

CURRICULUM VITAE

Natalie Virginia Schwatka, PhD, AEP

I. CURRENT POSITION

Assistant professor, tenure track Department of Environmental and Occupational Health
Center for Health, Work and Environment
Colorado School of Public Health
University of Colorado, Anschutz Medical Campus

Work address Center for Health, Work and Environment
Colorado School of Public Health
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II. EDUCATION

2011 – 2014 Doctor of Philosophy, Environmental Health, Ergonomics & Human Factors Specialization, Colorado State University, Fort Collins, CO
Dissertation: “Managing through measurement: Occupational health and safety in the construction industry”

2010 Internship, Risk Management, Pinnacol Assurance, Denver, CO

2009 – 2013 Centers for Disease Control/National Institute for Occupational Safety and Health Mountain & Plains Education and Research Center Fellowship

2009 – 2011 Master of Science, Environmental Health, Ergonomics & Human Factors Specialization, Colorado State University, Fort Collins, CO
Thesis: “The impact of the aging workforce on injury in the construction industry”

2008 Research Assistant, Department of Public Health & Preventative Medicine, Oregon Health Sciences University, Portland, OR

2005 – 2008 Bachelor of Arts, Psychology, University of Portland, Portland, OR

III. ACADEMIC POSITIONS

2017 – Present Assistant professor (tenure track), Department of Environmental and Occupational Health, Center for Health, Work and Environment, Colorado School of Public Health, University of Colorado, Anschutz Medical Campus

- 2015 – 2017 Instructor, Department of Environmental and Occupational Health,
Center for Health, Work and Environment, Colorado School of Public
Health, University of Colorado, Anschutz Medical Campus
- 2014 - 2015 Research Associate, Center for Health, Work and Environment,
Department of Environmental and Occupational Health, Colorado
School of Public Health, University of Colorado, Anschutz Medical
Campus

IV. AWARDS & HONORS

- 2019 Delta Omega National Honorary Society in Public Health
- 2012 – 2013 DeField – Buchan Memorial Scholarship
- 2011 Outstanding Graduate Student Researcher of the Year, Colorado State
University, Environmental Health Sciences
- 2010 Erma Byrd Scholarship

V. PROFESSIONAL ASSOCIATIONS

- 2018 – Present Society for Occupational Health Psychology
- 2018 – Present American Society of Safety Professionals
- 2011 – 2013 American Industrial Hygiene Association
- 2010 – Present American Public Health Association
- 2009 – 2014 Human Factors and Ergonomics Society

VI. PROFESSIONAL LEADERSHIP AND SERVICE

At a national level, Dr. Schwatka aims to contribute to the Total Worker Health scientific and practice-based communities. She has served on professional association boards and contributed to their scientific meetings and efforts to help their members with professional development. Within Colorado, Dr. Schwatka serves both the Center for Health, Work & Environment and the Department of Environmental and Occupational Health through committee membership.

National

- 2021 – NIOSH National Occupational Research Agenda – Traumatic Injury
Prevention Council Member
- 2018 – 2020 American Society of Safety Professionals (ASSP)
Total Worker Health Task Force Member
- 2018 – 2019 Association of Occupational Health Professionals in Healthcare
(AOHP)
Getting Started in Occupational Health in Healthcare Manual,
Total Worker Health Reviewer
- 2015 – 2018 American Public Health Association (APHA)
Occupational Health and Safety Section Councilor &
International Conference Scientific Program Co-Chair

2014 – 2015 National Occupational Research Agenda (NORA)
Construction Sector Council Safety Climate Work Group:
Develop “how to” guides on several topics to help contractors
implement programs that will improve safety climate on their job
sites. See May 2017 position statement from the American
Industrial Hygiene Association:
<https://www.aiha.org/government-affairs/Pages/Position-Statements-and-Resources.aspx>

Regional

2014 – Present National Institute for Occupational Safety and Health Mountain and
Plains Education and Research Center – Alumni board chair

School

2020 – Present Gender equity in academia task force

Center

2017 – 2018 NIOSH Mountain and Plains Education and Research Center –
Occupational Ergonomics and Safety Deputy Program Director

2015 – 2016 Center for Health, Work and Environment – PRA Search Committees

Department

2018 Environmental & Occupational Health Department – PRA Search
Committee

2018 Environmental & Occupational Health Department – Associate/Full
Professor (tenure track) Search Committee

2017 – Present Environmental & Occupational Health Department – Total Worker
Health Certificate Committee

2015 – Present Environmental & Occupational Health Department - Curriculum
Committee

2015 – Present Environmental & Occupational Health Department – MPH admissions
Committee

VII. PROFESSIONAL DEVELOPMENT

2020-2021 Responsible Conduct of Research (RCR) Seminar Series. University of
Colorado Anschutz Medical Campus. Taken as part of K01 grant
activities.

2020 Social Network Analysis. ICPSR Summer Program in Quantitative
Methods of Social Research. Taken as part of K01 grant activities.

2020 MBAX 6561 Executive leadership. University of Colorado Boulder
Leed’s School of Business. Taken as part of K01 grant activities.

2019 BIOS 6628 Latent variable methods. Colorado School of Public Health,
University of Colorado Anschutz Medical Campus. Taken as part of
K01 grant activities.

2019 PSY 7262 Health psychology I. Department of Psychology, University
of Colorado Denver. Taken as part of K01 grant activities.

2018-2019 Colorado Clinical Translational Sciences Institute (CCTSI) Colorado
Mentor Program. Role: Mentee. Mentor: Dr. Lee Newman.

2016 Teaching Individual/Agent Based Modeling. Humboldt State University.

2012 Confirmatory factor analysis & Structural equation modeling. Center for the Advancement of Research Methods and Analysis, Wayne State University.

VIII. BOARD CERTIFICATION

2016 - Present Associate Ergonomics Professional (AEP), Board Certified Professional Ergonomists

IX. REVIEW, REFEREE AND EDITORIAL ACTIVITIES

Dr. Schwatka serves as a reviewer for regional and national conferences, journals, and grants.

Conference Abstract Reviewer

2015 – Present American Public Health Association Annual Conference

2014 – Present Work, Stress, and Health Conference, American Psychological Association

Manuscript reviewer

- Journal of Occupational Health Psychology - Work, Stress, & Health Conference American Psychological Association, Best Intervention Competition
- National Institute for Occupational Safety & Health external manuscript reviewer
- American Journal of Industrial Medicine
- Occupational Health Southern Africa
- American Journal of Occupational & Environmental Medicine
- American Journal of Preventive Medicine
- Scandinavian Journal of Work, Environment & Health
- Journal of Occupational & Environmental Medicine
- BMC Public Health
- Personnel Review
- Annals of Work Exposures & Health
- Safety & Health at Work
- Journal of Safety Research
- Safety Science
- Journal of Occupational Rehabilitation
- Occupational Health Sciences

Grant proposal reviewer

2018 National Institute for Occupational Safety and Health/Harvard Education and Research Center: Pilot Projects

2017 – Present National Institute for Occupational Safety and Health/Center for Health, Work & Environment, Total Worker Health Center of Excellence: Pilot Projects

2015 – 2016 National Institute for Occupational Safety and Health/Mountain and Plains Education and Research Center: Pilot Projects

X. INVITED LECTURES, PRESENTATIONS & WORKSHOPS

Dr. Schwatka has given regional, national, and international invited presentations. These presentations were community focused and aimed to translating research findings into practice. Audiences included businesses and occupational health and safety practitioners.

Regional

1. **Schwatka, NV.** & Shapiro, D. (November, 2020). "Total Worker Health Leadership Workshop." Virtual workshop for 14 leaders from diverse industries hosted by the Center for Health, Work & Environment.
2. **Schwatka, NV.**, Tenney, L., Newman, L., & Shapiro, D. (April, 2020). "Total Worker Health Leadership Workshop." Virtual workshop for 25 University of Colorado School of Public Health leadership.
3. **Schwatka, NV.** (September, 2018). "Total Worker Health." Presentation for Pinnacle Assurance construction policy holders, Denver, CO.
4. **Schwatka, NV.** (August, 2018). "Total Worker Health Leadership Lab." Pre-event workshop during the 5th Annual Health Links Event, Parker, CO.
5. **Schwatka, NV.** (September, 2017). "Creating a sustainable culture of health and safety." Fall Workers' Compensation Series organized by Pinnacle Assurance and Network Insurance Services, Eagle, CO.
6. Newman, L, **Schwatka, NV**, Brown, C, Thompson, J, Scott, J. (Classes of 2016-2017 and 2017-2018). "Working for health: Inspiring employee and organizational wellbeing." Developed and delivered health and safety leadership training in the fall and spring, University of Colorado Excellence in Leadership Program, Denver, CO.
7. **Schwatka, NV.** (August, 2017). "Public health at work." ColoradoSPH New Student Orientation, Aurora, CO.
8. **Schwatka, NV.** (July and August, 2017). "Creating a sustainable culture of health and safety." Pinnacle Assurance Risk Management Symposium, Grand Junction, CO and Loveland, CO.
9. **Schwatka, NV.** (April, 2017). "Health and productivity at work." Denver Metro Chamber of Commerce, Healthcare Subcommittee, Denver, CO.
10. **Schwatka, NV.** (April, 2017). "Occupational health and safety." EC Electric's foremen safety training, Grand Junction, CO.
11. **Schwatka, NV.** & Crawmer, J. (April, 2017). "Foundations for Safety Leadership." Pinnacle Assurance Risk Management Symposium for Construction Companies, Denver, CO.
12. **Schwatka, NV.** (October, 2016). "Developing Safety Leadership Skills to Prevent On-the-Job Injuries and Fatalities." Tilt-up Concrete Association Conference and Expo, Denver, CO.
13. **Schwatka, NV.** (October, 2016). "Foundations for Safety Leadership." Poudre Valley Rural Electrical Association, Annual Employee Training Event, Fort Collins, CO.
10. **Schwatka, NV.** (June, July, and August, 2016). "Foundations for Safety Leadership." Pinnacle Safety Symposiums, Denver, CO, Grand Junction, CO and Colorado Springs, CO.
11. **Schwatka, NV.** (June, 2016). "A preview of a new, interactive training module for enhancing jobsite safety leadership." Wyoming Workforce and Safety Summit, Cheyenne, WY.
12. **Schwatka, NV.** (May, 2016). "A preview of a new, interactive training module for enhancing jobsite safety leadership." Oral presentation at the Rocky Mountain Safety Conference, Denver, CO.

13. **Schwatka, NV.** (October, 2014). "Injury prevention in the construction industry: What role do safety leaders play?" Injury and Violence Seminar Series, Pediatric Injury Prevention, Education, and Research (PIPER) Program. University of Colorado, Anschutz Medical Campus, Aurora, CO.
14. **Schwatka, NV.** (April, 2014). "Safety culture, leadership, and worker health and safety." Boeing Corp. Health and Safety team, Salt Lake City, UT.

National

1. **Schwatka, N. V.** (May, 2021). Interventions to foster leadership for safety, health, and well-being in small business. Invited presentation, NIOSH NORA Traumatic Injury Prevention Council, Virtual.
2. **Schwatka, N. V.** (November, 2020). "[How Small Businesses Should Engage Employees to Achieve Total Worker Health](#)." Invited presentation, Health Links Webinar Series, Virtual.
3. **Schwatka, N. V.** (October, 2020). "[Construction Leadership Skills for Managing Stress During the COVID-19 Pandemic](#)." Invited presentation, CPWR: Center for Construction Research and Training COVID-19 Webinar, Virtual.
4. **Schwatka, N. V.** (September, 2018). "Evaluation of the Foundations for Safety Leadership training module." Invited presentation, 11th Annual Western States Occupational Health Network (WestON) conference, Denver, CO.
5. **Schwatka, N. V.** & v.S. Brockbank, C. (August, 2018). "Health Risk Management with a Colorado Workers' Compensation Carrier." Invited presentation for a special Total Worker Health educational track, 30th Annual Workers' Compensation Institute Safety and Health Conference, Orlando, FL.
6. **Schwatka, N. V.** (April, 2016). "Ergonomics climate." Invited Webinar presentation for WORKSAFE IOWA: OSH Priority Network, University of Iowa, Iowa City, IA.
7. **Schwatka, N. V.** (September, 2015). "Construction safety leadership training project." Invited presentation, 8th Annual Western States Occupational Health Network (WestON) conference, Denver, CO.
8. Newman, L., Tenney, L., **Schwatka, N. V.** (October, 2014). "Creating healthy small businesses: Engaging and growing promising practices for health and safety." Invited Pre-conference workshop, National Institute for Occupational Safety and Health's 1st International Symposium to Advance Total Worker Health, Bethesda, MD.

International

1. **Schwatka, NV.** (March, 2012). "Safety Culture: Origins & applications." Guest lecture, University of Sassari Department of Agriculture. Sassari, Italy.
2. **Schwatka, NV.** (March, 2012). "Safety Culture: Origins & applications." Occupational Health Service, ASL di Sassari. Sassari, Italy.
3. Hoffmeister, K & **Schwatka, NV.** (June, 2012). "Ergonomics Culture at John Deere." Annual International John Deere Ergonomics Conference, Des Moines, IA.

XI. TEACHING

Over the past four years, Dr. Schwatka has developed and directed courses in Total Worker Health and currently co-directs the Department's TWH Certificate Program and is the director of the NIOSH MAP ERC's TWH Certificate Program. She proposed and developed new course formats to meet the needs of the different education programs her department operates. She is passionate about giving students opportunities to apply knowledge out in the community through mentored field work. Outside of her Department, she regularly guest lectures in undergraduate and graduate classes at the University of Colorado, Denver and Colorado State University.

Training program leadership

Colorado School of Public Health

- 2021 – Present NIOSH MAP ERC (Training program grant) – Certificate in Total Worker Health Program Director
- 2021 – Present Environmental & Occupational Health Department – Certificate in Total Worker Health Director
- 2018 – 2020 Environmental & Occupational Health Department – Certificate in Total Worker Health Co-director

Courses developed and taught

Colorado School of Public Health

- 2018 – Present EHOH 6636 Introduction to occupational safety & ergonomics. Hybrid 3 credit course for MPH students. Role: Course developer, director and instructor
Spring, average 5 students per year
- 2018 – Present EHOH 6629 Introduction to occupational safety & ergonomics. Online 2 credit course for occupational medicine residents and Total Worker Health certificate students. Role: Course developer, director and instructor
Spring, average 5 students per year
- 2017 – 2019 EHOH 6634 Spectrums of professions in health protection and health promotion. 1 credit online course. Role: Course director and Instructor
Fall, average 10 students per year
- 2014, 2017 & 2019 EHOH 6630 Interdisciplinary symposium. 1 credit in-person and field experience. Role: Interdisciplinary course team preceptor
Spring, average 6 students per year
- 2016 EHOH 6629 Introduction to occupational safety & ergonomics. 2 credit hybrid course. Role: Course director and instructor
Spring, 12 students

Mentoring

Colorado School of Public Health

- 2017 – 2018 Courtland Keteyian, MD, MBA, MPH. University of Colorado, Colorado School of Public Health, Occupational and Environmental Medicine Fellow. “Predictors of repeated workers’ compensation claims.”
Role upon graduation: Medical Director, Prevention & Community Health, Jackson Health Network, Jackson County Health Department
- 2017 – 2018 Julia Newman, MS-4, University of Colorado School of Medicine. “Organizational Total Worker Health practices and employee health.”
Role upon graduation: Medical resident, Boston University
- 2017 – 2018 Eric Lucas, MPH Candidate, University of Colorado, Colorado School of Public Health. “Extending occupational injury surveillance using the Colorado trauma registry.”
Role upon graduation: Data coordinator for the Health Facilities and Emergency Medical Services Division, Colorado Department of Public Health and Environment

Other teaching activities

Colorado School of Public Health

- 2018 EPI Injury and Violence Epidemiology and Prevention. Instructor: Dawn Comstock, Department of Epidemiology. Role: Guest lecturer
- 2016 – Present EHOH 6628 Workplace health protection and health promotion. In-person course. Instructor: Lee Newman & Liliana Tenney (2016/2017), Joshua Scott (2018-present), Department of Environmental and Occupational Health. Role: Guest lecturer
- 2015 EHOH 6631 Occupational Medicine Residency Summer Lecture Series. Role: Guest lecturer

University of Colorado, Denver

- 2017 – 2019 PBHL 2020 Introduction to Environmental Health. Instructor: Lisa McKenzie (2017 & 2019), Sara Paul (2018) Department of Environmental and Occupational Health. Role: Guest lecturer

Colorado State University

- 2010 – 2012 ERHS 540 Ergonomics. Instructor: John Rosecrance, Department of Environmental and Radiological Health Sciences. Role: Guest lecturer

Advisor

Colorado School of Public Health

- 2018 – Present Andy Sirois, MPH Candidate in Environment and Occupational Health
- 2018 – 2020 Ashley Brubaker, MPH Candidate in Environment and Occupational Health
- 2018 – Present Brett Turner, MPH Candidate in Environment and Occupational Health
- 2018 – 2019 Samira Fanga, MPH Candidate in Environment and Occupational Health
- 2019 – Present Julie Brungardt, MPH Candidate in Environment and Occupational Health / Certificate in Total Worker Health
- 2019 – 2019 Deborah Nielson, Certificate in Total Worker Health
- 2019 – 2021 Obi Ngozi, Occupational & Environmental Medicine Resident / Certificate in Total Worker Health (advisor for certificate only)
- 2019 – 2020 Sarah Levine, MPH Candidate in Environment and Occupational Health / Certificate in Total Worker Health (advisor for certificate only)
- 2019 – Present Penny P, Certificate in Total Worker Health
- 2020 – Present Razi Payne, MPH Candidate in Environment and Occupational Health
- 2020 – Present Jason Youngsmith, MPH Candidate in Environment and Occupational Health
- 2020 – Present Sarah Boland, DrPH Candidate in Community and Behavioral Health / Certificate in Total Worker Health (advisor for certificate only)
- 2020 – Present Libby Harris, MPH in Health Systems, Management & Policy / Certificate in Total Worker Health (advisor for certificate only)

2020 – Present	Beth Watts, MPH in Community and Behavioral Health / Certificate in Total Worker Health (advisor for certificate only)
2021 – Present	Elizabeth Boland, MPH in Community and Behavioral Health / Certificate in Total Worker Health (advisor for certificate only)
2019 – Present	David Shapiro, Certificate in Total Worker Health
2021 – Present	Fernando Diaz Del Valle, Certificate in Total Worker Health
2021 – Present	Elizabeth Esty, Occupational & Environmental Medicine Resident / Certificate in Total Worker Health (advisor for certificate only)

XII. RESEARCH RECORD

Dr. Schwatka's research focuses on Total Worker Health surveillance, intervention development and evaluation, and translation of research into practice. Currently, she is a co-investigator on CDC/NIOSH projects focused on intervention development and evaluation and surveillance. As a researcher, she aims to understand how to develop practical organizational-level interventions that improve the working conditions of high risk populations, such as construction workers and small businesses.

GRANTS

Current Research Support

01/01/20- 01/31/25	DE-FC01-05EH04022 Newman (PI) "DOE – Oak Ridge Associated Universities (ORAU) National Supplemental Screening Program (NSSP)" Role: Co-Investigator The major goal of this project is to determine the health consequences of exposure to toxic and radioactive materials encountered by former U.S. Department of Energy workers. I am a member of the research team, evaluating occupational health outcomes.
09/01/16 – 08/31/21	CDC/NIOSH U19 OH011227 Newman (PI) "Rocky Mountain Center for Total Worker Health" Role: Co-Investigator, Small, Safe and Well (SSWell) Research Study The goal of the Center is to advance the overall safety, health and well-being of workers in Federal Health Region VIII and the nation, through transdisciplinary research, effective interventions, outreach and communications, education/training, and rigorous evaluation that inform improvements in all of the above. SSWell is a prospective, longitudinal randomized, controlled trial of an intervention to assess organizational leadership, organizational health and safety behavior change, and impact on individual worker outcomes.
07/07/2019 – 06/30/2022	CDC/NIOSH/K01 Schwatka (PI) "Longitudinal study of Total Worker Health among small enterprises" Role: Principal investigator The goal of this career development award is to simultaneously

provide additional training in Total Worker Health, business, and longitudinal data analysis as well as contribute to an understanding of how small business organizational support for Total Worker Health programming impacts worker health, safety, and wellbeing outcomes.

07/01/2020 –
06/30/2025 CDC/NIOSH T42 OH009229
Newman (PI)
“Mountain and Plains Education and Research Center”
Role: Co-Investigator
Director of the Certificate in Total Worker Health Program.

Completed Research Support

08/15/09 –
08/15/13 Fellowship T42 OH009229
CDC/NIOSH
Mountain & Plains Education and Research Center
Role: Fellowship grant trainee in the Ergonomics & human factors program

10/01/10 –
06/30/12 CDC/NIOSH T42 OH009229
Hoffmeister (PI)
Mountain and Plains Educational Research Center
“Ergonomic climate in organizations: Development of an assessment tool”
Role: Co-Investigator
The goal of this project was to develop and evaluate a new measure of organizational climate, ergonomics climate, which is similar to the construct of safety climate.

10/01/10 –
06/30/11 CDC/NIOSH T42OH009229
Schwatka (PI)
Mountain and Plains Educational Research Center
“Impact of an aging workforce on workers’ compensation (WC) claims”
Role: Principal Investigator
The goal of this project was to utilize over 100,000 workers’ compensation claims to investigate the impact of the construction industry’s aging workforce on injury and illness and their associated costs.

12/01/10 -
11/30/11 CDC/NIOSH/CPWR OH009762
Rosecrance (PI)
“The role of aging on the type, nature and cost of construction injuries”
Role: Co-Investigator – Project Director
The goal of this project was to utilize over 100,000 workers’ compensation claims to investigate the impact of the construction industry’s aging workforce on injury and illness and their associated costs.

03/01/11-
01/01/17 Pinnacol Assurance, Contract
Newman (PI)
“Health Risk Management Project”
Role: Co-Investigator

The major goal of this project is to conduct a cohort-referent study to determine if health promotion interventions in small businesses improve worker health and a reduction in workers' compensation injury claims and costs. Sub-goals of this project include investigating the interaction between health, safety and productivity at work via predictive modeling.

10/01/11 –
06/30/12

CDC/NIOSH T42 OH009229

Schwatka (PI)

Mountain and Plains Educational Research Center

"Impact of an aging workforce on workers' compensation (WC) claims"

Role: Principal Investigator

The goal of this project was to utilize over 100,000 workers' compensation claims to investigate the impact of the construction industry's aging workforce on injury and illness and their associated costs.

09/01/14–
08/31/19

CDC/NIOSH/CPWR U60 OH009762

Goldenhar & Johnson (PIs)

"Enhancing safety climate through leadership"

Role: Consortium Co-Investigator

The goal of this project is to develop and evaluate a safety leadership training program for construction site-supervisors, and to disseminate this training via the OSHA 30 course throughout the United States.

01/01/15 –
06/30/17

Pinnacol Assurance, Contract

Schwatka (PI)

"Health risk and workers' compensation calculator"

Role: Principal investigator

The goal of this project is to develop and evaluate an interactive, online calculator for businesses to learn how employee health risk impacts the workers' compensation usage. See Products of Scholarship Section for link to website.

01/01/17-
12/31/17

Pinnacol Assurance, Contract

Newman (PI)

"Total Worker Health Collaborative Research"

Role: Co-Investigator

The major goal of our collaborative research scope of work with Pinnacol Assurance is to develop predictive models of workers' compensation claims and productivity at work, evaluate health and safety programs offered to policyholders and provide insight analyses for a variety of business groups within Pinnacol Assurance.

05/01/18-
04/30/19

Pinnacol Assurance

Tenney & Schwatka (Co-PIs)

"Total Worker Health® Leadership Training"

Role: Co-Investigator

The goal of this project is to develop and pilot TWH leadership training that can be delivered across multiple industries.

05/01/19-
04/30/20

Pinnacol Assurance
Tenney & Schwatka (Co-PIs)
“Total Worker Health® Leadership Training”
Role: Co-Investigator

The goal of this project is to develop and pilot TWH leadership training for specific industries.

01/01/06-
01/31/20

DOE DE FC01 05 EH04022
Newman (PI)
“DOE – Oak Ridge Associated Universities (ORAU) National Supplemental Screening Program (NSSP)”
Role: Co-Investigator

The major goal of this project is to determine the health consequences of exposure to toxic and radioactive materials encountered by former U.S. Department of Energy workers. I am a member of the research team, evaluating occupational health outcomes.

Submitted grant applications

PUBLICATIONS

1. Number of original articles in peer-reviewed journals: 26
First author: 17
2. Number of books: 0
3. Number of other publications (scholarly reviews, symposium papers, editorials, book chapters and proceedings): 2
4. Number of published or presented scientific abstracts: 49
Refereed abstracts: 49
5. Letters-to-the-editor, technical reports, other publications: 5
6. Unpublished works (papers, submitted manuscripts, course syllabi, quality improvement projects, patient education materials, case studies or other creative work) available for review in written or electronic format: 3

Peer Reviewed Publications

*indicates student mentored publication

1. **Schwatka, NV**, Butler, LM, & Rosecrance, J. C. (2012). An aging workforce and injury in the construction industry. *Epidemiologic Reviews*, 34(1): 156-157. [PMC7735369](#)
2. **Schwatka, NV**, Butler, LM, & Rosecrance, J. C. (2013). Age in relation to worker compensation costs in the construction industry. *American Journal of Industrial Medicine*, 56(3), 356-366. PMID: [PMC4476058](#)
3. Paulsen, R, **Schwatka, NV**, Gober, G, Gilkey, D, Anton, D, & Rosecrance, J. (2014). Cyclic and non-cyclic task evaluation using the Hand Activity Level in a manufacturing setting. *International Journal of Industrial Ergonomics*, 44(1), 32-38. PMID: [PMC4480210](#)
4. Hoffmeister, K, Gibbons, A, **Schwatka, NV**, Rosecrance, J. (2015). Ergonomics climate assessment: A measure of operational performance and employee well-being. *Applied Ergonomics*, 50, 160-169.
5. **Schwatka, NV**, Rosecrance, J. (2016). Safety climate and safety behaviors in the construction industry: The importance of co-workers commitment to safety. *Work: A Journal of Prevention, Assessment & Rehabilitation*, 54(2), 401-413. [PMC7778733](#)
6. **Schwatka, NV**, Hecker, S, Goldenhar, LM. (2016). Defining and measuring safety climate: A review of the construction industry literature. *Annals of Occupational Hygiene*. 60(5): 537-550. [PMC7778735](#)
7. **Schwatka, NV**, Atherly, A, Dally, MJ, Fang, H, vS Brockbank, C, Tenney, L, Goetzel, RZ, Jinnett, K, Witter, R, Reynolds, S, McMillen, J, Newman, L. (2017). Health risk factors as predictors of workers' compensation claim occurrence and cost. *Occupational and Environmental Medicine*. 74(1): 14-23. PMID: [PMC5241501](#)
8. Jinnett, K, **Schwatka, NV**, Tenney, L, vS Brockbank, C, Newman, L. (2017). Chronic Conditions, Workplace Safety, And Job Demands Contribute To Absenteeism And Job Performance. *Health Affairs(Millwood)*. 36(2): 237-244.
9. **Schwatka, NV**, Shore, E, Atherly, A, Weitzenkamp, D, Dally, MJ, vS Brockbank, C, Tenney, L, Goetzel, RZ, Jinnett, K, McMillen, J, Newman, LS. (2018). Reoccurring injury, chronic health conditions, and behavioral health: Gender differences in the causes of workers' compensation claims. *Journal of Occupational and Environmental Medicine*. 60(8): 710-716. PMID: [PMC7082842](#)
10. **Schwatka, NV**, Tenney, L, Dally, M, Scott, J, Brown, C, Weitzenkamp, D, Shore, E, Newman, L. (2018). Small business Total Worker Health: A conceptual and methodological approach to facilitating organizational change. *Occupational Health Sciences*. 2(1): 25-41. PMID: [PMC6363124](#)

11. **Schwatka, NV**, Smith, D, Weitzenkamp, D, Atherly, A, Dally, MJ, vS Brockbank, C, Tenney, L, Goetzl, RZ, Jinnett, K, McMillen, J, Newman, L. (2018). The impact of worksite wellness programs by size of business: A three-year longitudinal study of participation, health benefits, absenteeism, and presenteeism. *Annals of Work Exposures and Health*. 62(Supplement_1): S42-S54. PMID: [PMC7065409](#)
12. Thompson, J*, **Schwatka, NV**, Tenney, L, Newman, L. (2018). Total Worker Health: A small business leader perspective. *International Journal of Environmental Research and Public Health*. 15(11): 2416. PMID: [PMC6265998](#)
13. **Schwatka, NV**, Tenney, L, Dally, M, v.S. Brockbank. (2019). Health risk calculator: An online, interactive tool to estimate how health impacts workers' compensation claim incidence and cost. *Journal of Environmental and Occupational Medicine*. 61(7): 597-604. PMID: [PMC6602816](#)
14. Keteyian, C, **Schwatka, NV**, Dally, M, Shore, E, Tran, M, Weitzenkamp, D, & Newman, L. (2019). The impact of industry and body part injured on repeat workers' compensation claims. *American Journal of Industrial Medicine*. 62(8): 680-690. PMID: [PMC7441733](#)
15. Goldenhar, LM, **Schwatka, NV**, & Johnson, S. (2019). Leadership Skills for Strengthening Jobsite Safety Climate. *Journal of Safety Research*. 70: 263-271. [PMC7778734](#)
16. **Schwatka, NV**, Goldenhar, LM, Johnson, S, Beldon, M, Tessler, J, Dennerlein, J, Fullen, M, Treu, H. (2019). A training intervention to improve frontline construction leaders' safety leadership practices and overall jobsite safety climate. *Journal of Safety Research*. 70: 253-262. PMID: [PMC7076738](#)
17. Shore, E., **Schwatka, NV**, Dally, M, Brown, C, Tenney, L, Newman, LS. (2020). Small business employees' perceptions of leadership are associated with safety and health climates and their own behaviors. *Journal of Environmental and Occupational Medicine*. 62(2): 156-162. PMID: [PMC7363040](#)
18. **Schwatka, NV**, Sinclair, R, Fan, W, Dally, M, Shore, E, Brown, C, Tenney, L, Newman, LS. (2020). How does organizational climate motivate employee safe and healthy behavior in small business? A Self Determination Theory perspective. *Journal of Environmental and Occupational Medicine*. 62(5): 350-358. PMID: [PMC7225023](#)
19. **Schwatka, NV**, Dally, M, Tenney, L, Shore, E, Brown, C, Newman, LS. (2020). Total Worker Health leadership and business strategies are related to safety and health climates in small business. *International Journal of Environmental Research and Public Health*. 17(6), 2142. PMID: [PMC7143812](#)
20. **Schwatka, NV**, Goldenhar, LM, Johnson, S (2020). Change in frontline supervisors' safety leadership practices after participating in a leadership training program: Does company size matter? *Journal of Safety Research*. 74: 199-205. PMID: [PMC7780528](#)
21. Brown, C, **Schwatka, NV**, Dexter, L, Dally, M, Shore, E, Tenney, Liliana, Newman, LS (2020). The Importance of Small Business Safety and Health Climates during COVID-19. *Journal of Environmental and Occupational Medicine*. 62(2): 156-162. PMC Journal – In Process
22. **Schwatka, NV**, Smith, DE, Golden, A, Tran, M, Newman, LS, Craigle, D. (2021). Development and validation of a diabetes risk score among two populations. *PLoS ONE*. 16(1): e0245716. PMC Journal – In Process
23. Jaramillo, D, Krisher, L, **Schwatka, NV**, Tenney, L, Fisher, GG, Clancy, RL, Shore, E, Asensio, C, Tetreau, S, Castrillo, M, Amenabar, I, Cruz, A, Piloni, D, Zamora, M, Butler-Dawson, J, Dally, M, Newman, LS. (2021). *International Total Worker Health*:

- Applicability to Agribusiness in Latin America. *International Journal of Environmental Research and Public Health*. 18: 1-16.
24. Tenney L, Dally M, Dexter L, Shapiro D, Brown C, Huebschmann A, McMillen J, **Schwatka N**, Newman LS. (2021). Impact of Advising on Total Worker Health Implementation. *J Occup Environ Med*. 63(8): 657-664. PMC Journal – In Process
 25. **Schwatka, NV**, Brown, C, Tenney, L, Scott, JG, Shore, E, Dally, M, Newman, LS. (2021). Evaluation of a Total Worker Health Leadership Development Program for Small Business. *Occupational Health Science*. 5: 163-188. PMC Journal – in Process
 26. **Schwatka, NV**, Dally, M, Shore, E, Dexter, L, Tenney, L, Brown, CE, Newman, LS. (2021). Profiles of Total Worker Health in United States small business. *BMC Public Health*. 21(1010). PMC Journal – in Process

Book chapters

1. **Schwatka, NV**, Tenney, L, Newman,LS (2019). Health protection and health promotion in small business. In Burke, R. & Richardsen, A. (Eds.), *Increasing Occupational Health and Safety in Workplaces: Individual, Work, and Organizational Factors*. Edward Elgar Publishing: Cheltenham, UK.
2. **Schwatka, NV** & Newman, LS (2021). Total Worker Health. In LaDou and Harrison (Eds.), *Current Occupational & Environmental Medicine*, Sixth Edition, McGraw Hill: New York.

Technical Reports

1. **Schwatka, NV**, Shore, E, Weitzenkamp, D, Atherly, A, Tenney, L, Newman, L. (2016) "Predictors of workers' compensation claims: 2nd generation predictive modeling." Report prepared for Pinnacol Assurance.
2. **Schwatka, NV**, Shore, E, Weitzenkamp, D, Atherly, A, Tenney, L, Newman, L. (2016) "Predictors of workers' compensation claims: Review of the literature published from 2010-2016." Report prepared for Pinnacol Assurance.
3. **Schwatka, NV**, Shore, E, Weitzenkamp, D, Atherly, A, Tenney, L, Newman, L. (2016) "Pre-diabetes analysis: Diabetes risk score development, validation, and predictive capability assessment". Report prepared for Pinnacol Assurance.
4. **Schwatka, NV**, Shore, E, Weitzenkamp, D, Atherly, A, Tenney, L, Newman, L. (2016) "Trotter Wellness and Virgin Pulse health risk assessments: A preliminary data integration analysis". Report prepared for Pinnacol Assurance.

Manuals & Guidelines

1. Gruden, M, Hagar, B, Pionk, C. (2019). Getting started: Occupational health in the healthcare setting. 16th edition. Association of Occupational Health Professionals in Healthcare (AOHP). Warrendale, PA. *Role: Wrote the section on Worker health and well-being (aka Total Worker Health).*

Products of Scholarship

1. Foundations for Safety Leadership. Occupational Health and Safety Administration (OSHA) 30-hour safety course. Approved 2.5-hour elective as of January 1, 2017.
 - a. *Curriculum material:* <https://www.cpwr.com/foundations-safety-leadership-fsl>
 - b. *OSHA 30-hour program requirements (see page 6):*
https://www.osha.gov/dte/outreach/construction/construction_procedures.pdf
2. Health risk and workers' compensation calculator
 - a. *Link to calculator:*
<http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/CHWE/Community/Pages/Health-Risk-Calculator.aspx>
3. Total Worker Health Leadership Programs
 - a. <https://coloradosph.cuanschutz.edu/research-and-practice/centers-programs/chwe/training/total-worker-health-leadership-programs>

Conference Abstracts

Oral presentation

1. **Schwatka, NV**, Jaramillo, D, Shapiro, D. (September, 2021). "Total Worker Health[®] leadership for the safety and health professional." Oral presentation, 2021 AIHA-Rocky Mountain Section Fall Technical Conference, Arvada, CO.
2. **Schwatka, NV**, Tenney, L, Krisher, L (September, 2021). "Total Worker Health[®] leadership for the safety professional." Oral presentation, ASSP Safety21 Conference and Expo, Virtual.
3. Newman, LS, **Schwatka, NV**, Tenney, L (May, 2021). "The Emerging Total Worker Health[®] Professional: Competencies, Training, and Community." Oral presentation, American Occupational Health Conference, Virtual.
4. **Schwatka, N. V.**, Fan, W, Dally, M, Scott, J, Shore, E, Brown, C, Tenney, L, Newman, L. (November, 2019). "Total Worker Health[®] strategies, climate, and employee motivation." Oral presentation, Work, Stress, & Health conference, Philadelphia, PA.
5. **Schwatka, N. V.**, Scott, J, Tenney, L, Newman, L. (November, 2019). "Evaluation of a small business Total Worker Health[®] leadership program." Oral presentation, Work, Stress, & Health conference, Philadelphia, PA.
6. **Schwatka, N. V.** (September, 2019). "Using a Design Sprint to Develop an Intervention for a Latino Day Laborer Organization." Oral presentation, 12th Annual Western States Occupational Health Network (WestON) conference, Denver, CO.
7. **Schwatka, NV** (May, 2019). Total Worker Health practice, research and education: Examples from Colorado. Oral presentation as part of a session titled "The practical role of the industrial hygienist in Total Worker Health – Tools and methods for integrating Total Worker Health exposure into IH core competency and practice areas." American Industrial Hygiene Conference and Exposition, Minneapolis, MN.
8. **Schwatka, NV**, Goldenhar, L, Johnson, S., Beldon, M., Rosecrance, J., Tessler, J., Dennerlein, J., Fullen, M., Weinstein, D., Treau, H. (October, 2018). Foundations for

- Safety Leadership (FSL): Evaluation of a safety leadership program to enhance jobsite safety climate in the construction industry. Oral presentation as part of a special session titled “Connecting Safety Culture to Safety and Health Management on Construction Jobsites”, NIOSH National Occupational Injury Research Symposium (NOIRS), Morgantown, WV.
9. **Schwatka, NV**, Tenney, L, Dally, M, Brown, C, Weitzenkamp, D, Shore, E, Newman, L. (May, 2018). A description of small business employee perceptions of health and safety climates. Oral presentation, 2nd International Symposium to Advance Total Worker Health, Bethesda, MD.
 10. Tenney, L, Newman, L, **Schwatka, NV**, Scott, J, Rivera, K. (May, 2018). Engaging small and mid-size enterprises to apply Total Worker Health approaches through a community-based program. Presymposium workshop, 2nd International Symposium to Advance Total Worker Health, Bethesda, MD.
 11. **Schwatka, NV**, Newman, L, vS Brockbank, C, Tenney, L, Dally, M, Jinnett, K, Atherly, A, Goetzel, R, McMillen, J, Weitzenkamp, D, Smith, D, Shore, E. (April, 2018). Value on investment for small business safety, health and wellbeing. Oral presentation, 32nd International Congress on Occupational Health, Dublin, Ireland.
 12. **Schwatka, NV**. (April, 2018). Leveraging leadership to protect and promote employee health. Ignite oral presentation at the 10th Annual NIOSH MAP ERC Research Day Symposium, Broomfield, CO.
 13. **Schwatka, NV**, Goldenhar, L, Johnson, S. (November, 2017). Training increases knowledge, understanding, intended use of safety leadership skills. Roundtable presentation, 145th American Public Health Association Annual Meeting, Atlanta, GA.
 14. **Schwatka, NV**, Jinnett, K, Curran, K, Newman, L. (October, 2017). A case study of a public/private partnership to bring worksite wellness to small business. Symposium session, 4th International Understanding Small Enterprises Conference, Denver, CO.
 15. **Schwatka, NV**. (October, 2017). Health risk and workers’ compensation calculator: An online resource for businesses. Oral presentation, 4th International Understanding Small Enterprises Conference, Denver, CO.
 16. **Schwatka, NV**. (September, 2017). Small+Safe+Well: Building cultures of health and safety amongst small businesses in Colorado. Oral presentation, American Industrial Hygiene Association-Rocky Mountain Section/American Society of Safety Engineers Fall Technical Conference, Arvada, CO.
 17. **Schwatka, NV**, Goldenhar, L, Johnson, S, Dennerlein, J, Beldon, M, Tessler, J. (June, 2017). Effectiveness of training program to enhance construction foreman safety leadership skills. Oral presentation, Work, Stress & Health Conference, American Psychological Association, Minneapolis, MN.
 18. Henning, R, Nielsen, K, von Thiele Schwarz, U, Cavallari, J, Williams, J, **Schwatka, NV**, Welter, C. (June, 2017). Metrics of integration for Total Worker Health initiatives. Discussant during a symposium session at the American Psychological Association’s Work, Stress & Health Conference, Minneapolis, MN.
 19. **Schwatka, NV**, Newman, LS, Shore, E, Curran, K. (April, 2017). Partnering with Workers’ Compensation Insurers to Reach Small Enterprises in Need of Health Promotion and Health Protection. Symposium session, American Occupational Health Conference, American College of Occupational and Environmental Medicine, Denver, CO.
 20. Schulte, PA, Pandalai, SP, Kowalski-McGraw, M, Nessim, D, Wood, EM, Chosewood, LC, **Schwatka, NV**. (April, 2017). Occupational and Personal Risk Factors in Illness and Injury – the NIOSH Compendium Project. Symposium session

- at the American College of Occupational and Environmental Medicine's American Occupational Health Conference, Denver, CO.
21. Shore, E, **Schwatka, NV**, Atherly, A, Weitzenkamp, D, Tenney, L, Newman, L. (March, 2017). Predictors of workers' compensation claims. Oral presentation, Annual National Institute for Occupational Safety and Health Mountain and Plains Education and Research Center Research Day, Westminster, CO.
 22. Larsen, D, **Schwatka, NV**, v.S. Brockbank, C, Curran, K, Jinnett, K. (March, 2017). Worksite wellness: A vehicle to gain insight into cost drivers and increase productivity and wellness. Invited interactive panel presentation at the Integrated Benefits Institute Annual Forum, San Francisco, CA.
 23. Newman, L, **Schwatka, NV**, Shore, E, Tenney, L, Curran, K. (March, 2017). Partnering with Workers' Compensation Insurers to Reach Small Enterprises In Need of Health Promotion and Health Protection. Symposium session at the American College of Occupational and Environmental Medicine's American Occupational Health Conference, Denver, CO.
 24. **Schwatka, NV**, Goldenhar, L, Johnson, S. (October, 2016). A preview of a new, interactive training module for enhancing jobsite safety leadership. Oral presentation, 144th American Public Health Association Annual Meeting, Denver, CO.
 25. **Schwatka, NV**, Stange, A, Golden, A, Cragle, D, McInerney, J, Whitter, R., Tenney, L, Maret, R, Newman, L. (October, 2016). Initial screening findings from the National Supplemental Screening Program for former Department of Energy Workers. Roundtable presentation, 144th American Public Health Association Annual Meeting, Denver, CO.
 26. Goldenhar, L, Johnson, S, **Schwatka, NV**. (March, 2016). A preview of a new, interactive training module for enhancing jobsite safety leadership. Oral presentation, Construction Safety Conference, Oakbrook Terrace, IL.
 27. **Schwatka, NV**, Atherly, A, Fang, H, Goetzel, RZ, Jinnett, K, v.S. Brockbank, C, Newman, L, The Pinnacol Health Risk Management Study Research Group. (October, 2015). Relationship between employee health risk factors and workers' compensation: evidence from a cohort of small and medium sized enterprises. Oral presentation, 143rd American Public Health Association Annual Meeting, Chicago, IL.
 28. **Schwatka, NV**, Goldenhar, L, Johnson, S. (March, 2014). Enhancing safety culture through leadership. Oral presentation, Construction Safety Conference, Oakbrook Terrace, IL.
 29. **Schwatka, NV** & Rosecrance, JC. (April, 2013). Leaders create culture: A safety culture training program for leaders in the construction industry. Oral presentation, 11th Annual National Occupational Research Agenda Young Investigators Conference, Salt Lake City, UT.
 30. **Schwatka, NV** & Rosecrance, JC. (April, 2013). Leaders create culture: A safety culture training program for leaders in the construction industry. Oral presentation, 5th Annual Mountain and Plains ERC Research Symposium, Denver, CO.
 31. **Schwatka, NV** & Hoffmeister, K. (July, 2012). Using organizational climate as an assessment tool. Oral presentation, 1st Annual Occupational Health Psychology Summer Institute, Portland State University, Portland, OR.
 32. **Schwatka, NV**, Butler, LM, Rosecrance, JC. (March, 2012). Impact of an aging workforce on construction industry workers' compensation claims. Oral presentation, 4th Annual Mountain and Plains ERC Research Symposium, Loveland, CO.

33. **Schwatka, NV**, Butler, LM, Rosecrance, JC. (November, 2011). Role of aging on the cost of construction injuries. Roundtable session, 139th American Public Health Association Annual Meeting, Washington, D.C.
34. **Schwatka, NV**, Butler, LM, Rosecrance, J. (April, 2011). The role of aging on the cause, type and cost of construction injuries. Oral presentation, 9th Annual National Occupational Research Agenda Young Investigators Conference, Salt Lake City, UT.
35. **Schwatka, NV**, Hoffmeister, K, Ermann, ED, Rosecrance, J, Gilkey, D. (September, 2010). A macro-ergonomic approach to improving agricultural safety. Oral presentation, 54th Annual meeting of the Human Factors and Ergonomics Society, San Francisco, CA.
36. **Schwatka, NV**, Hoffmeister, K, Rosecrance, J. (April, 2010). A macro-ergonomic method to injury prevention. Oral Presentation, 8th Annual National Occupational Research Agenda Young Investigators Conference, Salt Lake City, UT.
37. **Schwatka, NV**, Hoffmeister, K, Gardner, P. (April, 2010). Safety climate: Strategies for measurement. Oral Presentation, 2nd annual ERC Interdisciplinary Forum on Measurement Systems for Occupational Health and Safety Research, Fort Collins, CO.
38. Hoffmeister, K, **Schwatka, NV**, Ermann, E, Rosecrance, J, Gilkey, D. (April, 2010). A macro-ergonomic approach to improving agricultural safety. Oral Presentation, 8th Annual National Occupational Research Agenda Young Investigators Conference, Salt Lake City, UT.
39. Ermann, ED, Hoffmeister, K, **Schwatka, NV**, Rosecrance, J, Gilkey, D. (April, 2010). Safety climate in agriculture: Evidence from Colorado corn farms. Symposium session, 25th annual conference of the Society for Industrial and Organizational Psychology, Atlanta, GA.

Poster presentation

- Schwatka, NV**, Dally, M, Dexter, L, Tenney, L, Brown, C, Newman, L. (November, 2021). "Profiles of Total Worker Health in Small Business." Poster presentation, Work, Stress, & Health conference, Virtual.
1. **Schwatka, NV**, Newman, LS, Tenney, L (September, 2021). "Small Business Total Worker Health® Leadership Training." Poster presentation, XXII World Congress on Safety and Health at Work 2021, Virtual.
 2. Brown, CB, **Schwatka, NV**, Dally, M, Dexter, L, Tenney, L, Shore, E, Newman, LS. (December 2020). Applying the RE-AIM framework to a Total Worker Health intervention. Poster presentation at the 13th Annual Conference on the Science of Dissemination and Implementation in Health, Virtual due to COVID-19.
 3. Tenney, L, Newman, L, **Schwatka, NV**, Scott, J. (November, 2018). Total Worker Health: An approach to promoting worker health, safety, and well-being. Poster presentation at the Collegium Ramazzini's Annual Ramazzini Days, Carpi, Italy.
 4. **Schwatka, NV**, Shore, E, Atherly, A, Weitzenkamp, D, Tenney, L, v.S. Brockbank, C, Newman, L. (June, 2017). Socio-emotional predictors of workers' compensation claims. Poster presentation, Work, Stress & Health Conference, American Psychological Association, Minneapolis, MN.
 5. **Schwatka, NV**, Rosecrance, JC, Grosch, J. (November, 2013). Leaders create culture: A safety culture training program for leaders in the construction industry. Poster presentation, 141st Annual American Public Health Association Annual Meeting, Boston, MA.
 6. Hoffmeister, K, **Schwatka, NV**, Gibbons, AM, Rosecrance, JC. (May, 2013). Ergonomics climate: Balancing safety and productivity in organizations. Poster

- presentation, 10th International conference on occupational stress and health, Los Angeles, CA.
7. Hoffmeister, K, Cigularov, K, Johnson, S, Gibbons, A, Chen, P, **Schwatka, NV**. (April, 2011). Leadership behaviors critical to improving safety in construction: A qualitative study. Poster presentation, Work, Stress and Health 2011: Work and well-being in an economic context, Orlando, FL.
 8. **Schwatka, NV**, Rosecrance, J, Butler, L. (November, 2010). Impact of aging workforce on workers' compensation claims. Poster presentation, 3rd annual Mountain and Plains ERC research symposium, Loveland, CO.
 9. Hoffmeister, K, **Schwatka, NV**, Rosecrance, J. (August, 2010). Macro-ergonomic approach to injury prevention. Poster presentation, 7th International Conference on Prevention of Work-Related Musculoskeletal Disorders, Angers, France.
 10. Hoffmeister, K, Ermann, E, **Schwatka, NV**. (November, 2009). Assessment of safety climate on Colorado farms. Poster presentation, 2nd annual Mountain and Plains research symposium, Fort Collins, CO.

SELECT TRADE PUBLICATIONS BASED ON RESEARCH

1. National Institute for Occupational Safety & Health (NIOSH). (2018). Expanding Research Partnerships: State of the Science - Research Highlights: <https://www.cdc.gov/niosh/oepp/stateofthesciencehighlights/default.html>
2. Safety+Health Magazine. The official magazine of the National Safety Council. (2018). Health conditions raise women's risk of work-related injuries: <http://www.safetyandhealthmagazine.com/articles/16742-health-conditions-raise-womens-risk-of-work-related-injuries-study-finds>
3. Anthony Ireland of RiskandInsurance.com (2016). Stress linked to workers' comp claims: <http://www.riskandinsurance.com/stress-linked-workers-comp-claims/>
4. Hoffmeister, K*, Gibbons, A, **Schwatka, NV**, Rosecrance, J. (2015). Ergonomics Climate Assessment. Centers for Disease Control/National Institute for Occupational Safety and Health Science Blog: <http://blogs.cdc.gov/niosh-science-blog/2015/08/07/ergo-climate/>
5. Rosecrance, J, Butler, L, **Schwatka, NV**. (2013). The Role of Age on the Cause, Type, Nature and Cost of Construction injuries. CPWR Reports. <http://www.cpwr.com/sites/default/files/publications/RosecranceRoleOfAge.pdf>
6. Erin Richey, with Johanna Knapschaefer of ENR.com (April 1, 2013). "Senior moments: Are older workers at greater risk of injury?" http://enr.construction.com/business_management/safety_health/2013/0401-senior-moment-safety-and-the-graying-of-the-construction-workerforce.asp
11. Sandy Smith of EHS Today.com (April 6, 2012). "Older construction workers have more costly workers' comp claims." <http://www.ehstoday.com/construction/older-construction-workers-have-more-costly-workers-comp-claims?imw=Y>