



Jennifer A. Taylor, PhD, MPH, CPPS
(she/her/hers)



Arthur L. and Joanne B. Frank Endowed Professor
Dornsife School of Public Health at Drexel University
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Education

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD 2003-2007
PhD, Health Policy and Management, Health and Public Policy Track: Specialization in Injury Prevention and Control (Laura Morlock, PhD, and Marlene Miller, MD, advisors)
Dissertation: “Utility of Patient Safety Case Finding Methods and Associations among Organizational Safety Climate, Nurse Injuries, and Errors.” Degree conferred 2008.

Boston University School of Public Health, Boston, MA 1996-1999
MPH, Health Services

Albright College, Reading, PA 1985-1989
BS, Biochemistry

Board Certification

Certified Professional in Patient Safety (CPPS) 2015-present

Professional Development

Drexel Institute for Inclusive and Equitable Teaching 2022
This cohort-based program conferred competencies to create more inclusive learning environments by implementing culturally relevant, inclusive, and equity-minded pedagogies. Activities included building inclusive syllabi; teaching transparently; creating inclusive, equitable activities and assessments; and developing skills to embrace and discuss difference in the classroom.

Drexel Teaching Academy 2022
This invitation-only program develops pedagogical experts throughout Drexel’s various schools and colleges and fosters an interdisciplinary community among faculty who already hold this expertise. It conveyed theories and research findings on teaching practice; adoption of teaching methods to effectively support diverse learners; used the principles of integrated course design to develop syllabi, assessments, and lesson plans; developed a reflective and purposeful approach to teaching; and shared knowledge and experience with the greater Drexel teaching community.

Stress First Aid (SFA), National Fallen Fire Fighters Association 2010
SFA is a flexible set of tools used to care for stress reactions in firefighters and rescue personnel. The goal is to restore health and readiness after a stress reaction. SFA emphasizes the importance of continuously monitoring the stress of fire and rescue personnel and to quickly recognize and appropriately help individuals who are reacting to stress and are in need of interventions to promote healing.

Academic and Public Health Experience

Drexel University School of Public Health, Philadelphia, PA Department of Environmental and Occupational Health (EOH)	2007-present
Professor with Tenure <ul style="list-style-type: none">• Director, Center for Firefighter Injury Research and Safety Trends (FIRST)• Director, Fire service Injury Research, Epidemiology and Evaluation Fellowship (FIRE Fellows)	2020-present
Associate Professor with Tenure <ul style="list-style-type: none">• Director, Center for Firefighter Injury Research and Safety Trends (FIRST)• Director, Fire service Injury Research, Epidemiology and Evaluation Fellowship (FIRE Fellows)	2013-2020
Assistant Professor <ul style="list-style-type: none">• Director of EOH Curriculum and Educational Activities, 2009-2014	2007-2013
New Hampshire Department of Health and Human Services, Concord, NH Bureau Chief - Health Statistics and Data Management, Office of Community and Public Health: Division of Epidemiology and Vital Statistics	2000-2003
Massachusetts Department of Public Health, Boston, MA Project Director - Emergency Department Surveillance and Coordinated Injury Prevention, Bureau of Health Statistics, Research and Evaluation: Injury Surveillance Program	1997-2000
New England Medical Center, Boston, MA Outcomes Project Associate - Quality Support Services: Department of Outcomes Analysis and Improvement	1996-1997
ARIAD Pharmaceuticals, Cambridge, MA Research Associate - Allergy/Immunosuppression Group (Dr. Joan Brugge)	1992-1996
University of Pennsylvania, Philadelphia, PA Research Assistant - Signal Transduction Molecular Biology (Dr. Joan Brugge)	1991-1992
The Wistar Institute, Philadelphia, PA Research Assistant - Multiple Sclerosis Molecular Biology	1990-1991
Alternative Ways, Inc., Belmar, NJ Electron Microscopist - Environmental consulting	1989-1990



Honors and Awards

- Arthur L. and Joanne B. Frank Endowed Professorship, 2019-2024
- Nominee, Mentor Recognition Award, Drexel University School of Public Health, 2021
- Sabbatical, AY 2016-2107. Partially supported by HSFE20-15-Q-0053 IAFF/USFA
- Nominee, Golden Apple Award for Teaching Excellence. Drexel University School of Public Health, 2016
- Outstanding Faculty Mentor by Drexel by Graduate Student Association, 2015
- Walk of Honor® at the National Memorial Park. Presented for support and dedication to America's Fire Service by the National Fallen Firefighters Foundation, Emmitsburg, Maryland, 2014
- Golden Apple Award for Teaching Excellence. Drexel University School of Public Health, 2014
- Outstanding Faculty Mentor by Drexel by Graduate Student Association, 2014
- Delta Omega Honor Society, Beta Omega chapter, 2010 – awarded by Drexel University School of Public Health students, 2010
- Golden Apple Award for Teaching Excellence. Drexel University School of Public Health, 2010
- Golden Apple Award for Teaching Excellence. Drexel University School of Public Health, 2009
- NIOSH Pilot Project Training Award. “Injuries in the Nursing Workforce: Are the Same Cultural Risk Factors Putting Patients at Risk?” Johns Hopkins Bloomberg School of Public Health, Environmental Health Services Education and Research Center (ERC), 2005-2007
- National Institute of Occupational Safety and Health (NIOSH) Training Fellowship in Occupational Injury, 2003-2007. Johns Hopkins Bloomberg School of Public Health, Environmental Health Services Education and Research Center (ERC)
- The William Haddon, Jr. Fellowship in Injury Prevention. Johns Hopkins Bloomberg School of Public Health, Department of Health Policy and Management, 2003



Grants and Contracts

Drexel University School of Public Health, Philadelphia, PA

1. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2020 Fire Prevention and Safety Grants Program: “Taking Science to the Streets: Fire Service Safety Culture Assessment and Training”. Subcontract from the Fire Department Safety Officers Association. Role: PI \$1,075,000/\$1,500,000, EMW-2020-FP-00980, 2021-2023.
2. International Association of Fire Fighters. “Development of a fire service violence prevention curriculum” Subcontract Taylor (PI), \$550,000, April, 2021- March 2022.
3. Drexel University Board of Trustees and Office of Research & Innovation COVID-19 Rapid Response Research & Development Awards. “COVID-19 RAPID Mental Health Assessment of First Responders”, Role: PI, \$10,000, 2020.
4. NIMHD: Global Alliance for Training in Health Equity Research (GATHER). MPIs: Gina Lovasi and Alex Ezeh. Role: Faculty Mentor, \$1,329,246, 1T37MD014251, 2019 - 2023
5. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2018 Fire Prevention and Safety Grants Program: “Creating a FOCUS on Safety Culture through Fire Service Assessment and Training”. Subcontract from the Fire Department Safety Officers Association. Role: PI \$1,100,000/\$1,500,000, EMW-2017-FP-00274, 2018-2020
6. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2016 Fire Prevention and Safety Grants Program: National Fire Protection Association (NFPA) and National Institute of Standards and Technology (NIST) Engineering Laboratory Applied Economics Office. “Assessing the Economic Impact of Firefighter Injuries in the United States.” Role: Consultant. \$25,000, 2017-2018
7. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2016 Fire Prevention and Safety Grants Program: “Stress and Violence to fire-based EMS Responders (SAVER).” Role: PI \$1,500,000, EMW-2016-FP-00277, 2017-2021
8. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2015 Fire Prevention and Safety Grants Program: Subcontract from the Fire Department Safety Officers Association. Role: PI, \$1,200,000/\$1,500,000, EMW-2015-FP-00051, 2016-2018
9. Research/Study of Mitigation of Incidence of Violence to Fire Fighter and EMS Responders. Subcontract from the International Association of Fire Fighters under their contract with the Department of Homeland Security/Federal Emergency Management Agency/United States Fire Administration contract number: HSFE20-15-Q-0053, Role: Consultant, \$75,000, 2016-2017
10. Drexel University –Independence Blue Cross Research Partnership Pilot Grant. “Applying and Improving Latent Semantic Analysis to Extract Insight from Medical and Related Documents” (PI: David Gefen, Drexel LeBow) \$20,000 [Role: Co-I effort: 15%], 2015-2017.
11. International Association of Fire Fighters – National Youth Fire Setting Data System, Role: Consultant Epidemiologist, \$20,000, 2014-2015
12. AJ Drexel Institute for Energy and the Environment Inaugural Seed Funding Competition. “Assessment of Human Health Risk from Operational Failure Incidents and Regulatory Violations during Natural Gas Drilling.” MPIs: Gross-Davis, Gurian, Olson, Taylor. \$50,000, 2014-2015



13. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2011 Fire Prevention and Safety Grants Program: “FIRST Reliability Study” Role: PI, EMW-2012-FP-00205 \$ 996,818, 2013-2016
14. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2011 Fire Prevention and Safety Grants Program: “Understanding Culture: Assessing Firefighter Safety Climate,” Role: PI, EMW-2011-FP-00069 \$998,878, 2012-2015
15. National Institute for Occupational Safety and Health (NIOSH). “Near Miss Narratives from the Fire Service: A Bayesian Analysis.” Role: PI, R03-009984 \$150,000, 2011-2013
16. Federal Emergency Management Agency (FEMA) Assistance to Firefighters Grant Program/2009 Fire Prevention and Safety Grants Program: “Developing a National Firefighters’ Non-Fatal Injury Surveillance System (F-NISS)” Role: PI, EMW-2009-FP-00427 \$870,000, 2010-2013
17. Drexel Engineering Cities Initiative (DECI) - “Factors Influencing Trust in Emergency Fire Warning Systems in the PHA Environment.” Co-Investigator with Lisl Zach, PhD (Drexel i-school). \$4,000 June, 2009
18. International Association of Fire Chiefs – National Fire Fighter Near-Miss Reporting System, Role: Consultant Epidemiologist, 2007-2012 (\$275,000 total)

New Hampshire Department of Health and Human Services, Concord, NH (as Bureau Chief - Health Statistics and Data Management)

19. CORE Injury Surveillance Cooperative Agreement, Centers for Disease Control and Prevention (CDC) grant. CCU17/CCU122372, \$76,734 awarded 2002
20. Behavioral Risk Factor Surveillance System (BRFSS), CDC grant. CCU58/CCU58102103, \$158,426, awarded 2000, 2001, 2002
21. National Program of Cancer Registries CDC grant. CCU75/CCU118722, \$489,249, awarded 2000, 2001, 2002
22. Empowering Communities with Data, New Hampshire Endowment for Health. \$85,000 awarded 2001, 2002
23. New England Bladder Cancer Study, National Cancer Institute (NCI), 2001, 2002
24. New Hampshire Access Project (coordinated with Dartmouth College), 2002



Professional Memberships

- American Society for Professionals in Patient Safety – Lifetime Member
- Society for the Advancement of Violence and Injury Research
- Society for Occupational Health Psychology

Volunteer Community Service

- Board of Directors - We're Educators - A Touch of Class, Boston, MA, 2001-2003
- Board of Directors - Public Health Museum, Tewksbury, MA - 1998-2000
- Member - Massachusetts Public Health Association, Boston, MA 1996-2003
- Chair, Advisory Board - Southern Jamaica Plain Health Center, MA 1995-1998

Political Experience

- Council Member - Neighborhood Council, Jamaica Plain, MA, 1997-1998
 - Elected via write-in campaign
- Co-chair - Tomás González for Massachusetts State Representative, Jamaica Plain, MA, 1997

Teaching

Drexel University School of Public Health, Philadelphia, PA

- Professional Development for Doctoral Students (3 credits) – developed and instructed, 2022
- Fire service Injury Research, Epidemiology and Evaluation fellowship (FIRE Fellows) – developed, funded, and instructed, 2016-present [Master's student summer fellowship fulfilling public health applied practical experience requirement – non-credit]
- Safety in Health Care (3 credits) – developed and instructed, 2009-present
- Reading Course, Safety in Health Care (3 credits) – developed and instructed, 2012, 2018
- Injury Prevention and Control (3 credits) – developed and instructed, 2008-present
- Environmental & Occupational Health (3 credits) – redeveloped and co-instructed, 2015 -2017
- Environmental & Occupational Health (3 credits) – redeveloped and co-instructed, 2007-2010
- Environmental & Occupational Health Professional Development Seminar (non-credit) – developed and instructed, 2009-2013
- Food Unchained: Deconstructing Human Health and Environmental Impacts (3 credits) – developed and instructed, 2008-2009

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Teaching Assistant, Introduction to the US Healthcare System (Instructor: Christopher Forrest, MD, PhD)
- Teaching Assistant, Medical Errors and Patient Safety (Instructors: Albert Wu, MD, MPH, Laura Morlock, PhD Peter Pronovost, MD, PhD)
- Teaching Assistant, Graduate Seminar in Injury Research and Policy (Instructor: Susan Baker, MPH, PhD)
- Teaching Assistant, Summer Institute in Injury Prevention and Control (Instructor: Carolyn Fowler, PhD)



Professional Service

International Service

- Examining Cancer and Injury Among Female Firefighters, BC Injury Research and Prevention Unit, Vancouver, Canada, 2019-present
- World Health Organization: Global Burden of Diseases, Injuries, and Risk Factors Study (GBD Study), Corresponding Member in the Injuries Expert Group 2008-2013.
- International Collaborative on External Causes of Injury Statistics and Methodology (ICECI), member
- Reviewer, 2019 INGRoup conference abstracts

National Service

- Expert Panelist and Presenter. AAA Foundation for Traffic Safety's December 2021 Research Brief titled "Improving Roadside Responder Crash Data: Outcomes from an Expert Roundtable Discussion"
- National Fallen Fire Fighters Research Agenda Symposium, Jurist 2021
- Board of Directors, International Public Safety Data Institute, 2020-present
- Editorial Board, International Fire Service Journal of Leadership and Management, 2018-present
- Editorial Board, Journal of Occupational Health Psychology, 2014-2019
- Editorial Board, Journal of Safety Research, 2013-present
- Editorial Board, Injury Epidemiology, 2013-present
- Editorial Advisory Board, Pennsylvania Patient Safety Advisory, 2008-2011, 2019-2023
- Grant Review/Study Section
 - National Institute for Occupational Safety and Health - Study Section, 2022-2026
 - National Institute for Occupational Safety and Health - Study Section, Occupational Safety and Health Training Program Grants, 2022
 - Northeast Center for Occupational Health and Safety - Agriculture | Forestry | Fishing NIOSH Center renewal application, Reviewer, 2021
 - National Institute for Occupational Safety and Health - Study Section, State Occupational Safety and Health Surveillance Programs, 2021
 - National Institute for Occupational Safety and Health - Study Section, 2015, 2018, 2019, 2022-2026
 - FEMA Assistance to Firefighter R&D program, 2011
- Peer Reviewer
 1. Abstract, American Public Health Association – Injury Control and Emergency Health Services section
 2. Abstract, American Psychological Association and Society for Occupational Health Psychology – annual "Work, Stress, and Health" meeting
 3. Manuscript: Injury Prevention (BMJ), Injury Epidemiology (BMC), Journal of Safety Research (Elsevier), Safety Science (Elsevier), Pediatrics (AAP), Public Health Reports (Sage), Health Services Research (Wiley), Medical Care (LWW), BMJ Quality & Safety, Journal of Occupational and Environmental Medicine (BMJ), Occupational and Environmental Medicine (LWW), and Accident Analysis and Prevention (Elsevier), Journal of the American Medical Informatics Association (Oxford)



- American Public Health Association
 - Immediate Past-Chair, Injury Control and Emergency Health Services Section, 2010-2011
 - Chair, Injury Control and Emergency Health Services Section, 2009-2010
 - Chair-Elect, Injury Control and Emergency Health Services Section, 2008-2009
 - Co-Chair, Data Committee - Injury Control and Emergency Health Services Section, 2003-2011
- Selection Committee, Delaware Valley Patient Safety Award, 2009
- Member, Association of Schools of Public Health (ASPH) - EOH Council, 2008-2013

Drexel University Service

- Academic Portfolio Mentor to Drexel Faculty, renamed CANOPI: Creating a Narrative of Professional Involvement, 2010-present
- Faculty Fellow: Drexel Center for Academic Excellence, 2010-2019
- Privacy and Security Committee, Chief Compliance and Privacy Office, 2014-2019
- Taskforce on Health and Wellness Informatics, 2014-2017
- Health Law Board, Drexel University School of Law, 2007-present
- Senator, Faculty Senate, Drexel University, 2008-2011
- Curriculum Committee: Patient Safety Task Force, Drexel University College of Medicine

Drexel University - School of Public Health

- Queer Inclusion, Equity, Health, and Rights (QuIEHR), an LGBTQ+ health & human rights working group, 2022-present
- Appointment Promotions and Tenure committee, 2015-present
- Working Group on Student Advising and Mentoring, 2018
- Executive Committee of the Faculty – Chair, 2015-2016
- MPH Redesign Taskforce and Steering Committee, 2016
- Teaching Excellence and Learning Collaborative (Convener), 2013
- Education Coordinating Committee, 2008-2013
- Doctoral Committees: Epidemiology, Nursing, Physical Therapy and Rehabilitation Sciences
- Strategic Planning Committee, Drexel University School of Public Health – Chair, Governance Subcommittee, 2008
- National Public Health Week
- Search Committee member, Associate Dean for Research
- Search Committee member, EOH Faculty search
- Search Committee member, Dornsife Endowed Professor

Drexel University - School of Public Health, Department of Environmental and Occupational Health (EOH)

- Mid-tenure Review Committee lead, 2019
- Co-Chair, PhD Development Program, 2019-2020
- Co-Chair, PhD Development Committee, 2018-2019
- Director, Center for Firefighter Injury Research and Safety Trends (FIRST)



- Director, Fire service Injury Research, Epidemiology and Evaluation fellowship (FIRE Fellows), 2016-present
- Director of Curriculum and Educational Activities, 2009-2014
- Career Day (Organizer of EOH Alumni Speakers), 2009-2017
- EOH Club Faculty Advisor, 2010-2016

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Academic Policy and Curriculum committee, 2003-2007

Boston University School of Public Health, Boston, MA

- Strategic Planning Committee, Student Representative, 1996-1999
- DrPH Committee, Alumni Representative, 1999-2000

Publications in Preparation, Review, or Revision

1. Lee, J., Resick, C. J., Allen, J. A., Davis, A., & Taylor, J. A. Interplay between Safety Climate and Burnout: Effects on First Responders' Safety Behavior on Wellbeing Over Time (longitudinal study in review, Journal of Business and Psychology).
2. Castro K, Allen JA, Trautman A, Geczik A, Eden E, Boyer S, Davis AL, Lee J, Resick CJ, Taylor JA. “‘By nature, we’re doers and problem solvers’: first responder role conflict and work balance during the COVID-19 pandemic”. (qualitative analysis, in review, JOEM)
3. Haleem Z, Brandt-Rauf, and Taylor JA. “An Inventory of State Workers’ Compensation Laws for Firefighter Mental Health.” (legal analysis, in review, Milbank Quarterly)
4. Taylor JA, Mullin G, Davis AL, Trautman A, Castro K, Murray RM, Shepler LJ, Resick CJ, Allen JA, Lee J. “The COVID-19 RAPID Mental Health Assessment: Impact on fire and EMS responders” (quantitative analysis, in preparation)

Peer-Reviewed Publications

— denotes publication with current or previous student/trainee

1. Geczik AM, Lee J, Davis AL, Allen JA, **Taylor JA**. Size matters: How safety climate and downstream outcomes vary by fire department organization type. Inj Epidemiol. 2022 Mar 23;9(1):11. <http://doi.org/10.1186/s40621-022-00373-x> PMID: 35321756; PMCID: PMC8941800.
2. Pollen TR, Warren M, Ebaugh D, **Taylor JA**, Silfies SP. Intrinsic Risk Factors for Non-Contact Musculoskeletal Injury in College Swimmers: A Prospective Cohort Study. J Athl Train. 2022 Mar 10. doi: 10.4085/1062-6050-0658.21. Epub ahead of print. PMID: 35271720.
3. **Taylor JA**, Murray RM, Davis AL, Brandt-Rauf S, Allen JA, Borse R, Pellechia D, Piccone D. Model Policies to Protect U.S. Fire-Based EMS Responders From Workplace Stress and Violence. New Solut. 2022 Mar 24:10482911221085728. doi: 10.1177/10482911221085728. Epub ahead of print. PMID: 35322702. <http://doi.org/10.1177/10482911221085728>
4. Pollen T, Ebaugh D, Warren M, Milner C, **Taylor J**, Silfies S. The Relationship between Workload and Non-Contact Musculoskeletal Injury in College Swimmers. Journal of Athletic Training 2021. <https://doi.org/10.4085/1062-6050-0135.21>
5. Wang C, Lê-Scherban F, **Taylor J**, Salmoirago-Blotcher E, Allison M, Gefen D, Robinson L, Michael YL. The Associations of Job Strain, Stressful Life Events and Social Strain with Coronary Heart Disease in the Women’s Health Initiative Observational Study. Journal of the American Heart Association 2021; <http://doi.org/10.1161/JAHA.120.017780>



6. Davis AY, Allen JA, Shepler LJ, Resick CJ, Lee, J, Marinucci, R, and **Taylor JA**. “Moving FOCUS – The Fire Service Organizational Culture of Safety survey – From research to practice.” *Journal of Safety Research*. Special Issue: NOIRS. 2020. <https://doi.org/10.1016/j.jsr.2020.06.011>
7. Murray RM, Allen JA, Davis AY, and **Taylor JA**. “Meeting science meets public health: Results from the “Stress and Violence in fire-based EMS Responders (SAVER) Systems Checklist Consensus Conference (SC3)”. *Journal of Safety Research*. Special Issue: NOIRS. 2020. <https://doi.org/10.1016/j.jsr.2020.06.009>
8. Murray RM, Davis AY, Shepler LJ, Moore-Merrell L, Troup W, **Taylor JA**. “Systematic Review of Workplace Violence against Emergency Medical Services (EMS) Responders in the pre-hospital setting.” *New Solutions: A Journal of Environmental and Occupational Health Policy* 2020, Vol. 29(4) 487-503. [DOI: 10.1177/1048291119893388](https://doi.org/10.1177/1048291119893388)
9. **Taylor JA**, Murray RM, Davis AL, Shepler LJ, Harrison C, Novinger N, and Allen JA. “Creation of a Systems-Level Checklist to Address Stress and Violence in Fire-Based EMS Responders.” *Occupational Health Science*. First online August 26, 2019. <https://doi.org/10.1007/s41542-019-00047-z>
10. Allen, J. A., **Taylor, J. A.**, Murray, R. M., Kilcullen, M., Cushenbery, L., Gevers, J., Larson, L., Ioku, T., Maupin, C., Perry, S., Park, S., Rosen, M., Fry, T., McLeod, P., Harris, A., & Fosler, K. (Oct. 2020). Mitigating Violence against First Responder Teams: Results and Ideas from the “Hackmanathon”. *Small Group Research*, 51(3), 375-401. [https://doi: 10.1177/1046496419876342](https://doi.org/10.1177/1046496419876342)
11. Wright JY, Davis AL, Brandt-Rauf S, and **Taylor JA**. “ ‘Felony assault should stick’: Assaulted EMS responders’ frustration and dissatisfaction with the legal system”. *American Journal of Industrial Medicine*. Aug. 2019; 1-12. <https://doi.org/10.1002/ajim.23036>
12. **Taylor JA**, Davis AL, Shepler L, Lee J, Cannuscio C, Zohar D, and Resick C. “Development and validation of the fire service safety climate scale.” *Safety Science*, Volume 118, October 2019, Pages 126-144. Published online first: 15 May 2019. <https://doi.org/10.1016/j.ssci.2019.05.007>
13. **Taylor, JA**. “Bruised Apples: Violence Against Women in the Education Sector” Invited Commentary. Invited Commentary (Peer-reviewed). *Occup Environ Med* 2019;76:1-2. Published Online First: 21 Nov 2018. <http://dx.doi.org/10.1136/oemed-2018-105426>
14. Gefen D, Miller J, Armstrong J, Cornelius F, Robertson N, Smith-McLallen A and **Taylor J**. "Identifying Patterns in Medical Records with Latent Semantic Analysis " *Communication of Association For Computing Machine*. June 2018, Vol. 61 No. 6, Pages 72-77. <https://doi.org/10.1145/3209086>
15. **Taylor JA**, Widman SA, James SJ, Green-McKenzie J, McGuire C, and Harris EJ. “Time Well Spent: Patient Industry and Occupation Data Collection in Emergency Departments.” *Journal of Occupational & Environmental Medicine*: August 2017 - Volume 59 - Issue 8 - p 742–745 <https://doi.org/10.1097/JOM.0000000000001088> *Fast Track Article*
16. Khan YA, Davis, AL, and **Taylor JA** (2017): Ladders and lifting: How gender affects safety behaviors in the fire service, *Journal of Workplace Behavioral Health*, 3, 206-225 [DOI: 10.1080/15555240.2017.1358642](https://doi.org/10.1080/15555240.2017.1358642)
17. Widman SA, Le Vasseur M, Tabb LP, and **Taylor JA**. " The benefits of data linkage for firefighter injury surveillance.” *Inj Prev* 2017;0:1–10. <http://dx.doi.org/10.1136/injuryprev-2016-042213>
18. Plaisime M, Malbranche D, Davis AL, and **Taylor JA**. “Healthcare Providers' Formative Experiences with Race and Black Male Patients in Urban Hospital Environments.” *Journal of*



- Racial and Ethnic Health Disparities. 2016 Dec 07. <https://dx.doi.org/10.1007/s40615-016-0317-x>
19. Maglio MA, Scott C, Davis AL, Allen J, **Taylor JA**. Situational Pressures that Influence Firefighters' Decision Making about Personal Protective Equipment: A Qualitative Analysis. *Am J Health Behav*. 2016 Sep;40(5):555-67. <https://doi.org/10.5993/AJHB.40.5.2>
 20. Vallmuur K, Marucci-Wellman H, **Taylor JA**, Lehto M, Corns HL, and Smith GS “Harnessing information from injury narratives in the 'big data' era: Understanding and applying machine learning for injury surveillance.” *Inj Prev*. 2016 Apr;22 Suppl 1:i34-i42. <https://doi.org/10.1136/injuryprev-2015-041813> Epub 2016 Jan 4.
 21. Allegrante JP, Mitchell R, **Taylor JA**, and Mack K. “Injury surveillance: the next generation.” *Inj Prev*. 2016 Apr;22 Suppl 1:i63-i65. <https://doi.org/10.1136/injuryprev-2015-041943>
 22. Cannuscio, C. C., Davis, AL, Kermis, AD, Khan, Y, Dupuis, R, & **Taylor, JA**. A Strained 9-1-1 System and Threats to Public Health. *J Community Health* (2016) 41: 658. <https://doi.org/10.1007/s10900-015-0142-x>
 23. **Taylor JA**, Barnes B, Davis AL, Wright J, Widman SA, and Le Vasseur ML. "Expecting the Unexpected: A Mixed Methods Study of Violence to EMS Responders in an Urban Fire Department". *Am J Ind Med*. 2016 Feb;59(2):150-63. <https://doi.org/10.1002/ajim.22550> Epub 2016 Jan 4.
 24. **Taylor, JA**, Barnes, B, Lacovara A, Patel R, and Davis AL. "Injury Risks of EMS Responders: Evidence from the National Fire Fighter Near-Miss Reporting System." *BMJ Open* 2015;5:e007562. <https://doi.org/10.1136/bmjopen-2014-007562>
 25. Agbenyikey W., Karasek R., Cifuentes, C, Wolf, P.A., Seshadri, S., **Taylor, JA**, Beiser, A., Au R. Job strain and cognitive decline: A prospective study of the Framingham offspring cohort. *Int J Occup Environ Med* 2015;6:-94. DOI: 10.15171/ijoem.2015.534
 26. **Taylor JA** and Lacovara AV. “From Infancy to Adolescence: The Development and Future of the National Fire Fighter Near-Miss Reporting System”. *New Solutions: A Journal of Environmental and Occupational Health Policy*, Vol. 24(4) 551-572, 2014. <http://dx.doi.org/10.2190/NS.24.4.h>
 27. Rosso A, Tabb L, Grubestic A, **Taylor JA**, and Michael YL. "Neighborhood Social Capital and Achieved Mobility of Older Adults" *J Aging Health* December 2014 26: 1301-1319, <https://dx.doi.org/10.1177/0898264314523447>
 28. **Taylor, JA**, Lacovara AV, Smith GS, Pandian, R, and Lehto M. “Near Miss Narratives from the Fire Service: A Bayesian Analysis”. *Accident Analysis and Prevention*. 2014 Jan;62:119-29. <https://doi.org/10.1016/j.aap.2013.09.012> Epub 2013 Oct 1.
 29. **Taylor, JA** and Frey, LT. “A Call to Collect Industry and Occupation Codes in Healthcare Data”. *Journal of Environmental and Occupational Health*. 55(5) 495-499, May 2013. <https://doi.org/10.1097/JOM.0b013e318293af12> **Fast Track Article**
 30. **Taylor JA** and Pandian R. “A Dissonant Scale: Stress Recognition in the SAQ”. *BMC Research Notes*. 2013, 6:302 <https://doi.org/10.1186/1756-0500-6-302>
 31. Roman LA, Guard A, and **Taylor, JA**. “Examining the term “surveillance” as a potential barrier between public health and community partners”. *Injury Prevention*. Published Online First: February 12, 2013 <https://doi.org/10.1136/injuryprev-2012-040713>
 32. Lozano R, et al. “Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: A systematic analysis.” *Lancet*. 2013 Dec 15;380(9859):2095-128. [https://doi.org/10.1016/S0140-6736\(12\)61728-0](https://doi.org/10.1016/S0140-6736(12)61728-0)
 33. Vos T, et al. “The Global Burden of Non-Fatal Health Outcomes for 1,160 Sequelae of 291 Diseases and Injuries 1990-2010: a Systematic Analysis.” *Lancet*. 2013 Dec 15;380(9859):2163-96. [https://doi.org/10.1016/S0140-6736\(12\)61729-2](https://doi.org/10.1016/S0140-6736(12)61729-2)



34. Murray CJL, et al. "Global Burden of Diseases and Injuries for 291 causes, 21 regions, 1990-2010: a systematic analysis." *Lancet*. 2013 Dec 15;380(9859):2197-223.
[https://doi.org/10.1016/S0140-6736\(12\)61689-4](https://doi.org/10.1016/S0140-6736(12)61689-4)
35. Murray C, et. al. "The State of US Health, 1990-2010: Burden of Diseases, Injuries, and Risk Factors". *JAMA*. 2013;310(6):591-608. <https://doi.org/10.1001/jama.2013.13805>
36. **Taylor JA**, Pandian R, Mao L, Michael, YL. "Using inpatient hospital discharge data to monitor patient safety events." *Journal of Healthcare Risk Management*. 2013;32(4)
<https://doi.org/10.1002/jhrm.21107>
37. Rosso A, **Taylor JA**, Tabb L, Michael YL. "Mobility, Disability, and Social Engagement in Older Adults." *Journal of Aging and Health*. 2013 Jun;25(4): 617 - 637.
<https://doi.org/10.1177/0898264313482489>
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39. **Taylor JA**, Phillips JP, and Hall B. The History and Impact of Disability Law for Firefighters. in: Brian Dolan and Paul Blanc, eds. *At Work in the World: Proceedings of the Fourth International Conference on the History of Occupational and Environmental Health* (San Francisco: UC Medical Humanities Press, 2012).
40. **Taylor JA**, Dominici F, Gerwin DJ, Agnew JA, Morlock L, Miller MR. "Do Nurse and Patient Injuries Share Common Antecedents? An Analysis of Associations with Safety Climate and Working Conditions." *BMJ Qual Saf*2012;21:101-111 <https://doi.org/10.1136/bmjqs-2011-000082>
41. **Taylor JA**, Gerwin DJ, Morlock L, Miller MR. Triangulating case-finding tools for patient safety surveillance: a cross-sectional case study of puncture/laceration. *Inj Prev*2011;17:388-393
<https://doi.org/10.1136/ip.2010.029108>
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43. Sorock GS, Quigley PA, Rutledge MK, **Taylor J**, Luo X, Foulis P, Wang MC, Varadhan R, Bellantoni M, Baker SP. Central nervous system medication changes and falls in nursing home residents. *Geriatric Nursing*, 2009 Sep-Oct;30(5):334-40.
44. **Taylor, J.A.** and Miller, M.R. Authors Incorrectly Cited Classification of Adverse -Event Codes. *Pediatrics*, 2005 (116): 1259-1260.
45. **Taylor, J.A.**, Karas, J., Green, O.M., and Seidel-Dugan, C. Activation of the high-affinity immunoglobulin E receptor FcERI in RBL cells is inhibited by SYK SH2 domains. *Molecular and Cellular Biology*, 1995 August, 15(8): 4149-4157.
46. Rickles, R., Botfield, M.C., Weng, Z., **Taylor, J.A.**, Green, O.M., Brugge, J.S., and Zoller, M.J. Identification of Src, Fyn, Lyn, PI3k, and Abl domain ligands using phage display libraries. *EMBO Journal*, 1994, 13(23): 5598-5604.
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Dissertation

Taylor JA. Utility of patient safety case finding methods and associations among organizational safety climate, nurse injuries, and errors. The Johns Hopkins University 2008; 178 pages. Publication Number AAT3288543. Copyright ProQuest, UMI Dissertations Publishing 2008.

Reports

Butry DT, Webb D, Gilbert S, and **Taylor JA.** *The Economics of Firefighter Injuries in the United States: Executive Summary* Report number: 2019 Fire Protection Research Foundation 1 Batterymarch Park, Quincy, MA 02169-7417, USAFPRF-2019-23-REV

Butry DT, Webb D, Gilbert S, and **Taylor JA.** *The Economics of Firefighter Injuries in the United States.* National Institute of Standards and Technology Technical Note 2078 Natl. Inst. Stand. Technol. Tech. Note 2078, 61 pages (December 2019) CODEN: NTNOEF
<https://doi.org/10.6028/NIST.TN.2078>

Taylor JA, Murray RM, Davis AL, Shepler LJ. (2017). *Mitigation of Occupational Violence to Firefighters and EMS Responders.* U.S. Fire Administration [Contract: HSFE20-15-Q-0053]. United States Fire Administration. United States. Federal Emergency Management Agency. Copyright: Public Domain. Retrieved From: <https://www.usfa.fema.gov/>
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Peer-Reviewed Conference Abstracts and Presentations

1. "EMERG-ing data - multi-city surveillance of violence against EMS responders." Taylor, JA, Ghanbari R, Murray RM, Gallogly, V, Davis AL. Session: Advancing Surveillance Efforts to Improve EMS and Firefighter H&S Outcomes. Moderator: John H. Oates. National Occupational Injury Research Symposium May 13, 2022 (virtual).
2. "Descriptive epidemiology of the Fire Service Organizational Culture of Safety (FOCUS) beta-test data: Differences by safety climate." Geczik, A and Taylor, JA. Session: Advancing Surveillance Efforts to Improve EMS and Firefighter H&S Outcomes. Moderator: John H. Oates. National Occupational Injury Research Symposium May 13, 2022 (virtual).
3. "Safety climate and self-reported injury: Assessing differences by fire department organization type." Geczik AM, Lee J, Davis AL, Allen JA, Taylor JA. Society for Epidemiologic Research Annual Meeting. June 14-17, 2022. Chicago, IL.
4. "Emerging job demands and resources for fire-based first responders due to COVID-19 [Poster]." Castro, K. C., Geczik, A. M., Boyer, S. L., Allen, J. A., Lee, J., Davis A. L., & Taylor, J. A. (April 2022). Society for Industrial and Organizational Psychology's (SIOP) Annual Conference, April 27-29, 2022, Seattle, WA. (selected SIOP 2022 Top Poster).
5. "Assessment of perceived challenges due to COVID-19 in fire-based first responders." Castro, K. C., Allen, J. A., Davis, A. L., Boyer, S. L., Eden, E., Geczik, A. M., & Taylor, J. A. (April 2021). Research presented at the 19th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Virtual Symposium, April 16, 2021, Salt Lake City, UT.
6. "Testify and rectify: Violence against EMS responders". Taylor JA, Murray RM, Allen JA. APHA Virtual Annual Meeting. October 2020.



7. "Developing model policy - evolution of the SAVER Systems Checklist to address stress and violence in EMS" Murray RM, Allen JA, Taylor JA. APHA Virtual Annual Meeting. October 2020.
8. "Protecting and Serving your Team: Fatigue, Burnout, PTSD, Wellness". MacQuarrie S, Patterson D, Crowe R, and Taylor JA. EMS World Expo Virtual Conference. Sept 14-15, 2020.
9. "Building Public Health in Philadelphia: Collaboration between Academia, Government and Community to Improve Health." Kolker J., Voyles C., and Taylor JA. Academic and Practice Linkages in Public Health Caucus APHA 2019 Annual Meeting and Expo (Nov. 2 - Nov. 6).
10. "Stress and Violence in fire-based EMS Responders (SAVER) Symposium." Taylor JA, Convener. APA/NIOSH/SOPH Work, Stress, and Health Conference. Nov. 6-9, 2019. Philadelphia, PA.
 - a. "Stress and Violence in fire-based Emergency Medical Services Responders: Developing a Systems-Level Intervention." Murray RM, Taylor JA, Davis AL, Shepler LJ, Allen JA.
 - b. "Mitigating Violence against First Responder Teams: Results and Ideas from the 'Hackmanathon'." Allen JA, Taylor JA, Murray RM, Davis AL, Shepler LJ
 - c. "Stakeholder Perspectives on Violence in EMS and Results of the Systems Checklist Consensus Conference." Vernon B, Taylor JA, Murray RM, Davis AL, Shepler LJ, Allen JA.
11. "The Work Environment, Stress, and Mental Health in EMS Responders: A Mixed Methods Study." Murray R and Taylor JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Nov. 6-9, 2019. Philadelphia, PA.
12. "Creating the next generation of first responder safety researchers" Shepler LJ, Davis AL, Murray RM, and Taylor JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Nov. 6-9, 2019. Philadelphia, PA.
13. "Serving the United States fire service with safety culture assessment: from research to practice." Davis AL, Allen JA, Shepler LJ, and Taylor JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Nov. 6-9, 2019. Philadelphia, PA.
14. "Development and Validation of the Fire Service Safety Climate Scale." Lee J, Taylor JA, Shepler LJ, Davis AL, Zohar D, and Resick CR. APA/NIOSH/SOPH Work, Stress, and Health Conference. Nov. 6-9, 2019. Philadelphia, PA.
15. "Cross-Disciplinary Approaches to Teams." Panel: Wildman J, DiazGranados D, Hung H, Battaglia P, Scott C, Taylor J, Slattery Walker L. INGRoup conference, Lisbon, Portugal. July 18 – 20, 2019.
16. Mitigating Violence against First Responder Teams: Results and Ideas from the "Hackmanathon". Allen J, Taylor J, Murray R, Kilcullen M, Cushenbery L, Gevers J, Larson L, Ioku T, Maupin C, Perry S, Park A, Rosen M, Fry T, McLeod P, Harris A, Fosler K. INGRoup conference, Lisbon, Portugal. July 18 – 20, 2019.
17. "Creation of a Systems-Level Checklist to Address Stress and Violence in Fire-Based EMS Responder Groups and Teams" Taylor JA, Murray RM, Davis AL, Shepler LJ, Allen JA. INGRoup conference, Lisbon, Portugal. July 18 – 20, 2019.
18. "A Systems-level Intervention for Emergency Medical Services: Policy and Training to address stress and violence to EMS Responders". Murray R, Taylor JA, Davis AL, Shepler LJ, and Allen JA. Society for the Advancement of Violence and Injury Research (SAVIR). Cincinnati, OH. April 1-3, 2019.
19. "Serving the United States Fire Service with Safety Culture Data: Dissemination of Results." Taylor JA, Davis AL, Shepler LJ. 13th World Conference on Injury Prevention and Safety Promotion (Safety 2018). Bangkok, Thailand. November 4-7, 2018.
20. "Developing a Systems-Level Checklist for the Prevention of Violent Events against Emergency Medical Services Responders in The United States." Murray RM, Taylor JA, Davis AL, Shepler



- LJ, Allen J, Mitchell K. 13th World Conference on Injury Prevention and Safety Promotion (Safety 2018). Bangkok, Thailand. November 4-7, 2018.
21. "Workplace Violence in Emergency Medical Services: The development of a systems-level intervention." Murray RM, Taylor JA, Davis AL, Shepler LJ, Allen J, Mitchell K. National Occupational Injury Research Symposium (NOIRS 2018). Morgantown, WV. October 16-18, 2018.
 22. "Moving FOCUS - the fire service safety climate tool - from research to practice." Taylor JA, Davis AL, Shepler LJ. National Occupational Injury Research Symposium (NOIRS 2018). Morgantown, WV. October 16-18, 2018.
 23. "Finding FOCUS on a Safer Fire Service Climate." Taylor JA, Davis AL. National Occupational Injury Research Symposium (NOIRS 2018). Morgantown, WV. October 16-18, 2018.
 24. "Organizational empowerment through data in the United States fire service". Taylor JA, Davis AL. The 2nd International Symposium to Advance Total Worker Health. Bethesda, Maryland. May 8-11, 2018.
 25. "Creating FOCUS: The Fire service Organizational Culture of Safety survey". Taylor JA, Davis AL, Lee J, Resick C, Zohar D. Society for the Advancement of Violence and Injury Research (SAVIR). Ann Arbor, Michigan. September 2017.
 26. "Creating FOCUS: The Fire Service Organizational Culture of Safety Survey". Davis AL and Taylor JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Minneapolis, Minnesota. June 2017.
 27. "A Mixed Methods Study of Stress, Mental Health, and the Work Environment in EMS responders in the United States". Murray RM, Davis AL, and Taylor JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Minneapolis, Minnesota. June 2017.
 28. "Creating FOCUS: The Fire Service Safety Culture Survey, a Mixed Methods Approach". Davis AL and Taylor JA. Safe States Alliance Annual Meeting, Albuquerque, NM, April 2016.
 29. "Creating FOCUS - the firefighter safety climate survey - through exploratory sequential design." Taylor JA and Davis AL. Mixed Methods International Research Association Regional Conference at Drexel University. Philadelphia, PA. June 2015.
 30. "Symposium: Enhancing First Responders Work and Safety through Safety Climate and Safety Management Systems." Scharf T, Bengt A, DeJoy D, and Taylor JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Atlanta, GA. May, 2015.
 31. "A Qualitative Analysis of Situational Pressures that Influence Firefighters Decision-Making about Personal Protective Equipment." Maglio M, Davis AL, and Taylor, JA. APA/NIOSH/SOPH Work, Stress, and Health Conference. Atlanta, GA. May, 2015.
 32. "Expecting the Unexpected: Assaults to paramedics and EMTs in an Urban Fire Department." Taylor JA, Barnes B, Davis AL, Wright J, Widman SA, and Le Vasseur ML. APA/NIOSH/SOPH Work, Stress, and Health Conference. Atlanta, GA. May, 2015.
 33. "Gender as an effect modifier in firefighter safety climate." Khan, Y, Davis A, and Taylor JA. New Orleans, APHA Annual Meeting & Exposition. November, 2014.
 34. "Expecting the unexpected: Assaults to EMTs/Paramedics" Barnes, B and Taylor, JA. New Orleans, APHA Annual Meeting & Exposition. November, 2014.
 35. "A comparison of the "Fuzzy Dwyer" matching algorithm and a probabilistic matching algorithm for data linkage." LeVasseur, ML, Dwyer F, and Taylor JA. Health Informatics Information Technology Section. New Orleans, APHA Annual Meeting & Exposition. November, 2014.
 36. "Healthcare Providers Formative Experiences with Race and their potential influence on experiences with Black Male Patients in Urban Hospital Environments." Plaisime MV,



- Malebranche D, Taylor JA. BCHW Student Round Table Special Session: African Americans reorganizing for a better New Orleans, APHA November, 2014
37. "Assaults to First Responders: Near Misses and Injuries." Taylor JA, Barnes, BM. Fire-Rescue International 2014. Dallas, Texas.
 38. "Understanding Culture: Assessing Firefighter Safety Climate, Phase II". Taylor JA, Davis, AL. Fire-Rescue International 2014. Dallas, Texas.
 39. "Understanding Culture: Assessing Firefighter Safety Climate". Taylor JA and Davis AL. European Association of Occupational Health Psychology, London. April 2014.
 40. "Patient Safety or Injury Control – Two Worlds or One?" Marsteller J, Pronovost P, Baker S, Taylor JA, Hargarten S. Fourth Annual Patient Safety Summit, Johns Hopkins Hospital. Baltimore, MD, June 21, 2013.
 41. "Roof-collapse, Electrocution, Limp Hose, OH MY! Lessons from Near-Miss." Taylor JA and Lacovara AV. Fire-Rescue International 2013. Chicago, Illinois.
 42. "Assessing Fire Department Safety Culture". Taylor JA, Roman LA. Fire-Rescue International 2013. Chicago, Illinois
 43. Lacovara A, Taylor JA, Nichols E, Meyers L, Kiernan A, Gould JM, Haines CJ. "Impact of a Rapid Cycle Hand Hygiene Initiative in a Pediatric Emergency Department: The 'Clean Hands/Dirty Hands' Initiative." Presented at the Association for Professionals in Infection Control and Epidemiology, Inc. Annual Conference (APIC) 2012, San Antonio, TX.
 44. Lacovara A, Haines CJ, Taylor JA. "Impact of Acuity on Hand Hygiene Behavior in a Pediatric Emergency Department." Presented at the Pediatric Academic Societies' (PAS) Annual Meeting 2012, Boston, MA.
 45. "Neighborhood Resources and Mobility of Older Adults in Philadelphia, PA." Rosso AL, AH Grubestic, AH Auchincloss, LP Tabb, J Taylor, YL Michael. Gerontological Society of America, 2012.
 46. "Social Capital and Older Adult's Mobility – The Modifiable Areal Unit Problem." Rosso AL, AH Grubestic, AH Auchincloss, LP Tabb, J Taylor, YL Michael. Gerontological Society of America, 2012.
 47. "Mobility, Disability, and Social Engagement in Older Adults." Rosso AL, L Tabb, J Taylor, Y Michael. Society for Epidemiologic Research, 2012.
 48. "Near Miss Narratives from the Fire Service: A Bayesian Analysis." Taylor JA, Smith GS, Lehto M. 4th International Conference on Applied Human Factors and Ergonomics 2012 (AHFE 2012), San Francisco, California, USA, July 21-25, 2012.
 49. "Tick. Tock. Tenure. Capturing feedback that matters." Taylor, JA. Lilly Conference on College and University Teaching – Washington DC, May 2012.
 50. "Addition of New Codes into Administrative Data: A Discussion of the Process and Benefits for Occupational Health Surveillance." Taylor, JA and Roman LR. ICEHS session, APHA November, 2011
 51. "Addition of New Codes into Administrative Data: A Discussion of the Process and Benefits for Occupational Health Surveillance." Taylor, JA and Roman LR. OHS session, APHA November, 2011
 52. "Addition of New Codes into Administrative Data: A Discussion of the Process and Benefits for Occupational Health Surveillance." Taylor JA. National Occupational Injury Research Symposium (NOIRS 2011), Morgantown, WV, October 2011
 53. "Safety climate, occupational injury, and patient safety in nursing units." Taylor JA, Dominici F, Gerwin DJ, Agnew JA, Morlock L, Miller MR. "22nd International Conference on Epidemiology in Occupational Health - EPICOH September 2011.



54. "Working With Your Fire Department Data: Maximizing Potential for Injury Prevention." Taylor JA, and Roman LR. FDSOA Annual Safety Forum September 22-23, 2011 Orlando, FL
55. "The History and Impact of Disability Law for Firefighters," at the Fourth International Conference on the History of Occupational and Environmental Health, University of California San Francisco, June 22, 2010, San Francisco, California
56. "Annual Exploration of Injury Data Issues". Panel Moderator, APHA Annual Meeting & Exposition, 2009 Philadelphia, PA.
57. "Introduction to Proposal Writing." Community Based Master's Project seminar series. Drexel University School of Public Health, 2010.
58. "Data Systems Integration for Patient Safety Surveillance: Errors, Injuries, and Adverse Events." Taylor JA. 9th Annual Injury Conference – Injury & Safety Promotion, Melbourne Australia, July 2009.
59. "Injury in the Nursing Workforce: Associations with Organizational Safety Culture and Turnover". Poster presentation, National Occupational Injury Research Symposium (NOIRS), 2008.
60. "Organizational Safety Climate and Nurse Injury." Invited Talk, Johns Hopkins Bloomberg School of Public Health – Injury Seminar Series, November, 2008.
61. "Annual Exploration of Injury Data Issues." Taylor JA, Cook L, Fingerhut L, Annest JL. Roundtable presentation, APHA Annual Meeting & Exposition, 2008.
62. "Medical Injury Case Finding." Taylor JA, Dominici F, Agnew JA, Morlock L, Miller MR. Oral presentation, APHA Annual Meeting & Exposition, 2008.
63. "Organizational Safety Climate, Nurse Staffing, and Work-Related Nurse Injury." Oral presentation APHA Annual Meeting & Exposition, 2008.
64. "Utility of Patient Safety Case Finding Methods and Correlations among Organizational Safety Climate, Nurse Injuries, and Error." Taylor JA, Dominici F, Agnew JA, Morlock L, Miller MR. Oral Presentation, University of Stirling Departmental Research Seminar, Department of Nursing & Midwifery, Stirling, UK, August 2008.
65. "Association between Self-reported Stress Recognition and Work-Related Nurse Injury." Taylor JA. Paper Presentation, APA/NIOSH Work, Stress, and Health Conference, March, 2008.
66. "Investigating Rural Health Issues in New Hampshire Using BRFSS." Porter J, Taylor J, Chalsma A, Horne J, Ayars B, Turer E. Poster presentation, 20th Annual BRFSS Conference; St. Louis, MO, March 2003.
67. "Building a Case for Unique Identifiers: The Potential of Linked Data in Health Services Research" Taylor JA. Oral presentation at the National Association of Health Data Organizations Annual Meeting, Atlanta, GA, December 2002.
68. "Statistical Issues in Community Health Indicators" Taylor JA. Oral presentation at the American Public Health Association's Annual meeting, November, 2002
69. "Investigation of Adverse Effects in New Hampshire" Taylor, JA, Chalsma A, Kiely M. Oral presentation at the American Public Health Association's Annual meeting, October 2001.
70. "How To Establish An Injury Surveillance Program In Your State: three state describe their unique paths" Taylor JA, Roesler J, Frazier L, Kinde M. Oral presentation at the American Public Health Association's Annual meeting, November 2000.



Invited Lectures and Presentations

1. “Paving the way: The Fire Service Diversity, Equity, and Inclusion Roadmap (DEIR)” Presenter. A day of service to the IAFC/NFPA Metropolitan Fire Chiefs Association. Metro Chiefs Conference. May 17, 2022.
2. “EMERG-ing Data – Multi-City Surveillance of Violence Against EMS Responders” Presenter. National Occupational Injury Research Symposium. May 11, 2022.
3. “Data for Decision-Making: FOCUS on Safety Culture and Well-Being” Presenter. Fire Department Safety Officers Association (FDSOA) Health and Safety Conference. Scottsdale, AZ. January 13, 2022.
4. “Workplace Violence: An Honest Conversation” Presenter. J. Bollon Affiliate Leadership Training Summit (ALTS) and the Ernest A. “Buddy” Mass Human Relations Conference. Orlando, FL. January 11, 2022.
5. “Changing How We Perceive Paramedic Assault” Presenter. J. Bollon Affiliate Leadership Training Summit (ALTS) and the Ernest A. “Buddy” Mass Human Relations Conference. Orlando, FL. January 11, 2022.
6. Johns Hopkins Center for Injury Research and Policy – Occupational Injury Seminar. Presenter. Johns Hopkins Bloomberg School of Public Health. Virtual. December 13, 2021.
7. “Descriptive epidemiology of Fire service Organizational Culture of Safety (FOCUS) beta-test data: Differences by safety climate.” Co-author, presented at session “Mistreatment; Hazardous Environments; Safety” at Work, Stress, and Health 2021. November 4, 2021.
8. “RAPID Safety Climate Assessment in the US Fire Service: Observations from a longitudinal study during the pandemic.” Presenter at session “Work Organization and Safety in Hazardous Work Environments: 40 Years of Safety Climate Research and Practice” at Work, Stress, and Health 2021. November 3, 2021.
9. “Diversity + Equity = Inclusion: Perspectives from the Field” Presenter. Virginia Fire Equity & Diversity Conference. Chesapeake, VA. October 20, 2021.
10. “It’s a stressful job and the injuries aren’t just physical: Data on mental health and interventions to create change” Presenter. Montana Fire Service Conference. Missoula, MT. October 16, 2021.
11. “Using data to get what you need: Evidence from the Fire Service Organizational Culture of Safety (FOCUS) Assessment” Presenter. Montana Fire Service Conference. Missoula, MT. October 16, 2021.
12. “Diversity, Equity, and Inclusion (DEI) in the US Fire and Rescue Service” Presenter. National Fire Protection Agency Metropolitan Fire Chiefs Association (Metro) Conference. Virtual Conference. July 1, 2021.
13. “Improving Roadside Responder Crash Data Expert Panel: Day 2” Presenter. AAA Foundation for Traffic Safety. Virtual Conference. June 21, 2021.
14. “It was bad before the pandemic: the COVID-19 RAPID Mental Health Assessment of Fire-based EMS Responders.” Johns Hopkins Education & Research Center (ERC) 1st Monday Seminar. Monday, April 5, 2021
15. “Women as agents of Safety Change: Past, Present, and Future Research” Presenter. State of the Science: Research on Women in the Fire Service. Virtual Conference. November 18, 2020.
16. “Implementation Science Research and Community Engagement During COVID-19.” Panelist. Drexel University College of Nursing and Health Professions. August 20, 2020.
17. “The Cost of Firefighter Injuries: Reducing Fiscal and Physical Impact.” Presenter with Billy Goldfeder, Amanda Kimball, and Lori Moore-Merrell. Lexipol. May 12, 2020.
18. “Opportunities to Strengthen an Overwhelmed EMS Public Health Safety Net.” Moderator and Panelist. Drexel University Dornsife School of Public Health. April 23, 2020.



19. "Development of a System-Level Checklist to Address Violence Against Health's First Responders." Guest Lecture. Johns Hopkins Bloomberg School of Public Health. April 20, 2020.
20. "An Innovative Application of Checklists to Ensure Safety: Development of a Systems-level Intervention to Address Workplace Violence in Emergency Medical Services." Christiana Care Medical Center ACCEL Innovative Discoveries Seminar. Newark, DE. February 14, 2020.
21. "My Assault and What We're Doing About It." Fire Department Safety Officers Association Safety Conference. Scottsdale, AZ. January 14-18, 2020.
22. "SMART Fire Departments." National Fallen Firefighters Foundation's Innovation in Safety Symposium. Philadelphia, PA. September 24-26, 2020.
23. "The SAVER systems-level Checklist for EMS violence prevention." Plenary presentation with paramedics Ben Vernon and Kelly Adams. John P. Redmond Symposium/Dominick F. Barbera EMS Conference. August 19-22, 2019 in Nashville, TN.
24. "The FIRST Center: What's in Our Wallet." Information Session. John P. Redmond Symposium/Dominick F. Barbera EMS Conference. August 19-22, 2019 in Nashville, TN.
25. "The SAVER systems-level Checklist for EMS violence prevention." Presenter with paramedics Ben Vernon and Kelly Adams. The Washington Metropolitan Council of Government's Fire Chiefs Health and Safety biennial Safety Symposium. Alexandria, VA. March 26-27, 2019.
26. "A Different Public Health Preparedness: The Philadelphia Public Health Immersion Program". Presenter with Caroline Voyles. ASPPH Annual Meeting, Arlington, VA. March 22, 2019.
27. "FOCUS on Safety Climate - Your key to moving the needle towards a safer culture." Fire Department Safety Officers Association Safety Forum. Orlando, FL. January 21-24, 2019.
28. "The Relationship Between Employee Safety, Workplace Violence, and Patient Safety." Patient Safety Grand Rounds Speaker. Milton S. Hershey Medical Center. Hershey, PA. December 21, 2018.
29. "First Responders: an Occupational Case Study on Injury and the Climate of Safety." Guest Lecture: Introduction to EOH (PBHL 314 undergraduate; Prof. Brandt-Rauf). Guest Lecture. Department of Environmental and Occupational Health, Drexel University School of Public Health. November 27, 2018.
30. "Occupational Health Risks in First Responders". Guest Lecture: Introduction to EOH (EOH 510 graduate; Dr. DeRoos). Department of Environmental and Occupational Health, Drexel University School of Public Health. October 4, 2018.
31. "Research to Practice: Taking Fire Service Safety Culture Science to the Streets." Johns Hopkins Bloomberg School of Public Health Occupational Injury Seminar. November 19, 2018
32. "Violence to EMS Responders." Subject Matter Expert. 2018 INGroup Conference Hackmanathon - Bethesda, MD. July 18-20, 2018.
33. "Empowering Your Department's Safety Culture". Keynote Speaker. Maryland State Fireman's Association Annual Meeting. Ocean City, Maryland. June 19, 2018.
34. "Safety Climate in the US Fire Service." Guest Lecture (via zoom video): Occupational Health Psychology (Dr. Yueng-hsiang Huang). National Chengchi University, Taiwan. June 12, 2018.
35. "Empower Your Safety Culture". Keynote Speaker. Delmarva Safety Conference. Ocean City, Maryland. April 9-10, 2018.
36. "Safety Culture and Leadership for Hospital-based Nurses". Keynote Speaker. Johns Hopkins University Education and Research Center for Occupational Safety and Health. Lancaster General Hospital April 3-4, 2018 (5.0 contact hours of CNE approved by the DC Board of Nursing).
37. "The Fire Service Organizational Culture of Safety (FOCUS) survey". Fire Department Safety Officers Association Safety Forum. Scottsdale, AZ. January 15-19, 2018.



38. "Gender as a Safety Climate Disruptor in First Responders". Conference on the Impact of Environment of Women's Health. Amity University, Lucknow, India. Nov 29-Dec 1, 2017.
39. "Safety Climate: The Missing Link in Occupational Injury Prevention". Johns Hopkins Bloomberg School of Public Health Occupational Injury Seminar. November, 2017.
40. "Paramedic Assault". Taylor JA and Murray RM. 2017 John P Redmond Symposium/Dominick F Barbera EMS Conference. Vancouver, Canada. August 2017.
41. "The Firefighter Injury Research and Safety Trends program - What's In Our Wallet". Presenter. Executive Fire Officer Program Graduate Symposium, National Emergency Training Center, US Fire Academy, Emmitsburg, Md. April 2017.
42. "Policy Challenges for First Responders: The Fallacy of Felonious Assault." Johns Hopkins Bloomberg School of Public Health Occupational Injury Seminar. November, 2015.
43. "Funding for fire-related research projects." Panelist. National Fallen Firefighters Foundation 2015 Research Agenda Symposium. Arlington, VA. November, 2015.
44. "Fire and Emergency Services Data: Collection, Analysis and Results Delivery." Panelist. National Fire Protection Association Responder Forum, Indianapolis, IN. October, 2015.
45. "The Fire Service Organizational Culture of Safety (FOCUS) Survey" Presenter. Fire Department Safety Officers Association Annual Safety Forum. Ft. Lauderdale, FL, September, 2015.
46. FEMA Research & Development Meeting, National Harbor, MD, August 2015
47. "Stress and Assaults to First Responders: Near Misses and Injuries." International Association of Fire Fighters John P. Redmond Symposium/Dominick F. Barbera EMS Conference. National Harbor, MD, August 2015.
48. "Linking Safety Culture & Performance." Moderator. National Occupational Injury Research Symposium. Morgantown, VA. May 2015.
49. "Safety Climate and Culture: A brief tutorial and review of the current state of the research, with an emphasis on the inter-relationships with Safety Management Systems." Discussant. National Occupational Injury Research Symposium. Morgantown, VA. May 2015.
50. "Data Linkage, Text Mining, and Policy Needs: Firefighter Non-fatal Injury Surveillance as Exemplar." International Collaborative Effort on Injury Statistics and Methods. Washington, DC. October 22-24, 2014.
51. "Results from the US Effort to Collect Industry and Occupation Codes in Healthcare Data." International Collaborative Effort on Injury Statistics and Methods. Washington, DC. October 22-24, 2014.
52. "Using Mixed Methods to Understand Injuries: The Case of Assaults to Philadelphia Paramedics". Guest Lecture. Department of Physical Therapy and Rehabilitation Sciences, Drexel University School of Nursing and Health Professions. October 8, 2014.
53. "Safety Culture in the Fire Service." Presenter. National Fallen Firefighter Foundation: Safety/Training Officers' National Summit. National Constitution Center Philadelphia, Pennsylvania. May 13-15, 2014.
54. "Today and Tomorrow's Fire Data: Collecting, analyzing, and using fire experience data to reduce the nation's fire problem." Presenter. National Fire Protection Association/National Institute of Standards and Technology, Gaithersburg, MD. March 2014.
55. "Tampa 2: 10th Anniversary of the Firefighter Life Safety Initiatives: Building for the Future." Participant. National Fallen Firefighters Foundation. Tampa, FL, March 2014.
56. "Pathways to Health Disparities Careers Seminar." Panelist. Opening Doors Health Disparities Training Program, Drexel University School of Public Health, February 2014.



57. "Creating a culture of engagement." Presenter. Drexel Center for Academic Excellence - Classroom Management Workshop Philadelphia, PA. February 2014.
58. "Balancing Teaching, Research, and Service." Drexel University New Faculty Orientation. Panelist. August 2013.
59. "The Need for Occupation and Industry Standards in Hospital Administrative Data." Presentation to the National Uniform Billing Committee. Chicago, IL, July 2013.
60. "Counting work-related injuries and illnesses: Taking Steps to Close the Gap." Council of State and Territorial Epidemiologists (CSTE) Occupational Health Surveillance Subcommittee. Resolution Sponsor. Washington D.C., April 2013
61. "Reflections on the Life of a Junior Faculty Member: advice for your path". Guest Lecture in Transitioning into a Faculty Career (UNIV 602). University of Delaware, Center for Teaching & Assessment of Learning (CTAL), July 2012.
62. "Safety Climate and Injury." Environmental and Occupational Health (PBHL 640) guest lecture. Drexel University School of Public Health, March 2012
63. "Injury Surveillance." Environmental and Occupational Health (PBHL 640) guest lecture. Drexel University School of Public Health, February 2012
64. "Patient Safety Case-finding." Health Policy Colloquium (Law 782) guest lecture, Drexel University Earle Mack School of Law, February 2012
65. "Injury as a Global Health problem." Global Health (PBHL 483 undergraduate) guest lecture. Drexel University School of Public Health, November 2011
66. "Changing Safety Culture Through Research." Columbia Southern University Safety and Survival Symposium, September, 2011
67. "Occupational Information and Health Billing Records." Testimony at the IOM: Workshop on Occupational Information and Electronic Health Records. Washington, D.C., June 2, 2011
68. The Ohio State University Injury Biomechanics Symposium. Keynote speaker May 17, 2010 in Columbus Ohio.
69. "Injury as a Global Health problem." Global Health (PBHL 483 undergraduate) guest lecture, May 2010
70. "Injury Epidemiology" Guest lecture for Drexel University's undergraduate public health course, May 2010.
71. "A Second Look at Maintaining Faculty Vitality" Panelist, Drexel Center for Academic Excellence -Faculty Workshop on Monday, April 2010.
72. "60-second Science" Panelist, at Injury Science Day at The Center for Public Health Initiatives, University of Pennsylvania March 3, 2010.
73. "Patient Safety: the Role of the Resident." Speaker. Drexel University College of Medicine Intersession 2: Transition to Residency, January 2010.
74. "Careers in Public Health: Occupational Health & Safety, Environment, Genomics & Injury Control & Emergency Health Services", Panelist - Student Assembly Program, APHA Annual Meeting & Exposition, 2009 Philadelphia, PA.
75. "Fire safety: risk factors in the built environment and policy solutions." Drexel University School of Public Health. National Public Health Week, April 2011
76. "Injury Epidemiology" Guest lecture on for Drexel's undergraduate public health class, May 2009.
77. "Nurse Injury and Safety Culture" at the University of Virginia School of Nursing sponsored by the Center for Worker's Health, April 2009
78. "The National Fire Fighter Near-Miss Reporting System". International Association of Fire Chiefs Advisory Board session. Fire Rescue International meeting, San Diego, CA, 2008.



79. “Establishing an Evidence-based Emergency Department Patient Safety Research Program.” Drexel University School of Medicine, May 2006.
80. “Data Assessment for Adolescent Health” at the New Hampshire Adolescent Health Summit, June 2002.
81. “The state of New Hampshire’s Cancer Registry” at the Cancer Registrars Association of New England meeting, November 2001.
82. “A New Data Release Policy” at the New Hampshire Turning Point Executive Committee and Data Subcommittee, August, 2001.
83. “The New Hampshire State Cancer Registry” at the New Hampshire Commission to Study the Relationship between Public Health and the Environment, August, 2001.
84. “How Data Supports Program Development” at the New Hampshire Minority Health Data Symposium, December, 2000.
85. “Using Data for Grant Writing and Advocacy” at the Massachusetts Violence Prevention Task Force, May 1999
86. “Health Statistics Jeopardy” at the Massachusetts Ounce of Prevention Conference, November 1999



Trainees

Master's Degree

1. Victoria Gallogly, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2022). Thesis: "The Story of Violence: Tracking Incidence of Workplace Violence Against First Responders Through the Media." (Advisor)
2. Liam Romond, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2022). Thesis: "De-escalation as a First Line of Self-defense: A Review of the Existing Literature." (Advisor)
3. Zuhaib Haleem, Master of Public Health in Health Policy & Management, Drexel University School of Public Health (2021). Thesis: "An Inventory of State Workers' Compensation Laws for Firefighter Mental Health." (Preceptor)
4. Gabrielle Mullin, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2021). Thesis: "COVID-19 Pandemic: The Mental Health Impact on Fire-Based EMS First-Responders Across the United States." (Preceptor)
5. Kelly McLaughlin, Master of Science in Epidemiology, Drexel University School of Public Health (2020). Thesis: "Safety Climate and Injury Outcomes in US Fire Departments." (Preceptor)
6. Katherine Castro, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2020). Thesis: "Determining the rate and type of EMS call by census tract in Philadelphia." (Preceptor)
7. Danielle Catrillo, Master of Public Health in Community Health & Prevention, Drexel University School of Public Health (2020). Thesis: "Views on Sexual Orientation and Gender Identity (SOGI) Data Collection in the Fire Service." (Preceptor)
8. Sarah Haines, Master of Public Health in Environmental & Occupational Health (2019). Thesis: "Assessment of Air Quality Resulting from Urban Green Space and Its Impact on Pediatric Respiratory Health in Baltimore, Maryland compared to Memphis, Tennessee." (Advisor)
9. Killian Rohn, Master of Science in Epidemiology, Drexel University School of Public Health (2019). Thesis: "The Role of Gender as an Effect Modifier in Fire Service Safety Climate." (Preceptor)
10. Carol Collins, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2018). Thesis: "Work Experience and Injury Risk Factors in the Philadelphia Fire Department". (Preceptor)
11. Shachi Mistry, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2018). Thesis: "Examining the Relationship of Organizational Outcomes with Safety Climate and Injury in Fire Service ". (Preceptor)
12. Regan Murray, Master of Public Health in Community Health & Prevention, Drexel University School of Public Health (2017). Thesis: "A Mixed Methods Study of Stress, Mental Health, and the Work Environment in EMS responders in the United States" (Preceptor)
13. Anup Abraham, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2017). Thesis: "Exploring whether Years of Experience is a Significant Predictive Factor for Injuries for Firefighters working with the Florida State Fire Service." (Preceptor)
14. Leon Villavincenzio, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2017). Thesis: "Motor Vehicle Crashes Among the Philadelphia Fire Service." (Preceptor)
15. Genevieve Adair, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2017). Thesis: "Answering the Call: A Descriptive Analysis of Philadelphia's Medical Dispatch Calls." (Preceptor)



16. TJ Risoli, Master of Science in Biostatistics, Drexel University School of Public Health (2017). “Bayesian Analysis on Rates of Injuries in Florida Firefighters from 2005-2012.” (Preceptor, Analysis Project)
17. Donnell Smiley, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2016). Thesis: “RWJUH EMS Mobile Integrated Healthcare (MIH)- EMS Preliminary Training Curriculum and Instruction for Post-Operative Home Care of the Elderly Cardiac Patient.” (Advisor)
18. Zachary Daniels, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2016). Thesis: Telemedicine Literature Review: A look into the Viability and Applications of Peripheral Medical Devices for the Healthcare System.” (Advisor)
19. Lauren Shepler, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2015). Thesis: “Elicitation of Fracking Workers Health and Safety concerns.” (Advisor)
20. Jasmine Wright, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2015). Thesis: “Assaults to Philadelphia Fire Department Paramedics and EMTs: The Legal Aspect.” (Advisor)
21. Madison Davidson, Master of Public Health in Epidemiology & Biostatistics, Drexel University School of Public Health (2015). Thesis: “Surveillance of Non-fatal Firefighter Injuries in Florida Using Linked Datasets.” (Preceptor)
22. Marie Plaisime, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2014). Thesis: "The Elicitation of Healthcare Providers' Experiences with African Male Patients in Urban Hospital Environments". ~*received the Exemplary Master's Thesis Award.*
23. Yasin Kahn, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2014). Thesis: “Fighting Fire: Assessing Gender as a Safety Indicator within the Fire Service.”
24. Andrew Jiang, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2012). Thesis: Assessment of Communication between Medical Students and Physicians. (Advisor)
25. Kevin Houck, Master of Science in Epidemiology & Biostatistics, Drexel University School of Public Health (2012). Thesis: A Factor Analysis of Contributing Factors in Fire Fighter Near Miss Events. (Preceptor)
26. Nettie, Johnson-Yengbeh, Master of Public Health (Executive Program), Drexel University School of Public Health (2011). Thesis: Residential Fire Safety: A Case Study on Fire Safety Issues of the Liberian Immigrant Community in Southwest Philadelphia, PA (Advisor)
27. Alicia Lacovara, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2011). Thesis: Impact of a Hand Washing Initiative in a Pediatric Emergency Department. (Advisor)
28. Anna Shaffeld, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2011). Thesis: Assessment of Student Perceptions for Public Health Topics Related to the Food Production System. (Advisor)
29. Wesley Tang, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2011). Thesis: Health, Trust, Mistrust, and Communication in the Neonatal Intensive Care Unit. (Advisor)
30. Cassandra Kercher, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2010). Thesis: Assessing Nursing Home Organizational



Culture as a Factor in Nursing Injuries and Patient Safety Events. (Advisor) ~ *received the Excellence in Communication Award and Delta Omega.*

31. Brydon Manning, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2010). Thesis: Fire Fighter Injury: Analysis of the National Firefighter Near-Miss Reporting System Data. (Advisor)
32. John Donovan, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2009). Thesis: Assessing Safety Climate in the Intensive Care Unit and Emergency Department of Hahnemann University Hospital. (Advisor) ~ *received the Excellence in Communication Award.*
33. Nadirah El-Amin, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2009). Thesis: Implications of a Comparable Disease. (Advisor)
34. Katherine O'Connor, BSN, Master of Public Health (Executive Program), Drexel University School of Public Health (2009). Thesis: Exposures During War: Environmental Exposures for Military Personnel During Wartime. (Advisor)
35. Doris Lauren Ranivand, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2009). Thesis: Human Asthma: Feline Asthma. (Advisor) *2nd place for best CBMP master's thesis*
36. John Madsen, Master of Science in Epidemiology & Biostatistics, Drexel University School of Public Health (2009). Thesis: Pennsylvania Hospital Discharge Data as a Source for Patient Safety Research. (Preceptor)
37. Andrew Buchholz, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2008). Thesis: An Evaluation of the Combined Effects of Environmental Particulate Exposures and Dietary Deficiencies on Pediatric Asthma Severity in Inner City Philadelphia. (Advisor)
38. Alison-Grace Steitz Bui, Master of Public Health in Environmental & Occupational Health, Drexel University School of Public Health (2008). Thesis: Determining At-Risk Populations for Water-Related illness in East Africa. (Advisor)

Doctoral Degree

1. Madison Raposa, MS, Doctor of Philosophy in Environmental and Occupational Health, Drexel University School of Public Health (expected 2025). Dissertation: "Results from the RAPID Mental Health Study of US Firefighters" (Advisor)
2. Ashley Geczik, MPH, Doctor of Philosophy in Environmental and Occupational Health, Drexel University School of Public Health. Dissertation: "The Relationship between Fire Service Safety Climate and Disease Exposure." (Advisor)
Stacy Ann Stoffregen, Doctor of Philosophy in Psychological Sciences, Kansas State University (2022). "A thin line between invincibility and vulnerability: The interplay among engagement, exhaustion, and resilience." (Committee Member)
3. Travis Pollen, MS, Doctor of Philosophy, Drexel University School of Nursing and Health Professions, Department of Rehabilitation Sciences (2020). "A Multifactorial Model of Risk Factors for Non-Contact Musculoskeletal Injury in Collegiate Swimmers: A Prospective Study." (Committee Member)
4. Conglong Wang, Doctor of Philosophy in Epidemiology & Biostatistics, Drexel University School of Public Health (2017). "The relationship between stress and coronary heart disease in women: are there gender-specific stress-coping risk factors?" (Committee Member)
5. Lilliam Ambroggio, Doctor of Philosophy in Epidemiology & Biostatistics, Drexel University School of Public Health (2011). Dissertation: "Empiric Antibiotic Prescribing and Outcomes in



Children Hospitalized with Community Acquired Pneumonia.” ~ *received the Outstanding Doctoral Dissertation Award in the Physical and Life Sciences.* (Committee Member)

6. Andrea Russo, Doctor of Philosophy in Epidemiology & Biostatistics, Drexel University School of Public Health. Dissertation: “Associations Between Mobility and Objective Measures of Neighborhood Characteristics from Administrative Datasets and Self-Reported Neighborhood Social Capital.” (Committee Member)
7. Anita Fennessey, Doctor of Nursing Practice. Drexel University School of Nursing and Health Professions. Dissertation: “Exploring Factors That Affect the Nurse’s Utilization of Physical Assessment Skills.” (Committee Member)
8. Ginger Stringer, Doctor of Philosophy in Epidemiology & Biostatistics, Drexel University School of Public Health. Dissertation: “Effects of Sport-Related Concussion on Academic Performance in High School Athletes.” (Committee Member)

Fellows

NIMHD T37: Global Alliance for Training in Health Equity Research (GATHER)

Post-doctoral Fellow

- Casper Volyes, MPH, PhD Community Health and Prevention, Drexel University School of Public Health, 2022-2023

Occupational Health Psychology Post-doctoral Fellow

- Wilfred Agbenyikey, Sc.D. Work Environment, University of Massachusetts at Lowell, 2014-2015

Injury and Public Health Research Fellow

- Erica Harris, MD, MPH Drexel University College of Medicine, 2014-2015

Fire service Injury Research, Epidemiology and Evaluation fellowship (FIRE Fellows)

In 2016, I developed and funded the FIRE Fellowship program through external grants. FIRE Fellows analyze data for fire departments and learn about the fire service through field immersion. Fellows were competitively selected to create an interdisciplinary cohort of graduate students from the Dornsife School of Public Health. Fellows represent different degree programs, departments, and stages of public health experience (including alumni*).

2022 Class

1. Yazid Barhoush, MPH(c) 2023, Department of Epidemiology & Biostatistics
2. Eboni Pelzer, MPH(c) 2022, Department of Epidemiology & Biostatistics
3. Inaya Wahid, MPH(c) 2023, Department of Epidemiology & Biostatistics

2021 Class

4. Mobolawa Adio, BS(c) 2024, Dornsife School of Public Health
5. Victoria Gallogly, MPH(c) 2021, Department of Environmental & Occupational Health
6. Zuhaib Haleem, EMT, MPH* 2021, Department of Health Management & Policy
7. Madison Raposa, PhD(c) 2025, Department of Environmental & Occupational Health
8. Alexandria Reguinga, MPH* 2021, Department of Environmental and Occupational Health
9. Vanessa Tkacikova, EMT, BS(c) 2023, College of Nursing & Health Professions

2020 Class

10. Katie Castro, MPH* 2020 Department of Epidemiology and Biostatistics



11. Rozhan Ghanbari, MPH(c) 2021, Department of Epidemiology and Biostatistics
12. Zuhaib Haleem, MPH(c) 2021, Department of Health Management and Policy
13. Gabrielle Mullin, MPH(c) 2021, Department of Epidemiology and Biostatistics
14. Oreoluwa Oladimeji, MPH(c) 2021, Department of Community Health and Prevention
15. Nathaniel Philip, MPH(c) 2021, Department of Environmental and Occupational Health
16. Alexandria Reguinga, MPH(c) 2021, Department of Environmental and Occupational Health
17. Alexandra Trautman, MPH* 2020, Department of Community Health and Prevention

2019 Class

18. Adamas Ako, MPH(c) 2020, Department of Epidemiology and Biostatistics
19. Breaua Branch, MPH(c) 2020, Department of Epidemiology and Biostatistics
20. Katie Castro, MPH(c) 2020, Department of Epidemiology and Biostatistics
21. Danielle Catrillo, MPH(c) 2020, Department of Community Health and Prevention
22. Kelly McLaughlin, MSc(c) 2020, Department of Epidemiology and Biostatistics
23. Neva Novinger, MPH* 2019, Department of Epidemiology and Biostatistics
24. Kendall Seigworth, MPH* 2019, Department of Community Health and Prevention
25. Alexandra Trautman, MPH(c) 2020, Department of Community Health and Prevention

2018 Class

26. Cecelia Harrison, MPH* 2018, Department of Epidemiology and Biostatistics
27. Neva Novinger, MPH(c) 2019, Department of Epidemiology and Biostatistics
28. Leah Popek, MPH(c) 2019, Department of Environmental and Occupational Health
29. Killian Rohn, MSc(c) 2019, Department of Epidemiology and Biostatistics
30. Kendall Seigworth, MPH(c) 2019, Department of Community Health and Prevention

2017 Class

31. Genevieve Adair, MPH* 2017, Environmental and Occupational Health
32. Carol Collins, MPH(c) 2018, Department of Epidemiology and Biostatistics
33. Briana Gibson, MPH(c) 2018, Department of Epidemiology and Biostatistics
34. Cecelia Harrison, MPH(c) 2018, Department of Epidemiology and Biostatistics
35. Shachi Mistry, MPH(c) 2018, Department of Epidemiology and Biostatistics
36. Regan Murray, MPH* 2017 Department of Community Health and Prevention

2016 Inaugural Class

37. Anup Abraham, MPH(c) 2017, Department of Epidemiology and Biostatistics
38. Genevieve Adair, MPH(c) 2017, Department of Environmental and Occupational Health
39. Regan Murray, MPH(c) 2017, Department of Community Health and Prevention
40. Arjita Rai, MPH* 2016, Department of Environmental and Occupational Health
41. T.J. Risoli, MSc(c) 2017, Department of Epidemiology and Biostatistics
42. Lauren Shepler, MPH* 2015, Department of Environmental and Occupational Health
43. Leon Villavicencio, MPH(c) 2017, Department of Epidemiology and Biostatistics



CANOPI Mentees: Creating a Narrative of Professional Involvement

Portfolios are evidence-based documents that allow faculty members go beyond their vita and highlight the most important aspects of their professional accomplishments containing both formative and summative aspects. Academic portfolios highlight key components of teaching, research, scholarship and service in a cohesive manner while providing for reflection on past accomplishments with an eye towards future professional goals.

2022 *Spring*

1. Nick Jushchyshyn, MFA, Program Director, Virtual Reality & Immersive Media, Westphal College of Media Arts & Design
2. Nicole Iannarone, JD, Assistant Professor of Law, Thomas R. Kline School of Law
3. Ohyun Kwon, PhD, Assistant Professor of Economics, LeBow College of Business

2021 *Fall*

4. Andrew Magenau, PhD, Assistant Professor, Materials Science and Engineering, College of Engineering
5. Valerie Ifill, MFA, Assistant Professor, Dance; Director, Community Based Learning, Westphal College of Media Arts & Design

2021 *Spring*

6. Michelle Dolinski, PhD, Associate Dean of Graduate Education and Associate Professor, Department of Physics, College of Arts and Sciences
7. Simi Hogue, PhD, Associate Professor of Architectural Engineering Program Head, Department of Civil, Architectural and Environmental Engineering, College of Engineering
8. Emil Polyak, MS, Assistant Professor, Department of Digital Media, Westphal College of Media Arts & Design

2020 *Fall*

9. Elizabeth Kimball, PhD, Assistant Professor, Department of English and Philosophy, College of Arts and Sciences
10. Jennifer Adams, EdD, Associate Professor, Drexel University School of Education, Program Director, Global and International Education, Co-Director, Drexel China Collaborative, School of Education

2019 *Spring*

11. Alexander Poole, PhD, Assistant Professor, Department of Information Science, College of Computing and Informatics

2018 *Winter*

12. Brea M. Heidelberg, PhD, Assistant Professor & Associate Program Director, Department of Entertainment & Arts Management, College of Arts and Sciences
13. Hyunmin Lee, PhD, Assistant Professor, Department of Communication, College of Arts and Sciences
14. Mary Kate Gonder, PhD, Associate Professor, Department of Biology, College of Arts and Sciences

2016 *Spring*

15. Nicole Koltick, PhD, Assistant Professor, Department of Architecture & Interiors Professor, Antoinette Westphal College of Media Arts & Design
16. Michelle Dolinski, PhD, Assistant Professor, Department of Physics, College of Arts and Sciences

2015 *Winter*

17. Chris R. Sims, Ph.D., Assistant Professor, Applied Cognitive & Brain Sciences, Department of Psychology, College of Arts and Sciences



18. Ryan K. Brannon, MD, Hahnemann OB/Gyn Clerkship Site Director, Assistant Professor Obstetrics & Gynecology, Drexel University College of Medicine

2015 Spring

19. Goran Karapetrov, PhD, Associate Professor, Department of Physics, College of Arts and Sciences
20. James T. Reese Jr., Ed.D., Associate Professor, Sport Management Program, Center for Hospitality and Sport Management

2015 Fall

21. Yanliu Huang, PhD, Assistant Professor, Marketing Department, LeBow College of Business
22. Brandy-Joe Milliron, PhD, Assistant Professor, Department of Nutrition Sciences, College of Nursing and Health Professions

2014 Spring

23. Asta Zelenkauskaitė, PhD, Assistant Professor, Department of Culture and Communication, College of Arts and Sciences

2014 Summer

24. Bitā Alizadehtazi, A.S., B.Sc., M.Sc., PhD Candidate, Department of Civil, Architectural and Environmental Engineering
25. Daryl Omire-Mayor, PhD Candidate, Biomedical Science

2014 Fall

26. Ryan Brannon, MD, Assistant Professor, Department of Psychology, College of Arts and Sciences
27. Christopher Simms, PhD, Assistant Professor, Department of Obstetrics and Gynecology, College of Medicine

2013 Winter

28. Julie Hawkins, MFA, Assistant Professor, Arts Administration Program Director, Westphal College Arts & Entertainment Enterprise, Antoinette Westphal College of Media Arts & Design
29. Ellen Giarelli, EdD, RN, MS, CRNP, Associate Professor, Doctoral Nursing Program and Interdisciplinary Research Unit, College of Nursing and Health Professions
30. Jervis Thompson, BS, Associate Teaching Professor, Department of Digital Media, Westphal College of Media Arts & Design
31. Orlando Pelliccia, MFA, Associate Teaching Professor, Department of Art & Art History, Antoinette Westphal College of Media Arts & Design

2013 Spring

32. Min Wang, PhD, Assistant Professor, Department of Decision Sciences, LeBow College of Business
33. Michael Waring, PhD, Assistant Professor, Department of Civil, Architectural and Environmental Engineering, College of Engineering
34. James Reese, EdD, Associate Professor, Department of Sport Management Goodwin School of Professional Studies
35. Sabrina Spatari, Ph.D., P.Eng, Assistant Professor, Department of Civil, Architectural, and Environmental Engineering, College of Engineering

2013 Summer

36. Quinn Cunningham, Doctoral Candidate, Department of Management, LeBow College of Business
37. Irina Stoyneva, Doctoral Candidate, Department of Management, LeBow College of Business



2010 Spring - Teaching Portfolio

38. Rebecca Hoffman, PhD, Assistant Teaching Professor, Department of Biology, College of Arts and Sciences
39. Frederick Loomis, PhD, Clinical Assistant Professor, Director, MS in Higher Education, Goodwin College of Professional Studies
40. Linda Forristal, PhD, CCP, Assistant Teaching Professor, Department of Hospitality Management, Culinary Arts and Food Science, Goodwin College of Professional Studies
41. Michelle Sahl, PhD, MEd, MBA, MBE, Assistant Teaching Professor, Department of Health Administration, College of Nursing and Health Professions
42. Jeehyun Lee, PhD, Assistant Professor, Department of Hospitality Management, Culinary Arts and Food Science, Goodwin College of Professional Studies

Dissemination and Impact of Research Through Practice and Media

Impact is an expected outcome of research activity, but assessment metrics are underdeveloped. The following categories express the impact of my current research activities with communities through practice activities and media dissemination.

Practice

National Conference Planning

Developed and Convened the invitation-only “Systems Checklist Consensus Conference (SC3) on Stress and Violence to fire-based EMS Responders (SAVER).” July 15-17, 2018. Drexel University. Philadelphia, PA.

FOCUS Culture Camps

Culture Camps are educational classes I developed to train fire departments and unions. Through an introductory course followed by an advanced course, Culture Camps convey competencies in understanding the utility of the FOCUS safety climate survey; how to gather FOCUS data in departments; and how to analyze, interpret, and use the data through in-class teach backs. The advanced course focuses on intervention design, implementation, and evaluation to create and maintain positive safety climate. All training sessions are instructed by a member of the fire service, FIRST Center staff, and organizational scientists who have deep knowledge of safety culture interventions and how to implement them in the fire service. A new grant in 2021 will develop a virtual online Culture Camp program.

January 17-18, 2020 – FDSOA Safety Forum, Scottsdale, AZ

January 13-14, 2020 – FDSOA Safety Forum, Scottsdale, AZ

December 2-3, 2019 – Orange County Fire Authority, Orange County, CA

September 19-20, 2020 – Chicago, IL

August 1-2, 2019 – Drexel University, Philadelphia, PA

July 11-12, 2019 – Traverse City, MI

March 7-8, 2019 – Dallas, TX

January 21-22, 2019 – FDSOA Safety Forum, Orlando, FL

December 6-7, 2019 – Drexel University, Philadelphia, PA

July 12, 2019 – Grand Traverse Metro Fire Department, Traverse City, MI

June 4, 2019 – Dallas Fire Department, Dallas, TX

June 1, 2018 – San Diego Fire Department, San Diego, CA

May 21, 2018 – Drexel University, Philadelphia, PA

January 19, 2018 – FDSOA Safety Forum, Scottsdale, AZ

October 27, 2017 – Drexel University, Philadelphia, PA



Media

Features in National Public Health Publications

1. APPH. Drexel: BS/MPH Accelerated Student Reflects on Her Experience as a Research Assistant at Dornsife's Firefighter Injury Research and Safety Trends (FIRST) Center. January 14, 2021. <https://drexel.edu/dornsife/students/student-stories/Applying-Occupational-Health-and-Health-Communications-Principles-Outside-the-Classroom/>.
2. ASPPH. Drexel: Leader in Occupational Health Research Named Inaugural Frank Professor. November 21, 2019. <https://www.aspph.org/drexel-leader-in-occupational-health-research-named-inaugural-frank-professor/>
3. ASPPH. Drexel: Safety Scale Research Helps Fire Departments Achieve Health and Wellness Goals. May 23, 2019. <https://www.aspph.org/drexel-safety-scale-research-helps-fire-departments-achieve-health-and-wellness-goals/ASPPH>.
4. *Drexel FIRST Center Receives Major Grant to Advance Fire Service Safety Culture*. September 27, 2018. <https://www.aspph.org/drexel-first-center-receives-major-grant-to-advance-fire-service-safety-culture/>
5. ASPPH. *Drexel Research Team Working to Prevent Violence Against Ambulance Workers*. July 12, 2018. <https://www.aspph.org/drexel-research-team-working-to-prevent-violence-against-ambulance-workers/>
6. The Nation's Health. *Drexel students use data to improve fire, emergency services*. October 2017. <http://thenationshealth.aphapublications.org/content/47/8/22.2>
7. ASPPH. *Drexel Awarded \$1.5 Million from AFG, FEMA, and DHS for SAVER Program*. September 13, 2017. <https://www.aspph.org/drexel-awarded-1-5-million-from-afg-fema-and-dhs-for-saver-program/>
8. ASPPH. *Better Injury Data Management Can Save Fire Departments Hundreds of Thousands of Dollars and Help Keep Firefighters Safe, Drexel Study Finds*. March 9, 2017.
9. ASPPH. *Drexel: Doctors' Biases Mean Black Men Don't Get the Same Treatment in Health Care*. February 23, 2017. <https://www.aspph.org/drexel-doctors-biases-mean-black-men-dont-get-the-same-treatment-in-health-care/>
10. ASPPH. *Drexel and Fire Association Receive \$1.5 FEMA Grant to Assess Fire Service Culture*. September 14, 2016. <https://www.aspph.org/drexel-and-fire-association-receive-1-5-fema-grant-to-assess-fire-service-culture/>
11. ASPPH. *Drexel: Peers, Public Perception Influence Firefighters against Safety Equipment*. September 1, 2016. <https://www.aspph.org/drexel-peers-public-perception-influence-firefighters-against-safety-equipment/>
12. ASPPH. *Drexel Occupational Safety Research Finds Substantial Impact on Paramedics Violently Injured by Patients in the Line of Duty*. January 21, 2016. <https://www.aspph.org/drexel-occupational-safety-research-finds-substantial-impact-on-paramedics-violently-injured-by-patients-in-the-line-of-duty/>
13. ASPPH. *Firefighters Honor Drexel Occupational Health Researcher for Safety and Prevention Research*. October 8, 2014. <https://www.aspph.org/firefighters-honor-drexel-occupational-health-researcher-for-safety-and-prevention-research/>
14. ASPPH. *Drexel Professor Invited to Serve on the Editorial Board of Injury Epidemiology*. November 15, 2013. <https://www.aspph.org/drexel-professor-invited-to-serve-on-the-editorial-board-of-injury-epidemiology/>
15. ASPPH. *Drexel Professor Presents New Way for Researchers to Analyze Near-Miss Narratives*. November 1, 2013. <https://www.aspph.org/drexel-professor-presents-new-way-for-researchers-to-analyze-near-miss-narratives/>



16. ASPPH. *Drexel Studies Stress Recognition in the SAQ*. September 27, 2013. <https://www.aspph.org/drexel-studies-stress-recognition-in-the-saq/>

Research Dissemination Through National Media

1. Lansing State Journal. Diversity in fire departments is important. So why do so few match their community? May 5, 2022. <https://www.lansingstatejournal.com/story/news/2022/05/05/racism-discrimination-diversity-black-firefighter-fire-job-minority-race/9585449002/>.
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