

Curriculum Vitae – 2023

I. PERSONAL DATA

A. Name: **Steven Moss Thygerson**
B. Birth Date: May 2, 1973
C. Birthplace: Provo, Utah, USA

II. EDUCATION

A. Doctor of Philosophy (Ph.D.): Environmental Health; December 2006; Colorado State University, College of Veterinary Medicine and Biological Sciences, Department of Environmental Health; Fort Collins, Colorado.

Area of Specialization: Industrial Hygiene Methods, Intervention Research
Dissertation Title: Increasing Use of Respirators through a Leadership-Based Intervention Model

B. Master of Science in Public Health (MSPH): Industrial Hygiene; May 2001; University of Utah, Rocky Mountain Center for Occupational and Environmental Health and School of Medicine; Salt Lake City, Utah.

C. Baccalaureate Degree (B.S.): Zoology – Conservation Biology; August 1998; Brigham Young University, College of Biology and Agriculture, Department of Zoology; Provo, Utah.

D. Certifications: Certified by the American Board of Industrial Hygiene in the comprehensive practice of industrial hygiene (CIH), October 2006. CIH #9232.

E. Emergency Medical Technician (EMT-B): Trained through the Utah Academy of Emergency Medicine, Draper, UT, December 2007.

F. Certified Trainer: OSHA 10-hr and 30-hr General Industry Safety and Health Class.

III. PROFESSIONAL EXPERIENCE

A. Brigham Young University, July 2008 to present

Associate Professor of Occupational and Environmental Health

Department of Public Health

College of Life Sciences

Provo, UT

Instructor for occupational health & safety, toxicology, injury prevention, and health promotion courses.

Curriculum Director for the Environmental/Occupational Health emphasis.

Supervisor for undergraduate and graduate students conducting mentored research.

- B. Utah Safety Council – affiliate of the National Safety Council, 2012 to present.**
Salt Lake City, Utah
Current instructor for several occupational health and safety courses for continuing education.
- C. ABET Program Evaluator: Applied and Natural Science Accreditation Commission. 2015 to 2022.** Evaluate AIHA and ABET ANSAC accreditation criteria for several industrial hygiene academic programs in the United States.
- D. Workers Compensation Fund, January 2007 to June 2008**
Murray, Utah
Senior Safety and Health Consultant
Responsible for providing all aspects of occupational safety and health consultation services to a large client pool including industrial and construction companies, academic institutions, health care services, ski resorts, mining and oilfield companies.
- E. Eastman Kodak Company, January 2002 to January 2007**
Windsor, Colorado
Site Industrial Hygienist and Safety Manager
Responsible for all industrial hygiene programs, training and fieldwork with elimination, substitution and engineering controls for hazardous substances as top priority. Developed a new exposure assessment strategy for Eastman Kodak – Colorado Division. Site Radiation Safety Officer. Site program manager for confined space, lock out tag out, powered industrial trucks, fall protection, process safety management and asbestos. Lead injury/illness case management team with focus on prevention of injuries and illnesses. With new EHS vision, the OSHA Recordable Incident Rate decreased 3-fold from 2002 to 2007. Environmental Manager for solvent coating operations in Thermal and Digital Imaging Group. Site Incident Commander for HAZWOPER team. Site First Aid team member.
Supervisor of the Industrial Hygiene internship program with Colorado State University.
- F. OSHA Salt Lake Technical Center, November 1999 to June 2001**
Salt Lake City, Utah
Industrial Hygiene Research Associate
Team member for surface contamination method development. Developed the isocyanate surface sampling method to be used by OSHA compliance officers in the United States.
- G. R&R Environmental, Inc., May 2000 to June 2001**
Midvale, Utah
Industrial Hygienist/Asbestos Inspector and Management Planner
AHERA accredited and certified as Asbestos Inspector and Management Planner. Site Safety and Health Officer for asbestos abatement contractors. Responsible for final inspections and clearance sampling of asbestos abatement projects and employee training. Liaison for owners and contractors.

H. Sundance Resort/Restaurants, October 1994 to June 2000

Sundance, Utah

Manager/Server – Tree Room Restaurant

Supervisor for 15 employees in a 4-Star Restaurant.

I. Bridal Veil Falls Tram and Resort, May 1991 to October 1992

Provo Canyon, Utah

Assistant Tram Manager/Grounds Manager

Responsible for aerial tram operations including inspections and safety. Member of mountain rescue team. High angle technical rescue certified through Hansen Mountaineering, Inc.

IV. HONORS

Outstanding Research Award, College of Life Sciences, Brigham Young University, 2022.

AIHA Volunteer Service Award - 2020

Fulbright Senior Specialist 2019 – Awarded for research and teaching at the University of Limpopo, South Africa, July 15 to August 3, 2019.

IOHA (International Occupational Health Association) Collaboration Award 2018, for work done in the brick kilns of Nepal with Kathmandu University, Workplace Health Without Borders and Global Fairness Initiative.

Outstanding Teaching Award, College of Life Sciences, Brigham Young University, 2017

Fulbright Senior Specialist 2016 – Awarded for research and teaching in Nepal, September 1 to December 3, 2016.

Outstanding Internship Provider Award – Presented to Eastman Kodak Company – Colorado Division’s Industrial Hygiene Program, 2004-2005. Colorado State University

James D. DeField Memorial Scholarship, AIHA Rio Grande/Rocky Mountain Sections, September 2002.

NIOSH Fellowship – Colorado State University, September 2001.

Workers Compensation Fund Safe Workplace Scholarship, September 2000.

NIOSH Fellowship – University of Utah Rocky Mountain Center for Occupational and Environmental Health, September 1999.

V. PROFESSIONAL SOCIETIES AND COMMITTEES

Utah County Trauma Executive Committee (2012-2019)

Utah Passenger Ropeway Safety Committee

State Board Member for Tram and Ski Lift Safety (2010-2018) Vice Chair (2017 to 2018)

American Public Health Association (APHA)

Member – Injury Control and Emergency Health Services Committee

American Industrial Hygiene Association (AIHA) - member since 2002

Risk Assessment Committee (since 2008-2016) - member

Student and Early Career Professional Committee (2008-2012) - member

International Affairs Committee - Past Chair (2020) Chair (2019), Vice Chair (2018), Secretary (2017) – Member since 2014.

Workplace Health Without Borders (WHWB) (since 2014)

Member – Brick Kiln Committee; Education Committee

Member - Education and Training Committee

American Board of Industrial Hygiene (ABIH) - Diplomat

American Society of Safety Professionals (ASSP)

Faculty Adviser - Brigham Young University ASSP Student Section (since 2010) Utah Chapter Board Member (since 2014)

Vice-President – AIHA Colorado State Student Section (2001-2003)

VI. SCHOLARSHIP

Peer-reviewed Articles

Beard, J.D., **Thygerson, S.M.**, Olivares, A., Tadge, J., Willis, S., Johnston, J.D. Gaseous air pollutants and respirable crystalline silica inside and outside homes at brick kilns in Bhaktapur, Kathmandu Valley, Nepal. *International Journal of Environmental Research and Public Health*. 19(19): 12431. 2022. doi:10.3390/ijerph191912431.

Marmara, D., Mulugeta, H., **Thygerson, S.M.**, Ermias, A. Scabies among 5 to 14 years aged Children in Ethiopia. *International Journal of Public Health Science*. 11(3): 989-997. 2022. doi: 10.11591/ijphs.v11i3.21395.

Mulugeta, H., Birile, A., Ketema, H., Tesema, M., **Thygerson, S.M.** Non-fatal Occupational Injury Prevalence and Associated Factors in an Integrated Large-Scale Textile Industry Workers in Addis Ababa, Ethiopia. *International Journal of Environmental Research and Public Health*. 19: 2688. 2022

Roberts, M., **Thygerson, S.M.**, Beard, J.D., Clark, C., Montague, E. Occupational safety and health guidelines in relation to COVID-19 risk, death risk, and case fatality proportion: an international, ecological study. *Health Science Reports*. 5(2): e539. 2022. doi:10.1002/hsr2.539.

Mulugeta, H., Tamene, A., ~~Ashenafi, T.~~, **Thygerson, S.M.**, Baxter, N. Workplace Stress and Associated Factors among Vehicle Repair Workers in Hawassa City, Southern Ethiopia. *PLoS ONE*. 16(4): e0249640. 2021. doi:10.1371/journal.pone.0249640.

Mulugeta, H., Bediru, W., Ashuro, Z., **Thygerson, S.M.** Fall injury and socio-demographic characteristics among households in Ethiopia. *Indian Journal of Public Health Research and Development*. 11(12): 8. 2020.

Mulugeta, H., Tefera, Y., Abegaz, T., **Thygerson, S.M.** Unintentional injuries and socio-demographic factors among households in Ethiopia. *Journal of Environmental and Public Health*. 2020. <https://doi.org/10.1155/2020/1587654>.

Ijaz, M., Akram, M., Ahmad, S.R., Mirza, K., Nadeem, F.A., **Thygerson, S.M.** Risk factors associated with the prevalence of upper and lower back pain in male underground coal miners in Punjab, Pakistan. *International Journal of Environmental Research and Public Health*, 17: 14. 2020. doi:10.3390/ijerph17114102.

Tamene, A., Mulugeta, H., Ashenafi, T., **Thygerson, S.M.** Musculoskeletal Disorders and Associated Factors among Vehicle Repair Workers in Hawassa City, Southern Ethiopia. *Journal of Environmental and Public Health*, 2020. doi.org/10.1155/2020/9472357

Ijaz, M., Ahmad, S.R., Akram, M., Nadeem, F.A., Khan, W.U., **Thygerson, S.M.** Cross-Sectional Survey of Musculoskeletal Disorders in Workers Practicing Traditional Methods of Underground Coal Mining. *International Journal of Environmental Research and Public Health*. 17(7): 2566. doi: 10.3390/ijerph17072566.

Thygerson, S.M., House, M.J., Chaney, R.A., Sanjel, S. Prevalence of motorcycle helmet use in Kathmandu, Nepal: An observation study. *Studies of Engineering and Technology* 7(1). 2020.

Thygerson, S.M., Beard, J.D., House, M.J., Smith, R.L., Burbidge, H.C., Andrus, K.N., Weber, F.X., Chartier, R., Johnston, J.D. Air-quality assessment of on-site brick-kiln worker housing in Bhaktapur, Nepal: Chemical speciation of indoor and outdoor PM_{2.5} pollution. *International Journal of Environmental Research and Public Health*, 16(21): 1414. 2019. <https://doi.org/10.3390/ijerph16214114>.

Shrestha, S., **Thygerson, S.M.** Brick Kilns of Nepal: A non-governmental organization perspective. *Open Journal of Safety Science and Technology*, 9(1): 1-6. 2019.

Sanjel, S., **Thygerson, S.M.**, et al. Epidemiology of work-related musculoskeletal symptoms and illnesses among brick kiln workers in Kathmandu Valley, Nepal. *Kathmandu University Medical Journal*, 16(62): 132-139. 2018.

Sanjel, S., Khanal, S.N., **Thygerson, S.M.**, Carter, W.S., Johnston, J.D., Joshi, S.K. Exposure to respirable silica among clay brick workers in Kathmandu valley, Nepal. *Archives of Environmental and Occupational Hlth*. DOI:10.1080/19338244.2017.1420031. 2017.

Sanjel, S., Khanal, S.N., **Thygerson, S.M.**, Carter, W.S., Johnston, J.D., Joshi, S.K. Respiratory symptoms and illnesses related to concentrations of airborne particulate matter among brick kiln workers in Kathmandu valley, Nepal. *Annals of Occupational and Environmental Medicine*, 29 (9). DOI : 10.1186/s40557-017-0165-0. 2017.

Thygerson, S.M., Sanjel, S., Johnson, S.M. Occupational and environmental health hazard in the brick manufacturing industry in Kathmandu Valley, Nepal. *Occupational Medicine and Health Affairs*, 4: 248. doi:10. 4172/2329-6879.1000248. 2016.

Sanjel, S., Khanal, S.N., **Thygerson, S.M.**, Joshi, S.K. Environmental and occupational pollutants and their effects on health among brick kiln workers. *Open Journal of Safety Science and Technology*, 6: 81-98. doi:10.4236/ojsst.2016.64008. 2016.

Sanjel, S., Khanal, S.N., **Thygerson, S.M.**, Khanal, K., Pun, Z, Tamang, S., Joshi, S.K. Airborne particulate matter and health conditions in brick kiln workers in Kathmandu Valley, Nepal. *Kathmandu Medical Journal*, 54. 2016.

Merrill, R.M., **Thygerson, S.M.** Attention deficit hyperactive disorder and injuries in adults. *Pharmacopsychiatry*, 49(2): 45-50. 2016.

Fabian, L.A., **Thygerson, S.M.**, Merrill, R.M. Longboarding injuries in Utah County. *Emergency Medicine International*, 14: doi:10.1155/2014/924381. 2014.

Thygerson, S.M., West, J.H., Merrill, R.M. Field comparison of two sampling methods for triglycidyl isocyanurate. *Open Journal for Safety Science and Technology*. 3(4): 105-108. 2013.

Thygerson, S.M., and Ou, J. Characterizing University and college student employee

injuries: Methods and challenges. *Occupational Medicine & Health Affairs*. 1(4): 121-125. 2013.

Johnston, J. **Thygerson, S.M.**, Johnson, M. Quality of hand washing among BSL-2 laboratory workers. *Applied Biosafety*, 18(3): 116-121. 2013.

Steadman, M., Bush, J.K., **Thygerson, S.M.**, and Barnes, M.D. Graduated driver licensing provisions: An analysis of state policies and what works. *Traffic Injury Prevention*, DOI: 10.1080/15389588.2013.822493. 2013. 2013.

Thygerson, S.M., Lindsay, A.R., West, J.H., Thygerson, A.L. CPR apps for iPhones: A content analysis. *Journal of Consumer Health on the Internet*, 17(3): 241-255. 2013.

Ou, J., **Thygerson, S.M.**: Identification of Risk Factors and Characterization of Workplace Injuries in a University Student Population. *Industrial Health*, 50(5): 445-449. 2012.

Morey, G.E., **Thygerson, S.M.**, McNaughton, C.R., West, J.H.: Residential Methamphetamine Contamination in Utah: Knowledge, Perceptions and Attitudes. *Utah's Health: An Annual Review*, 2012.

Thygerson, S.M., West, J.H., Rassbach, A.R., Thygerson, A.L. iPhone apps for first aid: A content analysis. *Journal of Consumer Health on the Internet*, 16(2): 213-225. 2012.

Thomas, A.M., **Thygerson, S.M.**, Merrill, R.M., Cook, L.J.: Identifying work-related crashes in multiple data sources. *Traffic Injury Prevention*, 13: 348-354. 2012.

Thygerson, S.M. Hierarchy of hazard controls: Lessons learned. *Occupational Safety and Health*, Summer ed., 2012.

Thygerson, S.M., Thygerson, A.L.: Making Decisions: Paired Comparison Analysis. *Health Education Teaching Technique Journal*, 2: 20-27. 2012.

Thygerson, S.M., Merrill, R.M., Cook, L.J., Smith, A.: Comparison of factors influencing emergency department visits and hospitalization among drivers in work-related motor vehicle crashes in Utah, 1999-2005. *Accident Analysis and Prevention*, 43: 209-213. 2011.

Thygerson, S.M., Merrill, R.M., Cook, L.J., Smith, Thomas, A., Wu, A.: Epidemiology of Motor Vehicle Crashes in Utah. *Traffic Injury Prevention*, 12 (1): 39-47. 2011.

Merrill, R.M., **Thygerson, S.M.**, Anderson, A. Effectiveness of a Worksite Wellness Program on Health Behaviors and Personal Health. *Journal of Occupational and Environmental Medicine*, 53(9): 1008-1012. 2011.

Thygerson, S.M., Merrill, R.M. Traffic Citations According to Selected Demographics, Behaviors, and Injury Severity Factors among Drivers Involved in Crashes in Utah. *The Chronicle for Professional Driver Educators*, 58: 16-25. 2011.

West, J.H., Hall, P.C., **Thygerson, S.M.**, Edwards, E.S., Bennion, S.R., Bennet, C.: Hispanic Adolescents' Behavioral Intentions to Avoid Texting While Driving: An Application of the Theory of Planned Behavior *American Journal of Health Studies*, 26(1): 37-44. 2011.

Books

Thygerson, A.L., **Thygerson, S.M.**, Backer, H.D., Bowman, W.D., Paton, B.C., Steele, P.: Wilderness First Aid, Emergency Care for Remote Locations, 6th Ed. Sudbury, MA: Jones & Bartlett Publishing, 2022.

Thygerson, A.L., **Thygerson, S.M.**: Fit To Be Well: Essential Concepts, 6th Ed. Sudbury, MA: Jones & Bartlett Publishing, 2022.

Thygerson, A.L., **Thygerson, S.M.** First Aid, CPR and AED: Standard, 8th Ed.. Burlington, MA: Jones & Bartlett Learning, 2021.

Thygerson, A.L., **Thygerson, S.M.**, Gulli, B., Piazza, G.: First Aid, CPR and AED – Advanced, 8th Ed. Sudbury, MA: Jones & Bartlett Publishing, 2021.

Thygerson, A.L., **Thygerson, S.M.**: First Aid, CPR and AED Guide. Burlington, MA: Jones & Bartlett Learning, 2021.

Thygerson, A.L., **Thygerson, S.M.**: Fit To Be Well: Essential Concepts, 5th Ed. Sudbury, MA: Jones & Bartlett Publishing, 2018.

Thygerson, A.L., **Thygerson, S.M.**, Backer, H.D., Bowman, W.D., Paton, B.C., Steele, P.: Wilderness First Aid, Emergency Care for Remote Locations, 5th Ed. Sudbury, MA: Jones & Bartlett Publishing, 2017.

Thygerson, A.L., **Thygerson, S.M.**, Gulli, B., Piazza, G.: *First Aid, CPR and AED – Advanced, Seventh Ed.* Sudbury, MA: Jones & Bartlett Publishing, 2016.

Thygerson, A.L., **Thygerson, S.M.**: *First Aid, CPR and AED Guide.* Burlington, MA: Jones & Bartlett Learning, 2016.

Thygerson, A.L., **Thygerson, S.M.**: *First Aid.* Burlington, MA: Jones & Bartlett Learning, 2016.

Thygerson, A.L., **Thygerson, S.M.** *CPR and AED.* Burlington, MA: Jones & Bartlett Learning, 2016.

Thygerson, A.L., **Thygerson, S.M.** *First Aid, CPR and AED: Essentials.* Burlington, MA: Jones & Bartlett Learning, 2017.

Thygerson, A.L., **Thygerson, S.M.** *First Aid, CPR and AED: Standard.* Burlington, MA: Jones & Bartlett Learning, 2017.

Thygerson, A.L., **Thygerson, S.M.** *First Aid Field Guide.* Burlington, MA: Jones & Bartlett Learning, 2017.

Thygerson, A.L., **Thygerson, S.M.**: *Fit To Be Well: Essential Concepts*, 4th Ed. Sudbury, MA: Jones & Bartlett Publishing, 2016.

Thygerson, A.L., **Thygerson, S.M.**, Thygerson, J.S.: *Injury Prevention: Competencies for*

Unintentional Injury Prevention Professionals, 3rd Ed. Sudbury, MA: Jones & Bartlett Publishing, 2008

Thygerson, A.L., **Thygerson, S.M.**: *Wilderness First Aid Field Guide*, 1st Ed. Sudbury, MA: Jones & Bartlett Publishing, 2017

Book Chapters

Thygerson, S.M. International Education, Research and Service Opportunities for Students and Faculty in Higher Learning Institutions. In T.P. Fuller (Ed.) *International Occupational Hygiene: Building Pathways and Networks*. Taylor and Francis Group. Abingdon, UK. 2020.

Fabian, L.A., **Thygerson, S.M.**, Merrill, R.M. Boarding injuries. The long and short of it. *Top 5 Contributions in Critical Care & Emergency Medicine*, Avid Science, Berlin, Germany. 2019.

Other Publications

Rassbach, A.R. & **Thygerson, S.M.** Epigenetics: What occupational health need to know. *WHO Global Occ. Health Network*, No. 25, Winter, 2014.

Thygerson, S.M., Lawrence, R.: Determination of a Surface Sampling and Analytical Method for 1,6-Hexamethylene Diisocyanate, Method No. W4002, OSHA Salt Lake Technical Center, U.S. Department of Labor, Salt Lake City, Utah, 2002.
<http://osha.gov/dts/sltc/methods/validated/w4002/w4002.html>

Peer-reviewed Presentations (National)

Thygerson, S.M. Celebrating Global AIHA Microgrant Recipients. American Industrial Hygiene Association Conference and Exposition, Nashville TN, May 2022.

Mulugeta, H. **Thygerson, S.M.** Workplace stress and associated factors among vehicle repair workers in Hawassa City, Southern Ethiopia. American Industrial Hygiene Association Conference and Exposition, Nashville TN, May 2022.

Beard, J.D., Greenhalgh, M., Hawkes, E., Jones, B., Hamner, S. **Thygerson, S.M.** Keyword searches of O*NET job tasks for exposure assessment, United States of America. 28th International Symposium on Epidemiology in Occupational Health (EPICOH 2021). October, 2021.

Thygerson, S.M. “Global Environmental Health and Safety Organizations.” American Industrial Hygiene Association Conference and Exposition (virtual), Atlanta, GA, June 2020.

Thygerson, S.M. “Global EHS Markers: Delivering results and growing capacity.” American Industrial Hygiene Association Conference and Exposition (virtual), Atlanta, GA, June 2020.

Sanjel, S., **Thygerson, S.M.**, Khanal, S.N., Joshi, S.K. Brick kilns of Nepal: Recognizing the Hazards. American Industrial Hygiene Conference and Exposition. Seattle, WA. June, 2017.

Sanjel, S., **Thygerson, S.M.**, Carter, W. Similar Exposure Groups among Brick Kiln Workers in Nepal. American Industrial Hygiene Conference and Exposition. Baltimore, MD. May, 2016.

Merrill, R.M., **Thygerson, S.M.**, Brutsch, E. "Mental illness among acute burn patients." Annual Meeting of the American Public Health Association. Boston, MA. 2013.

Cowan, L., Magnussen, B., **Thygerson, S.** "Cell phone use while driving; How Utahns' risk perceptions and attitudes influence behavior across demographic factors." Annual Meeting of the American Public Health Association. Boston, MA. 2013.

Fabian, LA, **Thygerson, S.M.**, Merrill, R.M. "Longboarding injuries in Utah County." Annual Meeting of the American Public Health Association. Boston, MA. 2013.

Steadman, M., Bush, J.K., **Thygerson, S.M.**, and Barnes, M.D. "Graduated driver licensing provisions: An analysis of state policies and what works." Annual Meeting of the American Public Health Association. Boston, MA. 2013.

Thygerson, S.M., Lindsay, A.R., West, J.H., Thygerson, A.L. "iPhone apps for CPR: A content analysis." Annual Meeting of the American Public Health Association. San Francisco, CA. October, 2012.

Lindsay, A.R., **Thygerson, S.M.**, West, J.H., Thygerson, A.L. "iPhone apps for CPR: A content analysis." Emergency Cardiovascular Care Update. Orlando, FL. September, 2012.

Thomas, A.M., **Thygerson, S.M.**, Merrill, R.M., Cook, L.J. "Identifying Work-Related Motor Vehicle Crashes in Multiple Data Sources." Annual Meeting of the American Public Health Association. Washington, DC. November, 2011.

Rassbach, A.R., **Thygerson, S.M.** "Epigenetics and Human Disease: What Occupational Health needs to know." Annual Meeting of the American Public Health Association. Washington, DC. November, 2011.

Morey, G.E., **Thygerson, S.M.**, West, J.H., McNaughton, C. "Residential methamphetamine contamination: Knowledge, perceptions and attitudes." Annual Meeting of the American Public Health Association. Washington, DC. November, 2011.

Thygerson, S.M., Johns, G., Ou, J. University student employees: What were they thinking?" University Risk Management and Insurance Association Conference. Portland, OR. September, 2011.

Thygerson, S.M., Merrill, R.M., Cook, L.J., Thomas, A.M. "Comparison of Factors Influencing Emergency Department Visits and Hospitalization among Drivers in Work and Nonwork-related Motor Vehicle Crashes in Utah, 1999-2005." Annual Meeting of the American Public Health Association. Denver, CO. November, 2010.

Thygerson, S.M., Ou, J. "Characterizing University Student Employee Injuries: Methods and Challenges." Annual Meeting of the American Public Health Association. Denver, CO. November, 2010.

Ou, J., **Thygerson, S.M.** “Risk Factors for Student Employee Injury.” Annual Meeting of the American Public Health Association. Denver, CO. November, 2010.

Thygerson, S.M., Merrill, R.M., West, J.H., Welling, R. “Field Comparison of Two Sampling Methods for Triglycidyl Isocyanurate (TGIC).” American Industrial Hygiene Conference and Exposition, Denver, CO. May, 2010.

Thygerson, S.M., Merrill, R.M., Cook, L.J., Thomas, A. “Utah Crash Outcome Data Evaluation System (CODES): A Potential Tool for Evaluation of Work-Related Motor Vehicle Crashes.” International Conference on Road Safety at Work, Washington, DC. February, 2009.

Thygerson, S.M. “Determination of a Surface Sampling and Analytical Method for 1,6-Hexamethylene Diisocyanate”, American Industrial Hygiene Association Conference and Exposition, San Diego, CA, June 2002.

Presentations (International)

Thygerson, S.M. Silica exposures among brick workers throughout the world. Workplace Health Without Borders, UK Branch Meeting. Manchester, England, January 2022.

Thygerson, S.M. Protecting workers’ health in brick kilns: A global collaboration. OSH India 2021, Annual Conference. Mumbai, India, December 2021.

Mulugeta, H., **Thygerson, S.M.**, et al. Workplace stress and associated factors among vehicle repair workers in Hawassa City, Southern Ethiopia. 12th Annual European Congress on Tropical Medicine and International Health. May, 2021.

Thygerson, S.M. Global occupational health awareness. Workplace Health Without Borders International Webinar, Toronto, Canada. February 2021.

Thygerson, S.M. Occupational and residential exposure assessment in Nepal Brick Kilns. Alliance for a Healthier World Meeting, Johns Hopkins University, Baltimore, MA. January 2021.

Thygerson, S.M. Noise-induced hearing loss in the workplace. University of Limpopo Forum, Polokwane, South Africa. July, 2019.

Thygerson, S.M. Occupational Toxicology. University of Limpopo Forum, Polokwane, South Africa. July, 2019.

Thygerson, S.M. Workplace Health Without Borders – OHS Training in Mozambique. International Occupational Health Association Meeting, Washington, DC, October 2018.

Thygerson, S.M. Silica exposures among young workers in the brick kilns of Nepal. International Occupational Health Association Meeting, Washington, DC, October 2018.

Thygerson, S.M., Achariya, H., Sanjel, S. International Collaboration Award Presentation on the Brick Kilns of Nepal. International Occupational Health Association Meeting,

Washington, DC, October 2018.

Thygerson, S.M. Developing curriculum and training at the University of Eduardo Mondlane, Maputo, Mozambique. International Congress on Occupational Health, Dublin, Ireland, April 2018.

Parker, D.L., Thygerson, **S.M.**, Sanjel, S., and Joshi, S.K. Silica exposures among young brick workers in Nepal. International Congress on Occupational Health, Dublin, Ireland, April 2018.

Sanjel, S., **Thygerson, S.M.**, Khanal, S.N., Joshi, S.K. Concentration of Particulate Matter and Respiratory Illnesses among Brick Kiln and Grocery Workers. National Summit of Health and Population Scientists in Nepal. Kathmandu, Nepal. April, 2017.

Parker, D., **Thygerson, S.M.**, Sanjel, S. Silica exposures and tuberculosis among brick Kiln workers in Nepal. Epidemiology in Occupational Health Conference (EPICOH). Barcelona, Spain. 2016.

Thygerson, S.M. Noise-induced hearing loss in the workplace. Kathmandu University Forum, Dhulikhel, Nepal. January, 2016.

Thygerson, S.M. Investigating links between environmental pollutions and occupational health hazards among brick kiln workers in Kathmandu Valley. Webinar for Workplace Health Without Borders (WHWB) organization. Toronto. May, 2015.

Thygerson, S.M. Fundamentals of occupational health. Taught at Kathmandu University, Dhulikhel, Nepal. 2015.

Thygerson, S.M. Physicians role in occupational health. Taught at Dhulikhel Teaching Hospital, Dhulikhel, Nepal. 2015.

Invited Presentations (State)

Thygerson, S.M. Occupational exposures among brick kiln workers in Nepal. Utah Conference on Safety and Industrial Hygiene, Salt Lake City, UT. October, 2022.

Thygerson, S.M. The Industrial Hygienist Utah Safety Conference (virtual). Salt Lake City, UT. March 2022.

Thygerson, S.M. Beyond borders: A global perspective of occupational health. Utah Conference on Safety and Industrial Hygiene, Salt Lake City, UT. October, 2020.

Thygerson, S.M., House, M. Silica exposures among workers in the brick kilns of Nepal. Utah AIHA Section Meeting. Salt Lake City, UT. 2019.

Thygerson, S.M. Noise-induced hearing loss: practical application for prevention. Utah Safety Conference. Sandy, UT. 2018.

Fabian, L., **Thygerson, S.M.**, Merrill, R.M. Longboarding injuries. Excellence in Trauma and Critical Care, Salt Lake City, UT. September, 2015.

Thygerson, S.M. Scaling mountains to reduce workplace motor vehicle crashes. Utah

Safety Council. May, 2015.

Thygerson, S.M., Hatch, A. “Reducing work-related motor vehicle crashes.” Utah Conference on Safety and Industrial Hygiene, Salt Lake City, UT. October, 2014.

Thygerson, S.M. “Hazards associated with isocyanates”. Utah Safety Council. October 2014.

Lindsay, A.R., **Thygerson, S.M.**, West, J.H., Thygerson, A.L. “iPhone apps for CPR: A content analysis.” Utah Public Health Association Conference, Sandy, UT. April, 2012.

Rassbach, A.R., **Thygerson, S.M.** “Epigenetics and Human Disease: What Public Health needs to know.” Utah Public Health Association Conference, Sandy, UT. April, 2011.

Thygerson, S.M. “The Real Costs of Motor Vehicle Crashes to Employers.” Traffic Safety Management Seminar, Utah Network of Employers for Traffic Safety. Salt Lake City, UT. June, 2010.

Thygerson, S.M., Thygerson, A.L. “Learning is not a Spectator Sport.” Health Education Association of Utah, Salt Lake City, UT. March, 2010.

Thygerson, S.M. “Office Ergonomics”, CPCU Annual Meeting, Salt Lake City, UT, August 2007.

Thygerson, S.M. “Confined Space Safety Techniques”, 24th Annual Utah Conference on Safety and Industrial Hygiene, Salt Lake City, UT, October 2007.

Invited Presentations (Local)

Memcott, G., **Thygerson, S.M.** A global emergency: Priorities for reforming the International Emergency Medical System. BYU Life Sciences Poster Competition, Provo, UT. March, 2021.

Thygerson, S.M. Occupational Health Programs at BYU-Provo: Training up the future. Risk Management and Safety Conference, Salt Lake City, UT. September, 2017.

Rassbach, A.R., **Thygerson, S.M.** “Epigenetics and Human Disease: What Public Health needs to know.” Global Family Health Conference, Provo, UT. March 2011.

Thygerson, S.M. “Occupational Health.” BYU Public Health Association Annual Conference, Provo, UT. April, 2011.

Thygerson, S.M., Merrill, R.M. “University Student Employee Health and Safety.” Risk Management and Safety Conference, Provo, UT. August, 2009.

Thygerson, S.M. “OSHA’s Top Ten”, Risk Management and Safety Conference, Provo, UT. August 2008.

VII. EXTERNAL FUNDING (funded unless indicated)

Brick kilns: A neglected by serious occupational and environmental risk factor. National

Institute s of Health (NIH). 2022. Co-investigators: Gurumurthy Ramachandran, Darryn Waugh, William Checkley, Laura Nicolaou, A. Lama, **Steven Thygerson**, David Parker, Sunil K. Joshi, Darpan Das. \$268,944 for BYU. Total grant \$10 million. Current under review.

Intervention of occupational injury through applying occupational safety practices in large-scale textile industries in Ethiopia. American Industrial Hygiene Association Emerging Economies Microgrant. 2020. Co-investigators: Hailemichael Mulugeta, **Steven Thygerson**. \$3200.

Improving brick kiln design in Nepal to reduce exposures to airborne particulates and silica and respiratory diseases, Johns Hopkins University Healthier World Challenge Impact Grant. 2019. Co-Investigators: Gurumurthy Ramachandran, Darryn Waugh, William Checkley, Peter DeCarlo, Laura Nicolaou, Yuan Shao, **Steven Thygerson**, David Parker. \$250,000.

Building Occupational Health Capacity Training Grant. Developing World Outreach Initiative (DWOI). Karnali Academy of Health Sciences, Jumla, Nepal. 2019. \$500.

Expanding Brick Kiln Worker Protection Global Fairness Initiative. August 2018 - August 2022 (P0171035) Silica and Respiratory Illnesses in Nepal Health Partners Institute 2017- 2022. \$18,117. (not funded).

Respirator Fit Testing IHC, March 2012 - February 2018 (R0602385). Renewed in 2020 for an additional \$3160.

Respirator Fit Testing IHC, March 2018 - February 2021 (R0602385). \$4160.

Respirator Fit Testing IHC, March 2012 - February 2018 (R0602385). \$4160.

Equipment Grant - Air Flow Measurements Bios International, Inc. August 2008 - October 2008. \$1500.

Noise Dosimeter Equipment Grant, Larson-Davis/PCB Peizotronics, August 2008 – October 2008. \$7000.

Internship Grant Spencer Education Foundation, Inc. February 2012 - September 2012 (R0502153). \$3000.

Fit Testing at IHC Workmed clinic - Springville, UT Intermountain Health Care. January 2011 - December 2011 (R0602355). \$1340.

Internship Grant Spencer Education Foundation, Inc. March 2010 - August 2011 (R0502117). \$6000.

Internship Grant Spencer Education Foundation, Inc. May 2009 - August 2009 (R0502109). \$3000.

Methamphetamine Public Perception Study Utah Department of Health. January 2009 - April 2009 (R0402142). \$4000.

VIII. UNIVERSITY FUNDING

Silica and Respiratory Illnesses in Nepal, Brigham Young University, College of Life Sciences Grants on the Edge Funding, 2019. \$8,000.

Graduate Mentoring Grant for MPH students to work in the Nepal brick kilns. 2018. \$14,000.

International Research Award Kennedy Center for International Studies. Funded to conduct brick kiln research in Nepal. December 2018. \$5000.

International Research Award Kennedy Center for International Studies. Funded to conduct research in Nepal. December 2017. \$5000.

International Travel Award Kennedy Center for International Studies. Funded to present research in Dublin, Ireland November 2017. \$1000.

Teaching Enhancement Grant- BYU-College of Life Sciences. Funded student fieldtrip to Moab, UT for 12 students. November 2016 - November 2017. \$2605.

Teaching Enhancement Grant- BYU-College of Life Sciences. Funded student fieldtrip to Zion National Park for 15 students. November 2015 - November 2016. \$2355.

Teaching Enhancement Grant - BYU-College of Life Sciences. Funded student fieldtrip to St. George, UT. For 12 students. November 2014 - November 2015. \$1945.

Teaching Award Teaching Enhancement Grant - BYU-College of Life Sciences. Funded student fieldtrip to Zion National Park for 16 students. November 2013 - November 2014. \$1475.

Enhancement Grant - BYU-College of Life Sciences. Funded student fieldtrip to Zion National Park for 14 students. November 2012 - November 2013. \$2575.

Research/Creative Work Award. Factors Associated with Motor Vehicle Crashes BYU-College of Health & Human Perf. February 2009 - December 2010. \$3320.

Research/Creative Work Award. University Student Employee Health and Safety BYU-College of Health & Human Perf. August 2009 - August 2010. \$1200.

Research/Creative Work Award. Field Comparison of Sampling Methods for Triglycidyl Isocyanurate. BYU-Faculty Fellowship-HHP January 2009 - August 2009. \$3665.

Research/Creative Work Award. Exposure Assessment for Hydrogen Cyanide in the Carbon Fiber Manufacturing Industry. BYU-Mary Lou Fulton Chair-HHP August 2008 - August 2009. \$3260.

IX. UNIVERSITY AND CONTINUING EDUCATION TEACHING

Environmental Toxicology, University of Limpopo, Polokwane, South Africa. July 2019 (8 students).

Fundamentals of Noise-induced Hearing Loss, University of Limpopo, Polokwane, South Africa. July 2019 (8 students).

Foundations in Occupational Health and Safety (40 hours), University of Eduardo Mondlane, Maputo, Mozambique. March 2018. Taught in Portuguese. (32 students).

Occupational Health Laboratory (HLTH 429) - Brigham Young University (new prep, Winter 2018).

Occupational Health – Kathmandu University, School of Medical Sciences. Fall 2016, 75 students.

Occupational Health – Kathmandu University, School of Science. Fall 2016, 25 undergraduate students.

Toxicology – Kathmandu University, School of Medical Sciences. Fall 2016. 18 masters in nursing students.

Toxicology (HLTH 426) – Brigham Young University (new prep Fall 2012, 25 students)

Occupational Safety and Health (HLTH 324) – Brigham Young University (25-45 students per semester)

Injury and Violence Prevention (HLTH 420) – Brigham Young University (45-65 students per semester)

Foundations of Public Health and Health Promotion (HLTH 600) – Brigham Young University (12-15 graduate students)

Air Sampling for Toxic Substances – University of Utah (15 students)

Temperature Stress Evaluation and Control – Colorado State University (8 students)

Fundamentals of Industrial Hygiene – University of Utah (8 students)

Asbestos Inspector Course – University of Utah (40 students)

Asbestos Inspector Course – Riverton City (30 students)

X. PERSONAL

Married to Adrienne (Poulsen) Thygerson. 4 children: Jakob, Tanner, McKinley and Anders

Served Full-time LDS Church mission to Recife, Brazil, 1992-1994.

Eagle Scout, Scoutmaster, Cub Scout Den Leader, Varsity Scout Coach.

Enjoys skiing, golf, rock and mountain climbing, backpacking, mountain biking and geocaching.

Coaches youth sports – baseball and U13 girls competitive soccer.

Coach for First Lego League Robotics Competition (Champions Award 2010, 2011, 2012). Regional champion 2014; Innovative Solutions award 2014.

Safety mentor for FIRST FRC high school robotics team, 2014-2019.

Speaks Portuguese and Spanish.