

**Tracy L. Zontek, Ph.D.**

***Dissertation: Factors Contributing to Occupational Injuries in Direct***

**M.S.P.H.; University of Iowa College of Public Health, Iowa City, IA**





Hubble, M.W., Richards, M. E. (2010). Predictors of influenza vaccination among EMS personnel. *Prehospital Emergency Care* 15(2), 139-148.

Jankovic, J.T., Ogle, B.R., and Hollenbeck, S. (2010). Characterizing aerosolized particulate as part of a nanoproces exposure assessment. *International Journal of Occupational and Environmental Health*, volume 16.4.

Jankovic, J.T., Hollenbeck, S., and (2010). Ambient air sampling during quantum-dot spray d.8 (l)4.8nopeg-10 (.) -0.004 Tw (Z)8.3 (o)5.8 (n)0.6 (te)-2 (k)TJ0.003 Tc 0essInttel, S1.253

by Western Carolina University Office of Assessment, *Retention  
of Student Wellness Concepts at WCU*

Ogle, B.R., and Zontek, T.L. (2011). *Consumer chainsaws: Why the homeowner should go electric*. Poster Presentation at American Society of Safety Engineers National Professional Development Conference, Chicago, IL. June 12 - 15, 2011.

Zontek, T.L., Hubble, M.W., Richards, M.E., and Ogle, B.R. (2011). *Predictors of influenza vaccination among EMS personnel*. Poster Presentation at American Society of Safety Engineers National Professional Development Conference, Chicago, IL. June 12 - 15, 2011.

Ogle, B.R. and Zontek, T.L. (2010). *Occupational health and safety impacts of nanoscale materials*. Presentation at Western NC Safety and Health School conference. November 10, 2010, Asheville, NC.

Zontek, T.L. (2010). *Making sense of nanomaterials*. Presentation at American Society of Safety Engineers, Region VI Professional Development Conference, September 22 - 24, 2010, Myrtle Beach, SC.

Zontek, T., Ogle, B., Jankovic, J. & Hollenbeck, S. (2010). *An updated protocol for nanoscale material air monitoring*. Poster presentation at National Environmental Health Association Annual Educational Conference and Exposition, June 5-9, 2010, Albuquerque, NM.

Ogle, B., Zontek, T., Jankovic, J. & Hollenbeck, S. (2010). *Freeware contour mapping of ambient nanoscale particles*. Poster presentation at National Environmental Health Association Annual Educational Conference and Exposition, June 5-9, 2010, Albuquerque, NM.

Ogle, B. & Zontek, T. (2009). *Chinese drywall: Are your walls making you sick and ruining your heat pump?* Poster presentation at American Society of Safety Engineers National Professional Development Conference San Antonio, TX, June 28 - July 11, 2009.

Zontek, T. & Ogle, B. (2009). *Psychosocial factors contributing to injuries in direct care workers*. Poster presentation at American Society of Safety Engineers National Professional Development Conference, San Antonio, TX, June 28 - July 11, 2009.

Zontek, T. & Byrd, B. (2009). *A review of vector-borne disease education in u(t)-23 Tc Da 20047-1p2T4/Mu5 .3. uu5 2. (o)*



Evans, E.M., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2016). *Blue light exposure vs. melatonin levels: LEDS are invading our homes and disrupting sleep*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2016.

Gower, K., Patton, C. & Zontek, T.L. (2016). *Safety culture evaluation: Does enhanced training change perceptions of summer student interns*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2016.

Phillips, H., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2016). *Comparison of aerosol monitoring instruments*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2016.

West, S. E., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2016). *Green laser pointers: Near-infrared leakage and related hazards*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2016.

Tighe, A., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2015). *A hazard analysis of the handheld 3D printing pen*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2015.

Calhoun, S., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2015). *Safety hazards associated with the Crayola marker airbrush*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2015.

Clark, S., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2015). *Hazard analysis of consumer grade 3D printer*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2015.

Mentzer, M., Pickel, J., Zontek, T.L., & Ogle, B.R. (2015). *Using radio frequency identification technology to manage chemical inventories*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2015.

Williams, R., Greeley, L., Zontek, T.L., & Ogle, B.R. (2015). *Emission of ultrafine particles from various base metals in TIG welding: Does the base metal affect the amount of ultrafine particles emitted during the TIG welding process?* Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2015.

Ricchio, J., Greeley, L., Zontek, T.L., & Ogle, B.R. (2015). *Heat stress monitoring—a case study: Is there evidence to support a revision of work practices?* Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2015.

Tompkins, A., Ogle, B.R., Zontek, T.L., Jankovic, J. & Hollenbeck, S. (2014). *Fog machine aerosol nanoscale characterization*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2014 and the American Industrial





Professional Development Conference, Myrtle Beach, SC, September 2012.

Fotopoulos, P., Ogle, B.R. & Zontek, T.L. (2012). *Understanding and controlling occupational exposure to rabies*. Presentation at the American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2012.

Hudson, C., Hustedt, K., Wittry, B., Zontek, T.L. & Ogle, B.R. (2012). *Vector identification and control procedure in a small Indian Health Service hospital*. Presentation at the American Society of Safety Engineers Region VI Professional Development

h

I2

n

p2

Sanxhaku, A. Ogle, B. & Zontek, T. (2009). *Hazard evaluation and PPE assessment at Student Health Services*. Presentation at American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2009.

Waldron, C., Zontek, T. & Ogle, B. (2009). *Comparing integrated sampling results with photoionization detector to encourage real-time monitoring of solvents*. Presentation at American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2009.

Voncannon, A. Zontek, T. & Ogle, B. (2009). *Using movable control areas to comply with International Building Code chemical storage limits*. Presentation at American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2009.

posters and presentations. Poster presentation at American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2007.

Schneller, A. J., Zontek, T. L., & Ogle, B. R. (2007). *Determining the impact of oil-based painting classes at the Fine and Performing Arts Center*. Poster presentation at American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2007.

Drakeford, A., Howe, J.Y., Jin, R., Peascoe, R. A., Walker, L.R., & Zontek, T. L. (2006). *Micro structural characterization of nuclear graphite materials using X-ray diffraction and electron microscopy*. Oak Ridge National Laboratory, Student Research Presentations. Also presented at Western Carolina University Undergraduate Research Expo.

Webster, A. L. & Zontek, T. L. (2006). *Retention of Wellness Concepts in WCU Students*. Presented at Western Carolina University Undergraduate Research Expo.

Berry, M., Drakeford, A, & Rudoff, P. (2005). *Wellness across the ages*. Presented to HSCC 101 classes and WCU administrators as part of the Western Carolina University Undergraduate Research Expo.

Butler, B., Hall, M., Taylor, A., Trogdon, C, & Vickers, J. (2005). *Barriers to first-year student wellness at Western Carolina University*. Presented to HSCC 101 classes and WCU administrators as part of the Western Carolina University Undergraduate Research Expo.

#### Awards

- Nominee, *Board of Governors Award for Excellence in Teaching*, October 2015
- Nominee, *First-Year Experience Faculty Advocate*, April 2015
- Finalist, *First-Year Experience Faculty Advocate*, April 2014
- *Board of Governor's Innovation in Teaching Award*, WCU College of Health and Human Sciences, May 2013
- *American Society of Safety Engineers National Outstanding Student Section Award*, June 2012
- *Safety Professional of the Year*, American Society y

*Sectional Lecturer, Spring 2002*

- EHST 6203 – Bioterrorism, Biosafety and Public Health Preparedness
- EHST 3701 – Industrial Hygiene Laboratory

*Student Research Committee Assistance – Spring 2002*

- Leslie Kantor – Master’s Research Project: *An Analysis of the Impact of Airborne Concentration of Honing Generated Beryllium Dust, and Operation Frequency on the Effectiveness of Clean-Up Procedures*, Committee Member.
- William DeLeo– Ph.D. Dissertation: *Safety Educators and Practitioners Identify the Competencies of an Occupational Safety Degree: An Application of the Delphi Technique*, Review Panel Expert.

, Richmond, Virginia

*Fixed Term Faculty, Office of Environmental Health and Safety, January 1998 – November 2000.*

- *Sectional Lecturer, Virginia Microelectronics Center Process Education and Research Safety, October 1998 - November 2000.*
- *Sectional Lecturer, Chemical Engineering Research Laboratory Safety, September 1999.*
- *Sectional Lecturer, Health and Safety Considerations in a Microelectronics Cleanroom, February 2000.*
- *Sectional Lecturer, Laboratory Safety, Microbiology 512, November 1998, 1999.*

- *National Environmental Health Association Annual Educational Conference and Exposition, Albuquerque, NM, June 2010*
- *American Society of Safety Engineers Piedmont Section Professional Development Conference, Greenville, SC, March 2010*

*Fall 2008 – Summer 2009*

- *American Society of Safety Engineers Conference, San Antonio, TX, June 2009*
- *American Society of Safety Engineers Piedmont Section Professional Development Conference, Greenville, SC, March 2008*

*Fall 2007 – Summer 2008*

- *DOE Symposium, Safe Handling of Engineered Nanoscale Materials. Argonne National Laboratory, Chicago, IL, July 2008*
- *National Environmental Health Association Annual Educational Conference and Exposition, Tucson, AZ, June 2008*
- *American Society of Safety Engineers Conference, Las Vegas, NV, June 2008*
- *American Society of Safety Engineers Region VI Professional Development Conference, Myrtle Beach, SC, September 2007*
- *Passages to eLearning, Maggie Valley, NC, November 2007*

*Fall 2006 – Summer 2007*

- *UNC Teaching and Learning with Technology Conference, Raleigh, NC, March 2007*
-



- Coordinated with Air Force laboratories, industry and academia to develop programs or identify off-the-shelf technology to resolve compliance deficiencies.
- Assisted in documenting this work in the *USAF Environment, Safety and Occupational Health Research Development & Acquisition Strategic Plan*, used by the Deputy Undersecretary for Defense (Environmental Security) to determine program funding.