Developing an Ergonomics Program for Surgeons

PM8

Thursday, August 24 | 4:15 - 5:15 p.m.
Marissa Pentico, OT/L, CPE, Ergonomist, Duke University

Surgeons face multiple ergonomic hazards while performing open surgery, including awkward/static postures, prolonged standing, and forceful exertions resulting in significant neck and back pain—all of which can impact patient safety. Ms. Pentico will share the findings of a recent study based on observations of surgeons as they operated. These findings can help us develop an effective ergonomics program to address awkward postures due to the use of instruments, the height and/or position of the patient on the table, the position of the surgeon in relation to the patient, and the efficacy of the loupes in surgery. You’ll learn specific ergonomic recommendations to address the identified ergonomic risk factors.

Session takeaways:
- Identify the common ergonomic risk factors faced by surgeons when performing open surgery
- Make ergonomic recommendations for reducing surgeons’ risk of injury
- Develop a specialized ergonomics program for surgeons

Supporting Ergonomics in a Non-Traditional Setting

PM9

Friday, August 25 | 8:30 - 9:30 a.m.
Michael Wasik, ATC/L, CSCS, LMT, Senior Health and Productivity Advisor, Chevron

Most computer-related repetitive stress injuries occur in the office setting. However, those who work at remote outdoor sites throughout the day, without a nearby office, often need to complete data entry at the work site in a vehicle. Hear how Chevron’s Rapid Response injury-prevention program is providing ergonomic support for individuals whose daily computer tasks include data entry into off-site programs and locations.

Session takeaways:
- Improve ergonomic support for off-site workers
- Use a process that is designed to identify, prevent and resolve computer-related discomfort
- Establish an ergonomically correct workstation setup in a vehicle

Offices and industrial environments each have their own ergonomic challenges. But for employees outside the traditional workplace, a new universe of challenges arises. You’ll learn about the current state of ergonomics for the knowledge worker on the go and leave with strategies for solving the most common issues. Plus, you’ll get a peek into the future of mobile knowledge workers and how new technology products address ergonomics needs.

Session takeaways:
- Understand how differences between the mobile worker and the desk-bound worker influence ergonomics risks
- Recognize solutions that affect mobile workers differently than traditional office-based workers
- Measure the success of various ergonomic solutions

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Office Ergonomics (cont’d)

Case Study in Stand-Capable Desk Use — Problems and Solutions
Wednesday, August 23 | 4:15 - 5:15 p.m.
Jerome Congleton, PhD, PE, CPE, Professor Emeritus, Texas A&M University
School of Rural Public Health

Workers spend more time seated than in times past. This sedentary behavior contributes to unfavorable health conditions such as obesity, cardiovascular disease and diabetes, not to mention decreased worker productivity. A recent case study followed participants for six months to assess physical activity levels, time spent sedentary, workstation usage, and perceptions of stand-biased and sit-to-stand workstations. Based on the study findings, you’ll hear ergonomic solutions you can use to help increase worker movement, productivity and overall health at your organization.

**Session takeaways:**
- Identify risk factors associated with long-term sitting
- Understand the different benefits of stand-biased versus sit/stand workstations
- Employ strategies to increase movement at workstations

Innovations at Seattle City Light
Thursday, August 24 | 10:45 - 11:45 a.m.
Keith Osborne, CEAS, Ergonomist, Seattle City Light
Josh Kerst, CPE, Principal Ergonomist, Safco Products Company

Seattle City Light recognized that employees spent a large percent of their workday in prolonged sedentary positions resulting in a wide range of serious health risks. Come hear about the variety of innovative, low-cost high-impact solutions Seattle City Light used to address these traditional ergonomic risks. You’ll walk away with new approaches your organization can take to address these concerns, and ways to positively impact performance and safety by developing an action plan to get people more active during the day.

**Session takeaways:**
- Develop outside-the-box innovations and thinking to resolve traditional ergonomic risks
- Adapt concepts and products in new and innovative ways for different work environments
- Use positive metrics obtained from real-world case study applications

Annual favorite
Ergonomics for the Office of Tomorrow
Thursday, August 24 | 1:45 - 2:45 p.m.
Kent Hatcher, CPE, Director of Consulting, Humantech

Where and how people work have drastically changed in the last decade. The standard 9 to 5 workday is no longer the norm. The mobile worker population has more than tripled, turning coffee shops, hotel lobbies, airports, cars and, of course, the home into peripheral office spaces. These changes require organizations to reinvent work practices and work spaces to better fit the needs of employees. Managing office ergonomics today may be more complex, but that doesn’t mean it’s more difficult. Mr. Hatcher will explain how to assess and adjust workspaces regardless of their location.

**Session takeaways:**
- Identify basic principles of managing and implementing an office ergonomics process
- Recognize the value and return of implementing different ergonomics training methods
- Develop an awareness of current trends in office design

The Future of Sit/Stand
Thursday, August 24 | 3 - 4 p.m.
Rick Spencer, MS, Head of Prevention and Optimization, Briotix

Most employees have heard the warnings about prolonged sitting. Organizations have responded in different ways. Some limit solutions to those with physician notes, while other organizations offer height adjustable workstations to all. Although the data on reduced facility expenses with height adjustable workstations is well-documented, we’re still waiting for evidence on the health impacts on employees. And we’re still waiting for data that proves employees change their behavior when provided the option to change their posture. Join Mr. Spencer as he explores the past, present and future of the sit/stand movement.

**Session takeaways:**
- Review data on sedentary lifestyles and how it impacts corporate messaging
- Discuss protocols that move beyond a requirement of medical notes
- Identify technology and wearable trends and discuss how they impact sit/stand adoption

Optimizing Workstations for Comfort and Injury Reduction
Thursday, August 24 | 4:15 - 5:15 p.m.
Stacy Rozell, CSP, Safety & Environmental Specialist, Southern California Edison

What’s the best way to set up a workstation to increase comfort and reduce potential for injury? Learn the basics of workstation set up and how to independently assess and adjust a workspace to maximize comfort and decrease the risk of injury.

**Session takeaways:**
- Recognize the methods used to adjust the workstation based on the individual
- Develop work-arounds to adjust a workstation when there are limited resources available
- Analyze employee movements at the workstation

Office Ergonomics — Top 10 Things You Should Know
Friday, August 25 | 8:30 - 9:30 a.m.
Gene Kay, MS, CPE, Director of Ergonomics, VelocityEHS

This fast-paced presentation will cover the hottest topics in office ergonomics, including what employees and employers get wrong about ergonomics, sit/stand desks, ergo balls, and quick steps to reduce strain through proper seat and monitor use. You’ll also find out how back and neck pain and eye strain can result in metabolic syndrome, a cluster of conditions that can increase the risk of heart disease, stroke and diabetes. Finally, you’ll learn about the true cost of CTDs and MSDs, the effectiveness of ergonomics software, and get the ROI information you need to make the case for ergonomics in your organization.

**Session takeaways:**
- Recognize the top ergonomics issues to be on the lookout for
- Steer clear of popular myths about what constitutes sound ergonomic practice
- Identify what information is required to make a good business case for workplace ergonomics

“ErgoExpo exceeded my expectations with highly educational sessions focusing on current and forward-thinking topics to help with current issues and to help prevent future ergonomic injuries!”
Kim Mercer, Occupational Safety Engineer, Lockheed Martin

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Legal Considerations of Pre-Work Screening
Wednesday, August 23 | 8:30 - 9:30 a.m.
Drew Bossen, Executive VP, Atlas Injury Prevention Solutions
Albert Lee, Employment and Labor Law Attorney, Tucker Arensberg Attorneys, PC

Organizations are increasingly using pre-work screen processes to verify that prospective hires have the physical ability to perform the job. Mr. Bossen and Mr. Lee will identify the issues you should be aware of when considering, designing, testing and implementing a pre-work screen and/or a return-to-work screen process. Case studies will demonstrate the importance of understanding the legal risks, and illustrate real-world positive outcomes and consequences. You’ll leave with a working knowledge of the screening process and how to consider implementing one within your organization.

Session takeaways:
• Explain how the law differs on pre-offer and post-offer pre-work screens
• Discuss legal risk factors in developing and implementing pre-work screens
• Reduce legal risks associated with selection, reliability, validity and disparate impact

Move Like Your Life Depends On It … Because It Does
Wednesday, August 23 | 1 - 2 p.m.
Michael Contreras, BS, CSCS, USAW, ACE, Founder, FMS Health and Safety
Jon Torine, BS, FMS, XPS, Education and Programming, FMS Health and Safety

Implementing a movement program can decrease injury potential, increase health and improve your company’s bottom line. Here’s your chance to learn a simple yet powerful way to screen fundamental human movement patterns and apply corrective exercise strategies at your organization. Plus, you’ll get data on how movement programs reduce pain, improve function and increase quality of life — to help you sell the program to upper management. Come gain the necessary tools to install this program in any environment to help your employees move well. You’ll soon see your employees move more often, and experience firsthand how a movement culture can be used with great success.

Session takeaways:
• Create a culture of movement within a total health and safety program
• Identify ways to correct faulty movement patterns related to injury and efficiency
• Implement strategies that allow movement improvements to be used on a large scale and individually in any environment or work location

It’s Not Just About the Stretches
Wednesday, August 23 | 2:15 - 3:15 p.m.
Scott Ege, President, Ege WorkSmart Solutions, PC

Thinking about starting a workplace stretching program? Or perhaps you have one in place that’s just limping along, or worse yet — has already failed? Is creating or rejuvenating a stretching program even worth the investment? An effective workplace stretching initiative is more about the structure of the program than the actual stretches. Find out if stretching should be mandatory or voluntary, the frequency required, the best methods, and where stretching fits into an effective MSD prevention strategy.

Session takeaways:
• Identify key components needed for a successful workplace stretching initiative
• Recognize common pitfalls and mistakes to avoid program failure
• Maximize your investment in a workplace stretching program

Another Playing Field: Athletic Trainers as Workplace Injury Prevention Specialists
Wednesday, August 23 | 4:15 - 5:15 p.m.
Peter Greaney, MD, Medical Director, President and CEO, WorkCare, Inc.
Daniel Nevarez, MS, ATC, Regional Occupational Health Manager, WorkCare, Inc.

Employees are at risk when they are not adequately conditioned to perform physically demanding jobs or when they return to work following an injury or illness. Dr. Greaney, an occupational medicine physician, and Mr. Nevarez, a certified athletic trainer, will share a delivery model that uses athletic training principles to provide work fitness, ergonomic consulting and non-OHSA-recordable injury prevention services in the workplace.

Session takeaways:
• Use conditioning, stretching and first aid interventions to help prevent work-related injuries
• Apply athletic training principles to ergonomic solutions in the workplace
• Identify metrics that can be used to measure the effectiveness of ergonomic and other workplace injury prevention interventions

Ergonomics as an Integral Part of Continuous Improvement Strategies
Thursday, August 24 | 10:45 - 11:45 a.m.
Peter Budnick, PhD, CPE, CEO, Ergoweb Inc.

To create a more resilient, sustainable and successful organization, an effective ergonomics process should be at the core of Continuous Improvement (CI) efforts. Otherwise, even the best intentioned efforts will fail or fade away. Dr. Budnick will review the fundamentals of an effective CI process, particularly in lean management approaches, and define how ergonomics methods and principles not only overlap and complement many components of CI tools and processes, but are essential to their success.

Session takeaways:
• Identify the key components of an effective CI strategy
• Recognize the proven tools and methods that integrate ergonomics with other CI processes
• Explain why it’s nearly impossible to implement successful CI without ergonomics, and vice-versa

Root Cause Analysis — Digging Deeper to Find the Answers
Thursday, August 24 | 1:45 - 2:45 p.m.
Jessica Ellison, CPE, CSP, Principal Consultant, BSI EHS Services and Solutions

Learning how to conduct an ergonomics job analysis is one of the first steps towards determining where the risk is within your company. The next step, critical for risk reduction, is to understand how these assessments help determine the root cause of the risk of injury. Ms. Ellison will share how to use proven root cause analysis techniques to go beyond a basic ergonomic assessment and find the true issues behind the injuries. You’ll learn how to use the data you have to help define the root cause so an action plan can be developed to make lasting change.

Session takeaways:
• Review root cause analysis tools
• Integrate ergonomic assessments into the root cause analysis
• Move your project forward once the root cause has been identified
The Ergo Value Factor of Technology-Based Work Simulation in Manufacturing
Thursday, August 24 | 3 - 4 p.m.
Josh Alley, Site Coordinator, Harley-Davidson Lifestyle Center – BTE
Angela Berwick, Manager Onsite Services, BTE

Some tasks are laborious and hard to perform. Engineering the weights, forces and biomechanical risks out of these more difficult tasks is often not an immediate option. The challenge for employers has always been to reduce injury potential, while understanding the risk for injury is real. Ergo Value Factor (EVF) = force improvement + power improvement + work improvement. The EVF documents improve individual work capacity and understanding, and execution of optimal body mechanics in task performance. Through targeted task conditioning, Harley-Davidson Motor Company manufacturing has reduced and abated injury risk. Come learn about the design requirements of the task simulation and detailed results of the company’s EVF pilot.

**Session takeaways:**
- Understand the ergonomic and injury prevention value of targeted work simulation and conditioning
- Calculate the EVF and the opportunities that technology and customization of high-demand task simulation bring to the injury prevention equation
- Determine whether EVF may be an option for your workplace’s challenging jobs and tasks

Physical Ergonomics in Litigation
Thursday, August 24 | 4:15 - 5:15 p.m.
Ronald Schaible, CPE, CIH, CSP, Forensic Consultant, Robson Forensic, Inc.

Ergonomists and safety professionals apply principles of Human Factors/Ergonomics (HF/E) to assess risk and prevent or minimize the occurrence of injuries. Forensics is a practice area through which those professionals can contribute to improving workplace safety, and safety in product and process design, through the legal system. Come learn about the forensic expert witness process and the application of selected HF/E principles and tools in litigation. And hear examples from real litigation cases that demonstrate the role of HF/E in our judicial system.

**Session takeaways:**
- Recognize the forensic implications of performing workplace, process and product HF/E assessments
- Identify appropriate opinion bases and standards of care for HF/E assessments of workplaces, processes and products
- Understand methods and techniques to analyze litigation cases

Preventing Slips, Trips and Falls
Friday, August 25 | 8:30 - 9:30 a.m.
Fred Norton, CPE, ARM, Technical Director for Risk Control Services, Liberty Mutual Insurance

Slips, trips and falls are a leading cause of workplace injuries. Gain proven strategies based on research and case studies for reducing falls in manufacturing, service and hospitality industries. Plus, you’ll examine the impact of aging on fall risk.

**Session takeaways:**
- Recognize factors that increase the risks of slip, trip and fall incidents
- Explain how better facility design and a comprehensive fall prevention approach can reduce slip, trip and fall risks
- Adapt strategies to reduce the risks of age-related falls

A Comprehensive View of Ergonomics Risk
Wednesday, August 23 | 6:30 - 9:30 a.m.
David M. Brodie, MS, CPE, Corporate Ergonomist, Cargill Protein

To achieve the maximum impact on injury and risk reduction within your organization, it is important to understand when and where these risks develop, and how you should consider addressing them. Mr. Brodie will take you through the wide array of resources, tools and opportunities your ergonomics program can use to drive down risk and reduce musculoskeletal injuries in the workplace. Using examples from the program launched at Cargill, Inc., he’ll highlight how a comprehensive program is put together, and continues to grow.

**Session takeaways:**
- Locate where the risk of MSDs exist within your organization
- Identify the resources and tools that can be used to limit risk and injuries
- Develop strategies to plan for comprehensive program development

Reduce Risk and Optimize Performance of Hand-Held Product Use
Wednesday, August 23 | 1 - 2 p.m.
Kevin Costello, CPE, President, United States Ergonomics

Our hands are our most useful tools at work. And, the tools and products we hold in our hands can either enhance our efficiency or zap our strength, depending on design and function. Understanding the basic anatomy, physiology and biomechanics of hand-held product use is essential to task design. Mr. Costello will provide specific examples of ideal product design and purchasing specifications from the automotive, aerospace, assembly, healthcare, laboratory and heavy industries.

**Session takeaways:**
- Explain the basic biomechanics of hand-held product use
- Optimize the use of powered and non-powered tools, retail POS devices, bar code scanners, surgical equipment, gloves, and more
- Reduce the risks of repetitive strain related to hand-held product use

Upper Extremity Ergonomics Evaluations and Solutions: Case Studies
Wednesday, August 23 | 2:15 - 3:15 p.m.
Jeffrey Hoyle, CPE, Director of Ergonomic Services, North Carolina State University: The Ergonomics Center

Upper extremity musculoskeletal disorders continue to be a significant burden to individuals, workplaces and economies. But, your ergonomics team can help recognize, evaluate and control ergonomic risks to the upper extremities (UE) in industrial environments. Under the guidance of a CPE, your team can use UE analysis tools and their knowledge of the workplace to brainstorm, trial and implement practical application-based solutions to mitigate ergonomic risks in your workplace. Mr. Hoyle will present several application-specific industrial case studies showing before and after results of how team-driven solutions mitigated ergonomic risks to the upper extremities.

**Session takeaways:**
- Identify the upper extremity ergonomics risk analysis tools used in industrial environments
- Create multi-disciplinary ergonomic teams to effectively evaluate and mitigate ergonomic risks
- Develop a plan to mitigate ergonomic risks to the upper extremities

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Identifying and Implementing Practical Ergonomics Solutions
Wednesday, August 23 | 4:15 - 5:15 p.m.
Peter Budnick, PhD, CPE, CEO, Ergoweb Inc. Dan MacLeod, MA, MPH, CPE, Dan MacLeod LLC

It’s often easy to identify an ergonomics problem in a workplace, but finding or creating a solution can be a significant challenge. Drawing on years of collaboration on a NIOSH-sponsored solutions knowledge base and their robust careers applying ergonomics, Dr. Budnick and Mr. MacLeod will share successful methods you can use to identify, create, and implement practical ergonomics solutions in a production environment.

Session takeaways:
- Identify and prioritize improvement opportunities
- Expand the value proposition of ergonomics beyond injury reduction
- Gain buy-in for your implementation plans

Prevention Through Design: Ergonomics for Engineers
Thursday, August 24 | 10:45 - 11:45 a.m.
Kent Hatcher, CPE, Director of Consulting, Humantech
Jeff Sanford, CPE, Director of Consulting, Humantech

Prevention through Design (PtD) is an initiative driven by recognized health organizations, including NIOSH and ASSE. The goal is to identify and prevent the introduction of hazards in the workplace, including those risk factors that cause musculoskeletal disorders. Companies with successful ergonomic processes engage their engineers to ensure poor ergonomic conditions are identified and controlled in both existing and future jobs and workstations. Engaging engineers, using currently available and valid ergonomic design guidelines, and having an effective design review process are critical elements of effectively preventing MSDs through good design. Hear how world-class companies are applying each of these elements, and how you can integrate these practices in your own company.

Session takeaways:
- Recognize proven and cutting-edge approaches and tools to establish your own PtD process
- Ensure new and modified workstations and tools are based on criteria of human performance
- Identify gaps and strengths in your current PtD process

Practical Solutions for Reducing Manual Materials Handling Risks
Thursday, August 24 | 1:45 - 2:45 p.m.
Fred Norton, CPE, ARM, Technical Director for Risk Control Services, Liberty Mutual Insurance

Overexertion from manual materials handling is an expensive problem, resulting in more than $15 billion in direct costs. Mr. Norton will demonstrate effective approaches to analyze and reduce the risk factors that contribute to overexertion-related injuries. You’ll hear case studies of innovative solutions in various industries and learn proven methods for manual handling task analysis that have led to development of practical, cost-effective changes in the workplace.

Session takeaways:
- Identify contributing factors for manual materials handling injuries
- Describe how to apply basic task analysis methods to evaluate risk
- Discuss how ergonomic principles can be applied to practical changes in the workplace

Personal Ergonomic Devices — The Use of Exoskeletons in Industry
Thursday, August 24 | 3 - 4 p.m.
Dr. Richard Bunch, CEO, WorkSaver Systems
Homayoon Kazerooni, PhD, Roboticist/Professor, University of California, Berkeley

Lightweight exoskeletons are being used to help aging workers perform job tasks more effectively and productively. Dr. Bunch and Dr. Kazerooni will present the results of Dr. Kazerooni’s work on intelligent assistance devices being used to manipulate heavy objects in distribution centers. In addition to an overview of exoskeleton technology, you’ll get pathophysiological explanations of the type of injuries prevented when using the exoskeleton and actual demonstrations of the exoskeleton for overhead work and lifting.

Session takeaways:
- Understand the pathological mechanisms for injury from prolonged and highly repetitive overhead work
- Recognize pathological mechanisms for injury from lifting
- Explain how exoskeletons minimize workers’ spinal forces, knee joint forces and shoulder joint forces

Applying Basic Principles to Drive Projects on the Plant Floor
Thursday, August 24 | 4:15 - 5:15 p.m.
Nathan Gentges, Ergonomics Coordinator, Cargill Protein
Londell Rowden, Ergonomics Coordinator, Cargill Protein

A corporate ergonomics program relies on a broad network of professionals to implement processes across the organization. In many cases, these professionals have a wide array of backgrounds, are developed internally, and are placed in ergonomics roles. With the right development strategy and ergonomics principles in place, the individuals in this network can drive projects that produce successful risk and injury reduction. Hear how Cargill Protein was able to take the tools and processes from a core ergonomics program, and mesh the experiences of its team to create simple and effective changes on the plant floor.

Session takeaways:
- Explain the basic framework for an ergonomics program that can drive change
- Use the basic principle of ergonomics to elevate communication with management and operations
- Leverage your experience and background to succeed in an ergonomics role

Asking the Right Questions Saves Time and Money
Friday, August 25 | 8:30 - 9:30 a.m.
Scott Ege, President, Ege WorkSmart Solutions, PC

Whether an assessment is triggered in response to an injury or is proactive in nature, asking the wrong questions can waste your time and lead to ineffective solutions. Getting worker “buy-in” on ergonomics is an art and science. It takes skill to read between the lines during interactive dialogues with workers and supervisors. But not engaging the workers during both the assessment and solution phases of an ergonomic process would be a strategic and costly mistake. You’ll leave with three simple communication methods that can lead to powerful results for your ergonomics program.

Session takeaways:
- Recognize the significance of engaging workers in the ergonomic assessment and improvement process
- Ask the right questions to identify ergonomic opportunities before injuries occur
- Engage workers and gain their support
Chronic Pain With an Aging Workforce
Wednesday, August 23 | 8:30 - 9:30 a.m.
Moderator: Kevin Lombardo, President and CEO, DORN Companies
Alex Workman, Risk Manager, Sealy Corporation
William Woyshner, West Coast Regional EHS Manager, Saint Gobain

The workforce is steadily aging. In fact, the percentage of the U.S. workforce between the ages of 55 and 64 is growing faster than any other age group. With this dramatic demographic shift comes inherent health risks and an increase in problematic presenteeism — not to mention a rapid rise in workers’ compensation and health care costs. Panelists from diverse organizations will discuss the various tools and techniques they’ve used to ensure these impending risks are mitigated, giving you best practices for creating a corporate culture that encourages employees to be mentally and physically present.

Session takeaways:
- Identify impactful and tangible ways to reduce presenteeism in the workplace
- Break down the cost savings and productivity benefits of a proactive workers’ health mindset
- Blend ergonomic techniques with a Total Worker Health approach to keep employees healthy and productive

Dyslexia: What Ergonomists Need to Know
Wednesday, August 23 | 1 - 2 p.m.
Andrew Wood, PT, MS, CBES, CWWPM, Senior Consultant, Ergonomics, Ferguson Risk Management

Dyslexia is a hidden disability with no visible signs or symptoms. There is no cure and individuals do not “grow out of it.” Using data from advanced brain imaging techniques Mr. Wood will explain what dyslexia is, its prominence in society, and the neurophysiology of normal and dyslexic reading.

Session takeaways:
- Recognize the prevalence of dyslexia in the population
- Discuss the physiology of normal reading and abnormal reading
- Provide accommodations to individuals with dyslexia

Stop the MSDs! Incorporate Ergonomic Considerations in GI Clinics
Wednesday, August 23 | 2:15 - 3:15 p.m.
Yeu-Li Yeung, Patient Care Ergonomics Coordinator, Duke University and Health System

Much attention has been focused on patients’ safety during gastroenterological procedures, but the safety of the healthcare workers has been overlooked. GI staff are at risk of musculoskeletal injuries in the back, neck and upper extremities due to the poor placement of equipment in relation to the user’s position, poor equipment design, and inefficient layout and lack of space in the endoscopy suite. Find out what ergonomic considerations need to be made in the design or renovation of an endoscopy clinic, selection of equipment and tools used during all processes in all environments, and placement of equipment in conjunction with workflow and job tasks of all healthcare workers to increase safety.

Session takeaways:
- Address three ergonomic risk factors related to various job tasks and environmental set up in GI clinics
- Identify the major MSD risk factors for employees working in GI clinics
- Improve the safety and comfort of all employees working in GI clinics

If They Build It, You Might Have to Fix It: Ergonomic Challenges at a New Medical Center
Wednesday, August 23 | 4:15 - 5:15 p.m.
Janice R. Fletcher, CEAS, Ergonomics Specialist, University of California, San Diego Health
Tony Simmons, CEAS, Ergonomics Specialist, University of California, San Diego Health

After construction of the 10-story, state-of-the-art Medical Center at the University of California, San Diego was completed, the ergonomics team was asked to make recommendations for computer workstation equipment. The team discovered many design aspects and equipment/furniture selections were not conducive to minimizing the risk of musculoskeletal injuries. Since the design emphasis for the building had been on visual appeal and patient experience, the remediation solutions had to be consistent with these attributes. You’ll hear the challenges and added expenses incurred when retrofitting employee safety into established aesthetic design.

Session takeaways:
- Build relationships and forge alliances in the design process
- Incorporate the big picture when selling your solutions
- Leverage the value of institutional knowledge and history

A Tale of Two Telemetry Stations
Thursday, August 24 | 10:45 - 11:45 a.m.
Janice R. Fletcher, CEAS, Ergonomics Specialist, University of California, San Diego Health
Tony Simmons, CEAS, Ergonomics Specialist, University of California, San Diego Health

Medical telemetry monitoring stations are staffed 24/7. In 2016, the University of California, San Diego Health Ergonomics Program reviewed two telemetry stations for ergonomic risks. The first station’s assessment was requested by management as a routine safety activity. The other was in response to a Cal-OSHA complaint alleging that employees were exposed to a specific RMI risk. You’ll hear a comparison of the design and equipment at the two monitoring stations, as well as details on the ergonomic risks and how they were addressed.

Session takeaways:
- Assess and remediate risk in a stressful environment
- Discuss issues not related to ergonomics that impact the consequences of actual and perceived risks
- Facilitate employee management and cooperation in the risk reduction process

Office Inactivity — Metabolic Syndrome and Low Back Pain
Thursday, August 24 | 1:45 - 2:45 p.m.
Gene Kay, MS, CPE, Director of Ergonomics, VelocityEHS

Did you know that commonly recommended sitting postures actually increase back strain? Find out how, as well as the effects of prolonged sitting on blood glucose and cholesterol that can lead to metabolic syndrome. Then, you’ll learn strategies for recommending postures that are proven to reduce pain, improve health and increase productivity.

Session takeaways:
- Employ best practices for recommending low strain seated postures
- Help employees become more active while also becoming more productive
- Equitably manage and deploy sit/stand solutions that fit your budget
Ergonomists and the Mission to Reduce Spine Disability by 10%
Thursday, August 24 | 3 - 4 p.m.
Julie Landis, DPT, CEES, VP, Business Development, Briotix

Recent studies have identified that spine-related impairment is the top cause of disability in the United States. That’s why the North American Spine Foundation has established Spine 10 x 25, an initiative that will lead to a 10% reduction in U.S. spine-related disability by the year 2025. You’ll learn strategies to help them meet this goal.

Session takeaways:
• Explain the Spine 10 x 25 initiative and how it affects you
• Incorporate and support this initiative in your practice
• Identify actions you can take to reduce spinal injuries in the workplace

Safe Patient Handling and Mobility: Successful Implementation Techniques
Thursday, August 24 | 4:15 - 5:15 p.m.
Amber Perez, PN, MHA, CSPHP, Director of Clinical Services, Handicare

Safe patient handling and mobility (SPHM) is the best practice approach to applying ergonomic principles and solutions to the tasks of patient care. Successful program implementation results in drastic reduction of musculoskeletal injuries, the primary risk to caregivers. Ms. Perez will provide data-driven results and practical tools for implementing and supporting a successful SPHM program that will help caregivers choose ergonomic solutions in their everyday work tasks.

Session takeaways:
• Identify the risks of patient handling in healthcare
• Implement best practice SPHM ergonomic solutions
• Recognize the components of a successful program and program implementation

Expand Your Knowledge, Skill Set and Business by Learning Laboratory Ergonomics
Friday, August 25 | 8:30 - 9:30 a.m.
Terri Schönbrod, CIE, Senior Ergonomist, VSI Ergonomics and Risk Management, Inc.

Opportunities for learning laboratory ergonomics are few and far between. This is your chance to explore the ABCs of performing an ergonomic evaluation in a lab setting, including how to identify common risks that are unique to labs. Don’t miss this rare opportunity to enhance your corporate value and expand your ergo skillset by learning the fundamentals of laboratory ergonomics.

Session takeaways:
• Recognize ergonomic risk factors common in a lab setting
• Offer solutions and strategies to mitigate ergonomic risk
• Identify common ergonomic products recommended in a lab setting

This is your best opportunity to see, touch and compare a variety of products side-by-side including:

- Anti-Fatigue & Safety Matting
- Anti-Vibration Protection
- Automation Devices/Equipment
- Carpal Tunnel Aids/Prevention
- Casters & Wheels
- Computer Keyboards, Mice & Alternative Input Devices
- Computer Monitor Stands, Mounts & Arms, & Accessories
- Exoskeletons
- Footwear, Orthotics & Support Products
- Furniture for Healthcare/Lab, Industrial & Office Settings
- Healthcare Lifting & Positioning Equipment, Workstations & Carts
- Height Adjustable Furniture & Workstations
- Industrial & Office Seating
- Lifting Equipment
- Occupational Pre-Employment Testing/Screening
- Push/Pull Assist Equipment
- Software & Apps
- Wellness/Fitness Products & Services

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“With educational sessions and a hands-on expo, this is what I call a ‘value-added conference’ — perfect for keeping up with new products and current thinking in the industry.”
-Tricia Salzar, Ergonomist, U.S. Army Public Health Command Central
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<td><strong>Daily Pass</strong></td>
<td>$750</td>
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- **Basic Pass** includes access to and program materials for Aug. 23 - 25 sessions, Keynotes, continental breakfasts (Wed. - Fri.), refreshment breaks, lunches (Wed. & Thurs.) and all activities held within the Expo.
- **Premium Pass** includes Basic Pass deliverables plus access to and program materials for Aug. 22 workshops.
- **Daily Pass** includes access on the day of your choice to sessions/workshops and program materials; continental breakfast, lunch, and refreshment breaks as available; and all activities held within the Expo.

**Team Discounts**

After the first 2 registrants at the prevailing rate, each additional registrant saves 20% off that rate. To receive team rates, you must submit a minimum of 3 registrations from the same organization together. Discounted team rates cannot be combined with any other discount offer. No refunds will be given for discounts not taken at time of registration.

<table>
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<tr>
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<th>Premium Pass</th>
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<td><strong>Premium Pass</strong></td>
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<td><strong>Basic Pass</strong></td>
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</tbody>
</table>

**Hotel Accommodations**

**Paris Las Vegas Hotel**
3655 Las Vegas Boulevard South
Las Vegas, NV 89109

- **Non-Government Rate**: $179 single/double + taxes
- **Group Code**: SPERG7

**Government Rate**: $102 single/double + taxes
- **Group Code**: SPERG7D

**Reservations**: (877) 603-4389
(A processing fee per reservation will be incurred for bookings made by phone)

A daily resort fee of $29 per room, per night plus the current Clark County room tax of 12.5% (subject to change), will be charged in addition to the room rates.

**Continuing Education**

Premium and Basic Pass holders earn a certificate of attendance that documents the number of education hours earned at the Conference. You can apply for continuing education credits from these organizations that routinely approve ErgoExpo:
- BCPE (Board of Certification in Professional Ergonomics)
- BCSP (Board of Certified Safety Professionals)

**Special Needs**

The Conference Staff is available to accommodate persons with special needs. Please register at least 4 weeks prior to the conference and call 1-800-727-1227 with your request. TTY: 561-799-6633.

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The ONLY conference many of your industry peers attend. See why inside.

August 22 - 25, 2017
Paris Las Vegas Hotel
www.ErgoExpo.com

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