



Rachel Michael, CPE, CHSP

Ergonomics & Hospitality Practice Thought Leadership
Aon Risk Solutions – Global Risk Consulting

Current Responsibilities:

Rachel Michael, CPE is Thought Leader of the ergonomics practice group within Aon Global Risk Consulting developing solutions that drive safety, efficiency and productivity for a global client base. Rachel holds a Master's degree in Ergonomics and currently sits on the board of directors for the Board of Certification in Professional Ergonomics (BCPE). In January 2016, Rachel was named as the Hospitality industry practice thought leader bringing industry best practices to our risk consultants and clients.

Special Areas of Expertise:

Rachel has experience implementing successful ergonomics controls and programs in diverse industries including hospitality, retail, manufacturing, distribution, defense, government, office and tribal entities.

Prior Industry Experience:

- Director, Vice President at Board of Certification in Professional Ergonomics (BCPE). Rachel drives financial viability and sustainability while continuing the mission of providing ergonomics certification to protect the public, the profession, and its professionals by assuring the highest standards of competency. 2011-Present
- As Senior Vice President, Senior Consultant at Marsh Risk Consulting, Rachel managed national and international teams and accounts to drive continuous reductions in Total Cost of Risk and operational improvements. 2004-2014
- Consultant and Technical Writer — Ergoweb, Inc. Rachel provided clients with consulting services for risk and injury reduction, employee training, and job and process design recommendations. Rachel was a technical writer for Ergonomics Today™ and The Ergonomics Report™ and also authored OSHA outreach materials related to ergonomics. 1999-2004
- Manager of Doping Control for Nordic Sports Venue - Salt Lake Organizing Committee (SLOC) — 2002. As Manager of urine based doping control for the Nordic Sports Venue of the 2002 Olympic and Paralympic Games Rachel organized and led teams of volunteer and paid staff to execute the highest level of quality and protocol adherence while working to meet with international broadcasting interests and deadlines. Her work was thoroughly reviewed and found to be without error during eighteen months of arbitration which ultimately led to the loss of awarded medals to three athletes. 2000-2002

Education:

Luleå Tekniska Universitet (Luleå Technical University), Sweden — Masters of Science, Ergonomics. *Error and Injury Reduction in Hospital and Retail Pharmacies*. 1999.

Certifications:

- Certified Professional Ergonomist (CPE)
- Certified Health Care Safety Professional (CHSP)

**Publications,
Speaking and
Affiliations:**

Michael, Rachel. (8/10/16) Getting the Most from Wearables: 6 Tips. How choosing the right technology can improve safety and work processes. *EHS Today*. Retrieved from <http://ehstoday.com/health/getting-most-wearables-6-tips>

Michael, Rachel. (August 2016) Aon Reports Findings on Ergonomics Program Management. *Professional Safety*, 19.

Gonzalez, G. (Interviewer) & Michael, R. (interviewee). (7/20/16) Leading or lagging, near misses indicate workplace safety risks. *Business Insurance*. Retrieved from [subscriber only access] <http://www.businessinsurance.com/article/20160720>

Gonzalez, G. (Interviewer) & Michael, R. (interviewee). (6/25/16) Ergonomics professionals seek shift to risk-based data. *Business Insurance*. Retrieved from [subscriber only access] <http://www.businessinsurance.com/article/20160624>

Ireland, A. (Interviewer) & Michael, R. (interviewee). (5/24/16) Safety 2.0. *Risk & Insurance*. Retrieved from <http://www.riskandinsurance.com/safety-2-0/>

Michael, Rachel; Smith, Scott; Connery, Robert: United States. *Aon Risk Alert: California Employers Required to Allow Employees to Work from Seated Positions*. Chicago, IL: Aon plc, 2016. PDF. Retrieved from <http://now.eloqua.com/es.asp?s=526&e=415933&elq=63d127c1412c45d0813ff615c8b549db>

Michael, Rachel; Connery, Robert; Nassif, George: United States. *Aon Risk Alert: Employee Freezer Fatality*. Chicago, IL: Aon plc, 2016. PDF.

Michael, Rachel; Smith, Scott. United States. *2015 Safety Management Function: Current State of Ergonomics Programs*. Chicago, IL: Aon plc, 2016. PDF. Retrieved from <http://www.aon.com/risk-services/casualty.jsp>

Editor. (Interviewer) & Michael, R. (interviewee). (3/13/16) Ergonomics Benefits Employer and Employees (video interview). *Business Insurance*. Retrieved from <http://bit.ly/1S09hCp>

Editor. (Interviewer) & Michael, R. (interviewee). (1/18/16) Wearables for workplace safety (video interview). *Business Insurance*. Retrieved from <http://bcove.me/rpkzif9l> and <http://www.businessinsurance.com/article/20160117/VIDEO/160119858/business-insurance-in-focus-video-wearable-technology-being-used-to>

Michael, Rachel. (11/24/15) Combatting workplace fatigue: To sit or not to sit? *PropertyCasualty360*°. Retrieved from http://www.propertycasualty360.com/2015/11/24/combating-workplace-fatigue-to-sit-or-not-to-sit?t=workers-compensation&ref=rss&page_all=1

Goldberg, S. (Interviewer) & Michael, R. (interviewee). (11/8/15) Exercise balls, treadmill desks not designed for ergonomic purposes. *Business Insurance*. Retrieved from [subscriber only access] <http://www.businessinsurance.com/article/20151108/NEWS08/151109792/experts-say-exercise-balls-treadmill-desks-are-not-ergonomic-and?tags=|304>

Goldberg, S. (Interviewer) & Michael, R. (interviewee). (11/8/15) Ergonomics can be a

simple, low-cost solution to pricey workers' comp expenses. *Business Insurance*. Retrieved from [subscriber only access]

<http://www.businessinsurance.com/article/20151108/NEWS08/311089991/ergonomic-solutions-can-be-a-simple-low-cost-way-for-employers-to?tags=|304>

Michael, R., Smith, S. (11/2/2015). Building Ergonomics into Remote Work Policies. *Risk Management*. Retrieved from <http://www.rmmagazine.com/2015/11/02/building-ergonomics-into-remote-work-policies/>

2015- Present: Ergonomics Practice Specialty Administration, American Society of Safety Engineers (ASSE)

2011-Present: Director, Board of Certification in Professional Ergonomics (BCPE). Current Vice President

2011- Certified Healthcare Safety Professional (CHSP)

2009-2011: Editor *The Professional Ergonomist*.

2008: "Top 30 Under 30". *Consulting Magazine*. January/February.

2007: "Tips for Ergonomic Order Picking" *Modern Materials Handling*. January.

2005: "Ergonomics in Pharmaceutical Manufacturing" *Pharmaceutical Manufacturing* Nov/Dec. Pages 38-42.

2003-06: Eastern Ergonomics and National Ergonomics Conference and Exposition: *Ergonomics Strategies for the Pharmaceutical Industry; Ergonomics In Design; Ergonomics and an Aging Workforce, Measuring Office Ergonomics Programs, Ergonomics in Warehouse Slotting Operations*.

2002. "RIMS Report 2002" *Business Insurance*.

2001-2003: Contributor to *Ergonomics Today*™ and *The Ergonomics Report*™

2001. The CEO Refresher. March 1.

2001 Summer. *Environmental Quality Management*. "Ergonomics: It's Here to Stay, Despite the OSHA Standard Repeal" Volume 10, Issue 4. Pages: 57-63

2000. "The Chill Factor-Ergonomics and Cold Weather" *Utility Safety* Vol. 3, No. 6.

2000: ErgonAxia International Conference, Warsaw, Poland. Session Chair and Presenter, "MSD Risk Factors in Two Swedish Pharmacies"