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| Curriculum Vitae | | | | |
| Last Updated: 03/04/2021 | | | | |
| **PERSONAL DATA** | | | | |
| Name: Matthew S. Thiese, Ph.D., M.S.P.H. | | | | |
| Citizenship: United States | | | | |
|  |  |  |  |  |
| **EDUCATION** | | | | |
| **Years** | | **Degree** | | **Institution (Area of Study)** |
| 2004 - 2008 | | Ph.D. | | University of Utah (Public Health - Occupational Injury Prevention Epidemiology Emphasis) |
|  |  |  |  | Salt Lake City, UT |
| 2001 - 2003 | | M.S.P.H. | | University of Utah (Epidemiology, Biostatistics, Advanced Epidemiology, Health) |
|  |  |  |  | Salt Lake City, UT |
| 1996 - 2001 | | B.S. | | University of Utah (Major in Exercise and Sport Science, Minor in Chemistry) |
|  |  |  |  | Salt Lake City, UT |
|  |  |  |  |  |
| **CURRENT LICENSES/CERTIFICATIONS** | | | | |
| 2013 | | Research Administration Training Series Clinical Research: Certification | | |
| 2013 | | Research Administration Training Series Responsible Conduct of Research (RCR): Certification | | |
|  | |  | | |
| 2012 | | Research Administration Training Series Post-Award Certificate: Certification | | |
| 2011 | | Research Administration Training Series IRB Human Subject Research Training: Certification | | |
| 2002 - Present | | Institutional Review Board (IRB) Training: CITI - Course in The Protection of Human Research Subjects | | |
| 2002 - Present | | University of Utah Health Sciences Center (UUHSC) Health Insurance Privacy and Accountability Act (HIPAA) Privacy and Security Training: Certification | | |
|  |  |  |  |  |
| **UNIVERSITY OF UTAH ACADEMIC HISTORY** | | | | |
| **Family & Preventive Medicine (Occupational and Environmental Health), 07/01/2008 - Present** | | | | |
| 07/01/2017 - 06/30/2017 | | | Associate Professor | |
| 07/01/2017 | | | Associate Professor | |
| 07/01/2016 - 06/30/2017 | | | Assistant Professor | |
| 07/01/2014 - 06/30/2016 | | | Assistant Professor | |
| 01/04/2011 - 06/30/2014 | | | Assistant Professor | |
| 07/01/2008 - 01/03/2011 | | | Visiting Instructor | |
|  |  |  |  |  |
| **PROFESSIONAL EXPERIENCE** | | | | |
| **Full-Time Positions** | | | |  |
| 2008 - 2011 | | Visiting Instructor, University of Utah, Salt Lake City, Utah | | |
| 2005 - 2008 | | Research Associate, University of Utah, Salt Lake City, Utah | | |
| 2003 - 2005 | | Study Coordinator, University of Utah, Salt Lake City, Utah | | |
| 2002 - 2003 | | Research Assistant, University of Utah, Salt Lake City, Utah | | |
| 2001 - 2002 | | Physical therapy Aide, IHC, Utah | | |
| 1996 - 2001 | | Program Coordinator, University of Utah, Salt Lake City, Utah | | |
| 1994 - 1996 | | Certified Nurse Assistant, FHP Hospital, Utah | | |
|  |  |  |  |  |
| **Reviewer Experience** | | | | |
| Reviewer for American Journal of Industrial Medicine | | | | |
| Reviewer for American Public Health Association Annual Conference Abstract Submissions | | | | |
| Reviewer for BMC Musculoskeletal Journal (Impact Factor of 2.1) for submitted manuscripts. | | | | |
| Reviewer for Biochemia Medica | | | | |
| Reviewer for Human Factors and Ergonomics Society Journal (Impact Factor of 1.2) for submitted manuscripts | | | | |
| Reviewer for Medicine & Science in Sports & Exercise | | | | |
| Reviewer for New England Journal of Medicine | | | | |
| Reviewer for Obestiy | | | | |
| Reviewer for Occupational Medicine | | | | |
| Reviewer for Occupational and Environmental Medicine | | | | |
| Reviewer for Oregon Health Sciences University Occupational Health Sciences Pilot Project Grant Proposals | | | | |
| Reviewer for PLoS One | | | | |
| Reviewer for Safety Science | | | | |
| Reviewer for Safety and Health at Work | | | | |
|  |  |  |  |  |
| **SCHOLASTIC HONORS** | | | | |
| 2006 - 2007 | | Royce Moser, Jr., and Lois H. Moser Endowed Scholarship in Occupational Health Recipient | | |
| 2005 - 2006 | | Paul S Richards Safe Workplace Scholarship Recipient | | |
| 2003 - Present | | Golden Key International Honor Society | | |
| 2003 - Present | | Delta Omega Honor Society | | |
| 2003 | | Phi Kappa Phi | | |
| 2002 - 2003 | | Student Excellence Award | | |
|  |  |  |  |  |
| **ADMINISTRATIVE EXPERIENCE** | | | | |
| **Administrative Duties** | | | | |
| 2001 - 2006 | | University of Utah Public Health Student Advisory Committee Supervise and coordinate 6 department wide activities throughout my tenure on the committee Assist the SAC President in conducting meetings, supervising projects, and following bylaws and budgetary constraints. All years except 2004 | | |
|  |  |  |  |  |
| **Professional Organization & Scientific Activities** | | | | |
| 2017 | | Keynote Speaker, National Institute for Occupational Safety and Health, Presented Truck Driving Research Findings to National Institute of Occupational Safety and Health Employees in Cincinnati OH, Morgantown WV, and Denver CO. | | |
| 2016 | | Presenter & Member, American Thoracic Society, Journal Club on “Nonadherence with Employer-Mandated Sleep Apnea Treatment and Increased Risk of Serious Truck Crashes”, | | |
| 2012 - Present | | Peer Reviewer, Human Factors and Ergonomics Society, Peer Reviewer for Submitted Manuscripts | | |
| 2012 - Present | | Member, National Research Council, Transportation Research Board | | |
| 2011 | | Peer Reviewer, American Public Health Association, Review Abstract Submissions for the APHA Annual Meeting | | |
| 1996 - 2001 | | Officer, Sigma Chi, University of Miami | | |
|  |  |  |  |  |
| **Grant Review Committee/Study Section** | | | | |
| 2011 | | National Institute for Occupational and Environmental Health National Occupational Research Agenda Intramural Study Section Peer Reviewer | | |
|  |  |  |  |  |
| **PROFESSIONAL COMMUNITY ACTIVITIES** | | | | |
| 2017 - 2018 | | Chair-Elect, Salt Lake City School District, Extended Learning Program | | |
| 2017 - 2018 | | Chair Elect & Member, Salt Lake City School District, Extended Learning Program Steering Committee. Work with the 12 member committee to manage the budget, goals, and concerns, as well as report to the parent community. | | |
| 2016 | | Interviewee, Transport Topics, This trade journal published an article about my research on truck driver health and safety. | | |
| 2015 | | Interviewee, MedicalResearch.com, Interviewed and publication on MedicalResearch.com regarding a recent publication. | | |
| 2015 | | Interviewee, Truckers News, Interview and article in the Truckers News publication regarding a recent publication. | | |
| 2011 - 2012 | | Peer Reviewer, BioMed Central Ltd., Peer Reviewer for Submitted Manuscripts | | |
| 2003 - 2004 | | Volunteer, March of Dimes | | |
| 2000 | | Volunteer, LeaderShape Institute, Champaign-Urbana, Illinois | | |
| 1997 - 1999 | | Volunteer, Rebuilding Together, Christmas in April | | |
| 1991 - 1997 | | Volunteer, Special Olympics, Utah | | |
| 1990 - Present | | Volunteer, Salt Lake City School District, Volunteer for direct student interaction and teacher assistance for various grades at multiple elementary schools. | | |
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| **UNIVERSITY COMMUNITY ACTIVITIES** | | | | |
| **University Level** | | | | |
| 2017 - 2019 | | Faculty Representative, Committee on Student Affairs | | |
| 2015 | | Reviewer, University of Utah Seed Grants, I reviewed University of Utah Seed Grant Applications | | |
| 2015 - 2018 | | Member, University Joint Apportionment Board | | |
| 2014 - Present | | Faculty Advisor, Associated Students of the University of Utah, I am the faculty advisor for a student club called RAW Planet, which promotes health and literacy across the globe through service projects directed by student members. | | |
| 2010 - 2012 | | Member, Financial Aid and Scholarships Committee, Oversaw and participated in Financial Aid and Scholarship decisions, specifically student demographics and need. | | |
| 2001 - 2003 | | Activities Chair, University of Utah, Student Advisory Committee: Participated in discussions and decisions regarding faculty Organized student activities for the Public Health program | | |
| 2000 - 2001 | | Vice President, University of Utah, Senior Class Vice President Organized and implemented many student activities and programs Worked directly with university faculty and administrators | | |
| 1997 - 2002 | | Member, University of Utah, Student Behavior Committee | | |
| 1997 - 2001 | | Volunteer, Red Butte Garden | | |
| 1997 - 1998 | | Chairperson, University of Utah, 25th annual Mayfest Planned and carried out one of the largest University of Utah activities | | |
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| **College Level** | | | | |
| 2017 - 2018 | | Committee Member, School of Medicine, Tenure Faculty Search Committee | | |
| 2010 - 2012 | | Member, School of Medicine LCME Reaccreditation Steering Committee, Served on the committee assessing the goals and direction of the University of Utah School of Medicine prior to Liason Committee on Medical Education (LCME) Accreditation | | |
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| **Department Level** | | | | |
| 2013 | | Faculty Interviewer, Family and Preventive Medicine, Interviewed potential faculty for Family and Preventive Medicine position. | | |
| 2013 | | Faculty Interviewer, Family and Preventive Medicine, Interviewed potential faculty for Public Health Division position. | | |
| 2010 - 2012 | | Member, Family and Preventive Medicine, Research Infrastructure Committee | | |
|  |  |  |  |  |
| **Programs, Centers & Institutes** | | | | |
| 2013 - Present | | Faculty Interviewer, Rocky Mountain Center for Occupational and Environmental Health, Interviewer for Faculty Position Applicants | | |
| 2012 - Present | | Member, Rocky Mountain Center for Occupational and Environmental Health, Occupational and Environmental Health Admissions Committee | | |
|  |  |  |  |  |
| **CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES** | | | | |
| American Society of Safety Engineers | | | | |
| Delta Omega Honorary Society | | | | |
| Gold Key International Honour Society | | | | |
|  |  |  |  |  |
| **FUNDING** | | | | |
| **Past Grants** | | | | |
| 12/04/17 - 03/30/18 | | Niosh Cmv Driver Health | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $14,582 Total Costs: $19,904 | | |
|  |  | Role: Principal Investigator | | |
| 07/01/16 - 06/30/20 | | Exposure Response Relationships for Low Back Pain Pooled Analyses | | |
|  |  | National Institute for Occupational Safety and Health Education and Research Centers | | |
|  |  | Role: Investigator | | |
| 09/01/13 - 08/31/16 | | Exposure Response Relationships for CTS and Epicondylitis from Pooled Data,R01-OH-010916-01 | | |
|  |  | Principal Investigator(s): Arun Garg | | |
|  |  | Direct Costs: $2,363,068 Total Costs: $3,568,053 | | |
|  |  | National Institute for Occupational Safety and Health Education and Research Centers | | |
|  |  | Role: Investigator | | |
| 07/01/13 - 06/30/18 | | Rocky Mountain Center for Occupational and Environmental Health NIOSH ERC Training Grant, 3TC42OH008414 | | |
|  |  | Direct Costs: $4,338,216 Total Costs: $6,507,458 | | |
|  |  | National Institute for Occupational Safety and Health Education and Research Centers | | |
|  |  | Role: Program Director, Occupational Injury Prevention Research Training | | |
| 07/01/12 - 06/30/14 | | Weight Loss Intervention | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $9,259 Total Costs: $10,000 | | |
|  |  | Role: Principal Investigator | | |
| 09/01/11 - 08/31/14 | | Factors Associated with Commercial Truck Driver Crash Risk: A Retrospective Cohort Sutdy | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $294,566 Total Costs: $318,131 | | |
|  |  | National Institute for Occupational Safety and Health | | |
|  |  | Role: Principal Investigator | | |
| 09/01/10 - 08/31/13 | | A Pooled Longitudinal Analysis of Workplace Carpal Tunnel Syndrome | | |
|  |  | Direct Costs: $1,369,785 Total Costs: $2,065,143 | | |
|  |  | National Institute for Occupational Safety and Health Education and Research Centers | | |
|  |  | Role: Investigator | | |
| 07/01/10 - 06/30/13 | | A Pooled Longitudinal Analysis of Workplaces Carpal Tunnel Syndrome | | |
|  |  | Direct Costs: $1,469,849 Total Costs: $1,469,849 | | |
|  |  | National Institute for Occupational Safety and Health | | |
|  |  | Role: Investigator | | |
| 07/01/10 - 06/30/11 | | Cross-education Following Unilateral Coordination Training; a Prospective Randomized Single Blind Controll Study | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $10,632 Total Costs: $10,632 | | |
|  |  | Rocky Mountain Center for Occupational & Environmental Health | | |
|  |  | Role: Co-Principal Investigator | | |
| 07/01/09 - 06/30/10 | | Factors Associated with Crash and Severity among Commercial Truck Drivers | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $10,994 Total Costs: $10,994 | | |
|  |  | Rocky Mountain Center for Occupational & Environmental Health | | |
|  |  | Role: Principal Investigator | | |
| 07/01/08 - 06/30/10 | | Slip, Trip and Fall Injuries among Commercial Truck Drivers | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $19,986 Total Costs: $19,986 | | |
|  |  | Rocky Mountain Center for Occupational & Environmental Health | | |
|  |  | Role: Principal Investigator | | |
| 09/01/07 - 08/31/10 | | Preventing Work Injuries and Chronic Illnesses in Truckers | | |
|  |  | Direct Costs: $905,010 Total Costs: $905,010 | | |
|  |  | Centers for Disease Control and Prevention | | |
|  |  | Role: Co-Investigator | | |
| 07/01/07 - 06/30/13 | | Rocky Mountain center for Occupational and Environmental Health NIOSH Education and Research Center Training Grant | | |
|  |  | Direct Costs: $6,800,000 Total Costs: $6,800,000 | | |
|  |  | National Institute for Occupational Safety and Health Education and Research Centers | | |
|  |  | Role: Investigator | | |
| 11/01/06 - 10/31/08 | | Exposures in Firefighters and Police Officers: A Study of Health Effects | | |
|  |  | Direct Costs: $500,000 Total Costs: $500,000 | | |
|  |  | Utah Labor Commission | | |
|  |  | Role: Study Coordinator | | |
| 09/30/06 - 09/29/09 | | Upper Limb Musculoskeletal Disorders: Quantifying Risk, Competing Renewal | | |
|  |  | Principal Investigator(s): Dr. Arun Garge; Dr. J. Steven Moore | | |
|  |  | Direct Costs: $1,440,000 Total Costs: $1,440,000 | | |
|  |  | Centers for Disease Control and Prevention | | |
|  |  | Role: Study Coordinator | | |
| 09/30/03 - 09/29/06 | | Low Back Pain: Quantifying Risk | | |
|  |  | Principal Investigator(s): Dr. Arun Garge; Dr. J. Steven Moore | | |
|  |  | Direct Costs: $1,499,833 Total Costs: $1,499,833 | | |
|  |  | Centers for Disease Control and Prevention | | |
|  |  | Role: Study Coordinator | | |
| 09/30/02 - 09/29/06 | | Upper Limb Musculoskeletal Disorders: Quantifying Risk | | |
|  |  | Direct Costs: $1,997,930 Total Costs: $1,997,930 | | |
|  |  | Centers for Disease Control and Prevention | | |
|  |  | Role: Study Coordinator | | |
| 05/01/02 - 08/31/04 | | Home Health Care: Reducing Musculoskeletal Hazards | | |
|  |  | Direct Costs: $448,513 Total Costs: $448,513 | | |
|  |  | Centers for Disease Control and Prevention | | |
|  |  | Role: Graduate Research Assistant | | |
|  |  |  |  |  |
| **Past Contracts** | | | | |
| 05/01/16 - 04/30/21 | | American College of Occupational and Environmental Medicine Best Practice Guidelines | | |
|  |  | Principal Investigator(s): Matthew S. Thiese | | |
|  |  | Direct Costs: $685,000 Total Costs: $856,250 | | |
|  |  | American College of Occupational and Environmental Medicine | | |
|  |  | Role: Principal Investigator | | |
| 12/12/11 - 02/17/16 | | H-Wave® Device vs. TENS vs. Sham Electrotherapy Treatment for Chronic Non-specific Low Back Pain in a Working-Age Population: A 12-Week Double Blinded Randomized Controlled Trial. Investigator. Sponsor: Electronic Waveform Lab, Inc. | | |
|  |  | Direct Costs: $264,829 Total Costs: $351,428 | | |
|  |  | Electronic Waveform Lab, Inc. | | |
|  |  | Role: Investigator | | |
|  |  |  |  |  |
| **TEACHING RESPONSIBILITIES/ASSIGNMENTS** | | | | |
| **Course and Curriculum Development** | | | | |
| 2014 - Present | | Co-developed and Taught Evidence Based Medicine, 2nd Year, Weekly Small Group and Lectures, 108 2nd year medical students (MS2) | | |
| 2012 - Present | | Developed and taught FP MD 6370-90, an Online Only Occupational Epidemiology I, required core course for Masters of Occupational Health (MOH), Masters of Science of Occupational Health (MSOH), Masters of Science of Public Health (MSPH), PhD Students, Nursing Students and Occupational Medicine Residents. We have had students in France, and across the US take this course. | | |
| 2012 - 2015 | | Co-Developed and Taught Evidence Based Medicine, Year 1, Weekly Small Group and Lectures, approximately 102 first year medical students (MS1) each year. | | |
| 2012 - Present | | Developed and taught FP MD 7720-01 Occupational Injury Epidemiology, required core course for Occupationa Injury Epidemiology PhD students. | | |
| 2010 - Present | | Developed Online Journal Club course (Still under development), designed for MS, PhD, medicince residents, and practicing physicians. | | |
| 2010 - Present | | Developed FP MD 7440 Research Projects in Public Health, Occupational and Environmental Health, designed for MD and PhD students of any track with an interest in conducting research and analyzing data. There are usually 2-4 students each year in this course. | | |
| 2008 - Present | | Developed and taught FP MD 6370-01, a hybrid course (both online and in class elements) titled Occupational Epidemiology I, required core course for MOH, MSOH, PhD and Occupational Medicine Residents. This course has 16-23 students each fall and 3-5 students each spring. | | |
| 2005 - Present | | Assisted in the development of FP MD 6703 Occupational Injuries and Diseases, designed for MS, MPH, MSPH, PhD and Occupational Medicine Residents | | |
| 2004 - 2012 | | Developed and lectured, in conjunction with Dr. Grant Cannon and Dr. Kurt Hegmann, Science of Medicine I, required curriculum for Medical Students in their first year of study. | | |
|  |  |  |  |  |
| **Courses Directed** | | | | |
| 2012 - Present | | Directed FP MD 6370-90 an Online Only Occupational Epidemiology I, required core course for MOH, MSOH, PhD and Occupational Medicine Residents | | |
| 2010 - Present | | FP MD 7440 Research Projects in Public Health, Occupational, and Environmental Health (4-8 credits hours) Course Director (Spring 2010) 1 MSH student | | |
| 2008 - Present | | FP MD 6370-01 Occupational Epidemiology I (3 credit hours) Course Director (Fall), 10-12 MSOH, MOH, MSPH, MPH students 3-4 OM Residents, 1-2 PhD students. | | |
| 2008 - Present | | Science of Medicine I (and Phase I curriculum), Co-course Director (Spring 2009, Fall 2009), 80-100 MSI students | | |
|  |  |  |  |  |
| **Course Lectures** | | | | |
| 2017 | | Facilitator, Evidence Based Medicine - EBM in H+D, University of Utah, Family and Preventive Medicine, EBM in H+D | | |
| 2017 | | Facilitator, Evidence Based Medicine - EBM in SMBJ, University of Utah, Family and Preventive Medicine, EBM in SMBJ | | |
| 2017 | | Facilitator, Evidence Based Medicine - EBM in B+B, University of Utah, Family and Preventive Medicine, EBM in B+B | | |
| 2017 | | Facilitator, Evidence Based Medicine - EBM in MCC , University of Utah, Family and Preventive Medicine, EBM in MCC | | |
| 2017 | | Facilitator, Evidence Based Medicine - EBM in B+B, University of Utah, Family and Preventive Medicine, EBM in B+B | | |
| 2017 | | Facilitator, Evidence Based Medicine - EBM in MCC , University of Utah, Family and Preventive Medicine, EBM in MCC | | |
| 2016 | | Developer, Evidence Based Medicine - MS2020 EBM: Measurement, University of Utah, Family and Preventive Medicine, MS2020 EBM: Measurement | | |
| 2016 | | Developer, Foundations of Medicine - 10/25/16 3pm-4pm EBM: Validity, Bias, Confounding , University of Utah, Family and Preventive Medicine, 10/25/16 3pm-4pm EBM: Validity, Bias, Confounding | | |
| 2016 | | Unknown, Metabolism and Reproduction - EBM Small Groups, University of Utah, Family and Preventive Medicine, EBM Small Groups | | |
| 2015 | | Facilitator, Clinical Medicine - CMC IV: EBM Small Group 2: Appraising Content-Systematic Reviews, University of Utah, Family and Preventive Medicine, CMC IV: EBM Small Group 2: Appraising Content-Systematic Reviews | | |
| 2015 | | Facilitator, Clinical Medicine - CMC IV: EBM Small Group 1: Appraising Content - Harm Studies , University of Utah, Family and Preventive Medicine, CMC IV: EBM Small Group 1: Appraising Content - Harm Studies | | |
| 2014 | | Facilitator, Clinical Medicine - CMC III: EBM small group 5: Appraising Medical Info - Therapeutic Stud, University of Utah, Family and Preventive Medicine, CMC III: EBM small group 5: Appraising Medical Info - Therapeutic Studies | | |
| 2014 | | Facilitator, Clinical Medicine - CMC III: EBM Small Group 4: Appraise Medical Information - Diagnostic , University of Utah, Family and Preventive Medicine, CMC III: EBM Small Group 4: Appraise Medical Information - Diagnostic Studies | | |
| 2014 | | Developer, Foundations of Medicine - EBM: Bias and Confounding, University of Utah, Family and Preventive Medicine, EBM: Bias and Confounding | | |
| 2014 | | Facilitator, Clinical Medicine - CMC III: EBM Small Group 3: Locating Medical Information , University of Utah, Family and Preventive Medicine, CMC III: EBM Small Group 3: Locating Medical Information | | |
| 2014 | | Facilitator, Clinical Medicine - CMC III: EBM session 1: Forming a Clinical Question, University of Utah, Family and Preventive Medicine, CMC III: EBM session 1: Forming a Clinical Question | | |
| 2014 | | Developer, Foundations of Medicine - EBM: Hypothesis and Statistical Testing, University of Utah, Family and Preventive Medicine, EBM: Hypothesis and Statistical Testing | | |
| 2014 | | Developer, Foundations of Medicine - EBM: Organization of Data, University of Utah, Family and Preventive Medicine, EBM: Organization of Data | | |
| 2014 | | Instructor, MD ID 7300: Foundations of Med - MS2018 Phase I - EBM, 104 students, University of Utah, Deans Office - SOM | | |
| 2013 | | Instructor, MD ID: EBM: Integrated Problem Solving Session, Office of the Dean/Medicine, : MS2017 Phase I - EBM: Integrated Problem Solving Session | | |
| 2013 | | Facilitator, Foundations of Medicine - EBM: Integrated Problem Solving Session , University of Utah, Family and Preventive Medicine, EBM: Integrated Problem Solving Session | | |
| 2013 | | Instructor, MD ID: EBM: Sensitivity and Specificity, Office of the Dean/Medicine, : MS2017 Phase I - EBM: Sensitivity and Specificity | | |
| 2013 | | Developer, Foundations of Medicine - EBM: Sensitivity & Specificity, University of Utah, Family and Preventive Medicine, EBM: Sensitivity & Specificity | | |
| 2013 | | Instructor, MD ID: EBM: Hypothesis and Statistical Testing, Office of the Dean/Medicine, : MS2017 Phase I - EBM: Hypothesis and Statistical Testing | | |
| 2013 | | Developer, Foundations of Medicine - EBM: Hypothesis & Statistical Testing , University of Utah, Family and Preventive Medicine, EBM: Hypothesis & Statistical Testing | | |
| 2013 | | Instructor, MD ID: EBM: Organization of Data, Office of the Dean/Medicine, : MS2017 Phase I - EBM: Organization of Data | | |
| 2013 | | Developer, Foundations of Medicine - EBM: Organization of Data, University of Utah, Family and Preventive Medicine, EBM: Organization of Data | | |
| 2013 | | Instructor, MD ID 7300: Foundations of Med - EBM, 102 students, University of Utah, Deans Office - SOM | | |
| 2012 | | Instructor, EBM: Sensitivity and Specificity, : MS2016 Phase I - EBM: Sensitivity and Specificity | | |
| 2012 | | Instructor, EBM: Sensitivity and Specificity, : MS2016 Phase I - EBM: Sensitivity and Specificity | | |
| 2012 | | Instructor, EBM: Hypothesis & Statistical Testing, : MS2016 Phase I - EBM: Hypothesis & Statistical Testing | | |
| 2012 | | Instructor, EBM: Hypothesis & Statistical Testing, : MS2016 Phase I - EBM: Hypothesis & Statistical Testing | | |
| 2012 | | Instructor, EBM: Organization of Data, : MS2016 Phase I - EBM: Organization of Data | | |
| 2012 | | Instructor, EBM: Organization of Data, : MS2016 Phase I - EBM: Organization of Data | | |
| 2011 | | Instructor, W15 Cox-2 Inhibitors HW, : MS2015 Phase I - W15 Cox-2 Inhibitors HW | | |
| 2011 | | Instructor, W14 Levels of Evidence HW, : MS2015 Phase I - W14 Levels of Evidence HW | | |
| 2011 | | Instructor, EBM - Levels of Evidence, : MS2015 Phase I - EBM - Levels of Evidence | | |
| 2011 | | Instructor, IC-8 - Facilitators, : MS2015 Phase I - IC-8 - Facilitators | | |
| 2011 | | Instructor, W9 Sensitivity + Specificity HW, : MS2015 Phase I - W9 Sensitivity + Specificity HW | | |
| 2011 | | Instructor, EBM - Sensitivity + Specificity, : MS2015 Phase I - EBM - Sensitivity + Specificity | | |
| 2011 | | Instructor, IC-6 - Facilitators, : MS2015 Phase I - IC-6 - Facilitators | | |
| 2011 | | Instructor, W6 Hypothesis + Statistical Testing HW, : MS2015 Phase I - W6 Hypothesis + Statistical Testing HW | | |
| 2011 | | Instructor, EBM - Hypothesis + Statistical Testing, : MS2015 Phase I - EBM - Hypothesis + Statistical Testing | | |
| 2011 | | Instructor, W4 Organization of Data HW, : MS2015 Phase I - W4 Organization of Data HW | | |
| 2011 | | Instructor, EBM - Organization of Data, : MS2015 Phase I - EBM - Organization of Data | | |
| 2011 | | Primary Instructor, FP MD 6370: Occupational Epi, 12 students, Family & Preventive Medicine | | |
| 2011 | | Primary Instructor, FP MD 6954: Independent Study, 1 student, Family & Preventive Medicine | | |
| 2010 | | Instructor, W15 Cox-2 Inhibitors HW, : MS2014 Phase I - W15 Cox-2 Inhibitors HW | | |
| 2010 | | Instructor, W8 Sensitivity & Specificity HW, : MS2014 Phase I - W8 Sensitivity & Specificity HW | | |
| 2010 | | Instructor, Evidence Based Medicine: Sensitivity & Specificity, : MS2014 Phase I - Evidence Based Medicine: Sensitivity & Specificity | | |
| 2010 | | Instructor, W4 Organization of Data HW, : MS2014 Phase I - W4 Organization of Data HW | | |
| 2010 | | Instructor, Evidence Based Medicine: Organization of Data, : MS2014 Phase I - Evidence Based Medicine: Organization of Data | | |
| 2010 | | Primary Instructor, FP MD 6370: Occupational Epi, 24 students, Family & Preventive Medicine | | |
| 2009 | | Instructor, Science of Medicine Integrated Problem Solving Session HW, : Phase I - Science of Medicine Integrated Problem Solving Session HW | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Sensitivity & Specificity HW, : Phase I - Sensitivity & Specificity HW | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Instructor, Sensitivity & Specificity, : Phase I - Sensitivity & Specificity | | |
| 2009 | | Instructor, Science of Medicine HW Review Session, : Phase I - Science of Medicine HW Review Session | | |
| 2009 | | Primary Instructor, FP MD 7440: Res in PH Occ/Env Hlth, 1 student, Family & Preventive Medicine | | |
| 2009 | | Primary Instructor, FP MD 6370: Occupational Epi, 12 students, Family & Preventive Medicine | | |
| 2009 | | Instructor, MD ID 7020: Clinical correlation symposium-COX-2 inhibitors in clinical medicine, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Clinical correlation symposium-COX-2 inhibitors in clinical medicine | | |
| 2009 | | Instructor, MD ID 7020: Diagnostic studies #2: Study design and interpretation, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Diagnostic studies #2: Study design and interpretation | | |
| 2009 | | Instructor, MD ID 7020: Organization of Data & Analysis of Data, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Organization of Data & Analysis of Data | | |
| 2009 | | Instructor, MD ID 7020: Organization of Data, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Organization of Data | | |
| 2008 | | Primary Instructor, FP MD 6370: Occupational Epi, 10 students, Family & Preventive Medicine | | |
| 2006 | | Instructor, MD ID 7020-3: Small Groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Groups | | |
| 2006 | | Instructor, MD ID 7020-3: Small Groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Groups | | |
| 2006 | | Instructor, MD ID 7020-3: Small Groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Groups | | |
| 2006 | | Instructor, MD ID 7020-3: Small groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small groups | | |
| 2006 | | Instructor, MD ID 7020-3: Small Groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Groups | | |
| 2006 | | Instructor, MD ID 7020-3: Small Groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Groups | | |
| 2006 | | Instructor, MD ID 7020-3: Small Groups, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Groups | | |
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| **Small Group Teaching** | | | | |
| 2004 - 2017 | | Small group leader and Teaching Assistant for Science of Medicine course | | |
| 2004 | | Teaching Assistant for Clinical Prevention course | | |
| 2003 - 2006 | | Tutor. Biostatistics FPMD 6100, Graduate Level. Department of Family and Preventive Medicine | | |
| 2003 - 2005 | | Tutor. Epidemiology FPMD 6300, Graduate Level. Division of Clinical Epidemiology | | |
| 2001 - 2005 | | Tutor. Physics PHYCS 2110, 2120. Department of Physics | | |
| 2001 | | Tutor. Biochemistry CHEM 3510, 3520. Department of Biochemistry | | |
| 2000 | | Tutor. Chemistry CHEM 1210, 1220, 2310, 2320. Department of Chemistry | | |
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| **Graduate Student Committees** | | | | |
| 2021 - Present | | Chair, Chapman Cox, University of Utah | | |
| 2016 - 2020 | | Chair, Andria Thatcher, University of Utah | | |
| 2019 - Present | | Chair, Uchenna Ogbonnaya, University of Utah | | |
| 2015 - 2019 | | Chair, Onwuka Okorie, University of Utah | | |
| 2019 - 2020 | | Chair, Lindsay Scholl, University of Utah | | |
| 2017 - 2019 | | Member, Hannah Phillips, University of Utah | | |
| 2017 - 2019 | | Member, Jared Stenberg, University of Utah | | |
| 2017 - 2019 | | Member, Naomi Riches, University of Utah | | |
| 2016 - 2018 | | Member, Reginald Beales, University of Utah | | |
| 2016 - 2018 | | Member, Tyler McCord, University of Utah | | |
| 2016 - 2018 | | Member, Alexandra Cox, University of Utah | | |
| 2016 - 2018 | | Member, Tyler Trogdon, University of Utah | | |
| 2016 - 2019 | | Member, Aaron England, University of Utah, College of Health Doctoral Student, University of Utah, Committee and Dissertation Committee Member Project Title: TBD | | |
| 2015 - 2017 | | Member, Sarah Van Orman, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: TBD | | |
| 2015 - 2017 | | Member, Marie Thorsen, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: Heavy Metal Exposure from Great Salt Lake Basin | | |
| 2015 - 2017 | | Member, Rex Watson, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Acupuncture and blood flow in an occupational setting | | |
| 2015 - 2017 | | Member, Sean Biggs, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Shoulder Disorders Within an Occupational Population | | |
| 2015 - 2017 | | Member, Charles Prezzia, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Polypharmacy among Commercial Truck Drivers | | |
| 2015 - 2017 | | Member, Daphney Myrtil, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Occupational medicine treatment guidelines | | |
| 2015 - 2017 | | Member, German Ellsworth, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Low Back Pain and Psychosocial Factors | | |
| 2015 - Present | | Chair, Andria Thatcher, University of Utah, Occupational Injury Prevention Doctoral Student, University of Utah, Mentor Committee and Dissertation Committee Chair. Project Title: Ergonomic Hazards among Commercial Truck Drivers. | | |
| 2015 - 2017 | | Member, David Boren, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Role of Exposure Assessment to Detect the Effects of Alcohol and Occupational Lead Exposure on Biomarkers of Male Infertility | | |
| 2015 - 2017 | | Member, Travis Jones, University of Utah | | |
| 2015 - 2017 | | Member, Andrew Phillips, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Accommodations for breastfeeding in the workplace: A review | | |
| 2014 - 2018 | | Member, Clint Holm, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: Evaluation of Physiological Strain in Hot Work Areas using Thermal Imagery | | |
| 2014 - 2016 | | Member, Zachary Arnold, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: Predicting core temperatures in a hot occupational environment using infrared thermography and thermometry: a pilot study | | |
| 2014 - 2015 | | Member, Floyd Johnson, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: Health and safety in construction industry | | |
| 2014 - 2017 | | Member, Ronald Tomyn, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: The Effects of Neutralized Particles on the Sampling Efficiency of Polyurethane Foam Used to Estimate the Extrathoracic Deposition Fraction | | |
| 2014 - 2016 | | Member, Tungyun David Wu, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Carpal Tunnel Syndrome and Physical Activity | | |
| 2014 - 2016 | | Member, Logan Jones, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: "Multiple Medical Diagnoses of Long-Haul Truck Drivers and Associated Risk of Crashes and Near-Misses" | | |
| 2014 - 2015 | | Member, Heidi Bastian, University of Utah, Industrial Hygiene Masters Student, University of Utah, Masters Committee. Project Title: An Examination of the Effect of Particle Size on Wall Loss Recovery in an Isokinetic Sampler | | |
| 2014 - 2015 | | Member, Jolene Mitchell, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Prescription Medication in Truck Drivers a Surrogate Marker for Mental Illness | | |
| 2014 - 2019 | | Chair, Onwuka Okorie, University of Utah, Occupational Injury Prevention Doctoral Student, University of Utah, Mentor Committee and Dissertation Committee Chair. Project Title: Cardiovascular Risks among Commercial Truck Drivers and Subsequent Risk of Workers Compensation Claims. | | |
| 2013 - 2015 | | Member, John Fiszer, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: A Comparative Study of Framingham Risk Scores of U.S. Truck Drivers and the General U.S. Population | | |
| 2013 - 2014 | | Member, John Hatfield, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Testostarone and Diet among Air Force Pilots | | |
| 2013 - 2014 | | Member, Tim Duffy, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: The use of acupressure for motion sickness in aviators. | | |
| 2013 - 2014 | | Member, Kevin Hettinger, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Do pilots purposefully withhold or minimize complaints during annual examination? | | |
| 2013 - 2014 | | Member, David Adams, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Dissolution Rates of Five Mine Ore Inorganic Elements in Simulated Lung Fluid | | |
| 2013 - 2014 | | Member, David Cook, University of Utah, Masters Student, University of Utah, Masters Committee. Project Title: A Comparison of Sampling Efficiency for the Closed-Face Cassette Sampler at Different Orientations | | |
| 2012 - 2013 | | Member, Steven Sevy, University of Utah, Masters Student, University of Utah, Masters Committee. Project Title: Correlation and Comparison of Sulfur Dioxide and Airborne Metal Concentrations Before and After Flash Smelting Furnace Refurbishment | | |
| 2012 - 2014 | | Member, Josh Silva, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: The Low Job Satisfaction as a risk factor for Medial Epicondylalgia | | |
| 2012 - 2013 | | Member, Onwuka Okorie, University of Utah, Masters Student, University of Utah, Masters Committee. Project Title: Use of Direct Reading and Short Term Sampling of Indoor Air Quality in a Veteran's Affairs Dental Clinic Laboratory for Select Air Contaminants | | |
| 2012 - 2014 | | Member, Myra Cruz, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Workplace and Personal Factors Associated with Severity of Low Back Pain among Manual Material Handlers | | |
| 2012 - 2014 | | Member, Aren Giske, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Psychosocial Factors Associated with Self-Reported Low Back Pain: A Cross Sectional Baseline analysis of the Rocky Mountain Center for Occupational and Environmental Health Low Back Pain Study Group | | |
| 2012 - 2014 | | Member, Anne Thackary, University of Utah, PhD Candidate, University of Utah, Dissertation Committee. Dissertation Title: Recovery patterns for lumbo-radicular syndrome among a working cohort. | | |
| 2012 - 2013 | | Member, Dallin Olsen, University of Utah, Medical Student, Directed Summer Research Practicum. Project Title: Low Back Pain and Physical Activity. | | |
| 2012 - 2013 | | Member, Rex Steele, University of Utah, Project Correlation between Airborne Sulfur Dioxide and Airborne Metal Concentrations in a Metal Smelting Flash Smelting Work Area. | | |
| 2011 - 2014 | | Member, Alzina Koric, University of Utah, University of Utah, Masters Committee, Masters of Public Policy. Project Title: OCCUPATOINAL TRUCK DRIVING – Making healthier life style, a matter of Public Health & Public Policy | | |
| 2010 - 2012 | | Member, Alex Morgan, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Effect of Employment Status on Length of Hospitalization Due to Influenza | | |
| 2010 - 2012 | | Member, Dustin Campbell, University of Utah, University of Utah, Masters Committee. Project The Financial and Occupant Health Benefits of Optimizing Energy Use in a Healthcare Facility Building and Environment. | | |
| 2010 - 2012 | | Member, Josh Corbridge, University of Utah, University of Utah, Master Committee. Project Title: Respirable Roadside Particulate Measures Comparing a Grimm Spectrometer with NIOSH Filter-Cassette Sampling | | |
| 2010 - 2012 | | Member, Melissa Cheng, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Comparison of Opioid Related Deaths by Work Injury | | |
| 2010 - 2012 | | Member, Victor Alaves, University of Utah, University of Utah, Masters Committee. Project Characterization of indoor air contaminants in a randomly selected set of commercial nail salons in Salt Lake County, Utah | | |
| 2010 - 2012 | | Member, Rahila Andrews, University of Utah, Occupational Medicine Resident, University oif Utah, Masters Committee. Project Title: Self-rated Depressed Mood in Commercial Truck Drivers | | |
| 2010 - 2011 | | Member, Patricia Pankey, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: Progress Report on Modifying DNIF Policy for Use of Acupuncture on Aircrew | | |
| 2010 - 2011 | | Member, Mitch Transtrum, University of Utah, University of Utah, Masters Committee. Project Title: Comparison of Real-Time and Traditional Monitoring Methods for Diesel Particulate Matter: A Meta-Analysis | | |
| 2009 - 2011 | | Member, Kelli Graziano, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title: A summary of Recommendations Regarding the Use of Medications in Commercial Drivers. | | |
| 2009 - 2011 | | Member, Eryn Stansfield, University of Utah, Occupational Medicine Resident, University of Utah, Masters Committee. Project Title Pending. | | |
| 05/01/2010 | | Member, Jamie Freestone, University of Utah, University of Utah, Masters Committee. Provided guidance in conducting a research priject titled "A Comparison of Real-Time Monitoring of Select Metal Concentrations in a Copper Smelter Workplace Compared to Accepted Pump Air Sampling Monitoring Methods." | | |
| 05/01/2011 | | Member, Christopher Dansie, University of Utah, Using an Intelligent System to Combine Multiple Ergonomic Analytical Tool Outcomes into Single Risk Assessment" | | |
| 2008 - 2010 | | Member, John Call, University of Utah, University of Utah, Masters Committee. Exposure estimation matrix for estimating historical exposures to police officers to methamphetamine | | |
| 2008 - 2010 | | Member, Andrew Migel, University of Utah, University of Utah, Masters Committee. Assisted with guidance on conducting a study titled "Real-Time Monitoring of Hexavalent Chromium during Stainless Steel Welding Operations Using the GRIMM 1.109 Portable Aerosol Spectrometer." | | |
| 2008 - 2010 | | Member, Taylor Perkins, University of Utah, University of Utah, Masters Committee. Assisted in guidance on development and conducting of a research project titled "Real-Time Monitoring of Hexavalent Chrmium in Welding Operations using a Haz-Dust Environmental Aerosol Air Monitoring Instrument." | | |
| 2008 - 2010 | | Member, James McDonald, University of Utah, University of Utah, Masters Committee. Provided guidance on conducting a research project titled "Real-Time Monitoring of Arsenic, Cadmium, Copper, and Lead Concentrations in Workplace Smelter Particulates Using a TSI 8520 DustTrak." | | |
| 2008 - 2010 | | Member, Brian Sterzer, University of Utah, University of Utah, Masters Committee. Provided guidance on conducting research on a project titled "Comparison between Monitoring of Chromium VI Concentrations in Stainless Steel Welding Fumes Using a Real-Time Aerosol Instrument and Air Pump Filter Methods" | | |
| 2008 - 2009 | | Member, Jason Storrs, University of Utah, University of Utah, Masters Committee. "Solubility of beryllium, aluminum, and silicon from beryllium ores in simulated lung fluid." | | |
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| **Independent Study Supervised** | | | | |
| 2013 - Present | | FPMD 7440 Independent Study in Occupational and Enviornmental Medicine for Andrew Covington MSIII, investigating LBP treatment and 3 month prognosis within an occupational cohort. | | |
| 2012 | | Summer Internship, Dallin Olsen, MSI | | |
| 2012 - Present | | Research Internship, Paula Jo Porter MSI | | |
| 2012 - Present | | Research Internship, Robert Chestnut MSI | | |
| 2010 - 2013 | | FPMD 7440 Independent Study in Occupational and Enviornmental Medicine for Austin Hill, MSIV, investigating hypertension and treatment among commercial truck drivers. | | |
| 2009 - 2011 | | Anas Sawas, MSI student supervised for analyzing cross sectional data evaluating the relationship between low back pain and tenderpoints. | | |
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| **Didactic Lectures** | | | | |
| 2015 | | Lectured to the Western Occupational and Environmental Medicine Conference about "Occupational Opioid Use and current Evidence Based Best Practice Guideline recommendations for workers" as part of the annual conference. Continuing Medical Education credits were provided as part of this lecture. | | |
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| **PEER-REVIEWED JOURNAL ARTICLES** | | | | |
| 1. | Tomasi SE, Ramirez-Cardenas A, Thiese MS, Rinsky JL, Chiu SK, Luckhaupt S, Bateman R, Burrer SL (2021). COVID-19 mortality among Amalgamated Transit Union (ATU) and Transport Workers Union (TWU) workers-March-July 2020, New York City metro area. Am J Ind Med, 64 (9), 723-730. | | | |
| 2. | Thompson MG, Burgess JL, Naleway AL, Tyner H, Yoon SK, Meece J, Olsho LEW, Caban-Martinez AJ, Fowlkes AL, Lutrick K, Groom HC, Dunnigan K, Odean MJ, Hegmann K, Stefanski E, Edwards LJ, Schaefer-Solle N, Grant L, Ellingson K, Kuntz JL, Zunie T, Thiese MS, Ivacic L, Wesley MG, Mayo Lamberte J, Sun X, Smith ME, Phillips AL, Groover KD, Yoo YM, Gerald J, Brown RT, Herring MK, Joseph G, Beitel S, Morrill TC, Mak J, Rivers P, Poe BP, Lynch B, Zhou Y, Zhang J, Kelleher A, Li Y, Dickerson M, Hanson E, Guenther K, Tong S, Bateman A, Reisdorf E, Barnes J, Azziz-Baumgartner E, Hunt DR, Arvay ML, Kutty P, Fry AM, Gaglani M (2021). Prevention and Attenuation of Covid-19 with the BNT162b2 and mRNA-1273 Vaccines. N Engl J Med, 385(4), 320-329. | | | |
| 3. | Thiese MS, Hegmann KT, Page GB, Weames GG (2021). Letter to the Editor: Landsbergis et al. (2019) titled "Work Exposures and Musculoskeletal Disorders Among Railroad Maintenance-of-Way Workers".(Epub ahead of print) J Occup Environ Med. | | | |
| 4. | Gomez NG, Gaspar FW, Thiese MS, Merryweather AS (2021). Trends in incidence and correlation between medical costs and lost workdays for work-related amputations in the State of California from 2007 to 2018. Health Sci Rep, 4(3), e319. | | | |
| 5. | Kapellusch JM, Bao SS, Malloy EJ, Thiese MS, Merryweather AS, Hegmann KT (2021). Validation of the Revised Strain Index for Predicting Risk of Incident Carpal Tunnel Syndrome in a Prospective Cohort. Ergonomics, 1-10. | | | |
| 6. | Gaspar FW, Thiese MS, Wizner K, Hegmann K (2021). Guideline adherence and lost workdays for acute low back pain in the California workers' compensation system. PLoS ONE, 16(6), e0253268. | | | |
| 7. | Thiese MS, Allen JA, Knudson M, Free K, Petersen P (2021). Depressive Symptoms and Suicidal Ideation Among Lawyers and Other Law Professionals. J Occup Environ Med, 63(5), 381-386. | | | |
| 8. | Thiese MS, Moffitt G, Hanowski RJ, Kales SN, Porter RJ, Hartenbaum N, Hegmann KT (2021). What Medical Conditions Limit or Medically Disqualify Truck Drivers: A Large Cross Sectional Study. J Occup Environ Med, 63(2), 139-146. | | | |
| 9. | Tang R, Kapellusch JM, Hegmann KT, Thiese MS, Wang I, Merryweather AS (2020). Evaluating Different Measures of Low Back Pain Among U.S. Manual Materials Handling Workers: Comparisons of Demographic, Psychosocial, and Job Physical Exposure. Hum Factors, 18720820971101. | | | |
| 10. | Thiese MS, Lu ML, Merryweather A, Tang R, Ferguson SA, Malloy EJ, Marras WS, Hegmann KT, Kapellusch J (2020). Psychosocial Factors and Low Back Pain Outcomes in a Pooled Analysis of Low Back Pain Studies. J Occup Environ Med, 62(10), 810-815. | | | |
| 11. | Merris J, Phillips AL, Hegmann KT, Owens JD, Amoafo LA, Thiese MS (2020). Morphine Equivalent Dose-Days (MED-D): Predicting the Impact of Opioid Prescription on Total Workers' Compensation Claim Costs for Acute Low Back Pain. J Occup Environ Med, 62(9), 700-705. | | | |
| 12. | Kagabo R, Thiese MS, Eden E, Thatcher AC, Gonzalez M, Okuyemi K (2020). Truck Drivers' Cigarette Smoking and Preferred Smoking Cessation Methods. Subst Abuse, 14, 1178221820949262. | | | |
| 13. | Merris J, Phillips AL, Hegmann KT, Owens JD, Amoafo LA, Thiese MS (2020). Morphine Equivalent Dose-Days (MED-D): Predicting the Impact of Opioid Prescription on Total Workers' Compensation Claim Costs for Acute Low Back Pain.(Epub ahead of print) J Occup Environ Med. | | | |
| 14. | Robbins RB, Thiese MS, Ott U, Wood EM, Effiong A, Murtaugh M, Kapellusch J, Cheng M, Hegmann K (2020). Metabolic Syndrome in Commercial Truck Drivers: Prevalence, Associated Factors, and Comparison With the General Population. J Occup Environ Med, 62(7), 453-459. | | | |
| 15. | Kagabo R, Okuyemi K, Eden E, Kapellusch J, Murtaugh MA, Hegmann KT, Thiese MS (2020). Psychosocial Factors and Tobacco Use Among Commercial Truck Drivers. J Occup Environ Med, 62(6), 439-444. | | | |
| 16. | Hegmann KT, Travis R, Andersson GBJ, Belcourt RM, Carragee EJ, Donelson R, Eskay-Auerbach M, Galper J, Goertz M, Haldeman S, Hooper PD, Lessenger JE, Mayer T, Mueller KL, Murphy DR, Tellin WG, Thiese MS, Weiss MS, Harris JS (2020). Non-Invasive and Minimally Invasive Management of Low Back Disorders. J Occup Environ Med, 62(3), e111-e138. | | | |
| 17. | Fitch MS, Thiese MS, Wood EM, Kapellusch JM, Hegmann KT (2020). The Coexistence of Carpal Tunnel Syndrome in Workers With Trigger Digit. Hand (N Y), 1558944719893048. | | | |
| 18. | Cox AL, Handy RG, Thiese MS, Sleeth DK (2019). Development of an Empirical Formula for Describing Human Inhalability of Airborne Particles at Low Wind Speeds and Calm Air. Ann Work Expo Health, 63(9), 1046-1060. | | | |
| 19. | Okorie O, Thiese MS, Murtaugh MA, Sheng X, Handy R, Hegmann K (2019). Relationships Between Poor Health and Calories From Fat Among Commercial Truck Drivers. J Occup Environ Med, 61(11), 944-948. | | | |
| 20. | Cheng M, Thiese MS, Wood EM, Kapellusch J, Foster J, Drury D, Merryweather A, Hegmann KT, BackWorks Study Team. (2019). Relationship Between Opioid Use and Pain Severity Ratings in Workers With Low Back Pain. J Occup Environ Med, 61(10), 836-840. | | | |
| 21. | Phillips AL, Thiese MS, Freeman M, Kartchner R, Hegmann KT (2019). Implementation of an Opioid Guideline Impacts on Opioid Prescriptions, Adverse Outcomes, and an Association with a State Opioid-Related Fatalities. J Occup Environ Med, 61(8), 653-658. | | | |
| 22. | Owens JD, Hegmann KT, Thiese MS, Phillips AL (2019). Impacts of Adherence to Evidence-Based Medicine Guidelines for the Management of Acute Low Back Pain on Costs of Worker's Compensation Claims. J Occup Environ Med, 61(6), 445-452. | | | |
| 23. | Ferguson SA, Merryweather A, Thiese MS, Hegmann KT, Lu ML, Kapellusch JM, Marras WS (2019). Prevalence of low back pain, seeking medical care, and lost time due to low back pain among manual material handling workers in the United States. BMC Musculoskelet Disord, 20(1), 243. | | | |
| 24. | England A, Brusseau T, Burns R, Koester D, Newton M, Thiese M (2019). The Cognitive Structure of the Basketball Free Throw in Adolescent Physical Education Students. Motor Control, 1-13. | | | |
| 25. | Cardona A, Thiese MS, Kapellusch J, Merryweather A, Wood E, Hegmann KT (2019). Role of Biomechanical Factors in Resolution of Carpal Tunnel Syndrome Among a Population of Workers. J Occup Environ Med, 61(4), 340-346. | | | |
| 26. | Yoon SK, Thiese MS, Ott U, Kapellusch J, Merryweather A, Wood EM, Ronna BB, Foster J, Drury DL, Hegmann KT (2019). The Role of Elbow Tender Point Examination in the Diagnosis of Lateral Epicondylitis. J Occup Environ Med, 61(2), 126-131. | | | |
| 27. | Doxey R, Thiese MS, Hegmann KT (2018). Reliability of Common Provocative Tests for Shoulder Tendinitis. J Occup Environ Med, 60(12), 1063-1066. | | | |
| 28. | Holdaway LA, Hegmann KT, Thiese MS, Kapellusch J (2018). Is sleep position associated with glenohumeral shoulder pain and rotator cuff tendinopathy: a cross-sectional study. BMC Musculoskelet Disord, 19(1), 408. | | | |
| 29. | Walker SD, Brown HL, Thiese MS, Ott U, Wood E, Kapellusch J, Hegmann KT (2018). Association Between Exercise and Low Back Pain Resulting in Modified Duty and Lost Time: A Cross-Sectional Analysis of an Occupational Population. J Occup Environ Med, 60(10), 896-900. | | | |
| 30. | Hegmann KT, Merryweather A, Thiese MS, Kendall R, Garg A, Kapellusch J, Foster J, Drury D, Wood EM, Melhorn JM (2018). Median Nerve Symptoms, Signs, and Electrodiagnostic Abnormalities Among Working Adults. J Am Acad Orthop Surg, 26(16), 576-584. | | | |
| 31. | Dale AM, Ekenga CC, Buckner-Petty S, Merlino L, Thiese MS, Bao S, Meyers AR, Harris-Adamson C, Kapellusch J, Eisen EA, Gerr F, Hegmann KT, Silverstein B, Garg A, Rempel D, Zeringue A, Evanoff BA (2018). Incident CTS in a large pooled cohort study: associations obtained by a Job Exposure Matrix versus associations obtained from observed exposures. Occup Environ Med, 75(7), 501-506. | | | |
| 32. | Ott U, Thiese MS, Ronna BB, Hegmann K, Hegmann KT (2018). Opioid use: Case-control analyses of worker's compensation data. J Opioid Manag, 14(4), 273-281. | | | |
| 33. | Drury DL, Adamo P, Cloeren M, Hegmann KT, Martin DW, Levine MJ, Olson SM, Pransky GS, Tacci JA, Thiese M, Ad Hoc Committee on Patient Satisfaction Surveys. (2018). Patient Satisfaction Measurement in Occupational and Environmental Medicine Practice. J Occup Environ Med, 60(5), e227-e231. | | | |
| 34. | Thiese MS, Hanowski RJ, Moffitt G, Kales SN, Porter RJ, Ronna B, Hartenbaum N, Hegmann KT (2018). A retrospective analysis of cardiometabolic health in a large cohort of truck drivers compared to the American working population. Am J Ind Med, 61(2), 103-110. | | | |
| 35. | Kapellusch JM, Silverstein BA, Bao SS, Thiese MS, Merryweather AS, Hegmann KT, Garg A (2018). Risk assessments using the Strain Index and the TLV for HAL, Part II: Multi-task jobs and prevalence of CTS. J Occup Environ Hyg, 15(2), 157-166. | | | |
| 36. | Thiese MS, Merryweather A, Koric A, Ott U, Wood EM, Kapellusch J, Foster J, Garg A, Deckow-Schaefer G, Tomich S, Kendall R, Drury DL, Wertsch J, Hegmann KT (2017). Association between wrist ratio and carpal tunnel syndrome: Effect modification by body mass index. Muscle Nerve, 56(6), 1047-1053. | | | |
| 37. | Kapellusch JM, Bao SS, Silverstein BA, Merryweather AS, Thiese MS, Hegmann KT, Garg A (2017). Risk assessments using the Strain Index and the TLV for HAL, Part I: Task and multi-task job exposure classifications. J Occup Environ Hyg, 14(12), 1011-1019. | | | |
| 38. | Thorsen ML, Handy RG, Sleeth DK, Thiese MS, Riches NO (10/10/2017). A comparison study between previous and current shoreline concentrations of heavy metals at the Great Salt Lake using portable X-ray flourescence analysis. Hum Ecol Risk Assess, 23(9). | | | |
| 39. | Harris JS, Weiss MS, Haas NS, Hegmann KT, Holland JP, Kistner F, Ott U, Hegmann KB, Thiese MS (2017). Methodology for ACOEM's Occupational Medicine Practice Guidelines-2017 Revision. J Occup Environ Med, 59(9), 913-919. | | | |
| 40. | Merryweather AS, Thiese MS, Kapellusch JM, Garg A, Fix DJ, Hegmann KT. (July 2017). Occupational factors related to slips, trips and falls among home health care workers. Saf Sci. | | | |
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| 11. | Arbesman MC, Franzblau A, Freshwater MF, Prezzia CP, Rempel DM, Rollings AJ, Sall RE, Watson RW, Weiss, LD, Werner RA, Panel Chair: Melhorn M. Hand Wrist Forearm Panel: Arbesman MC, Franzblau A, Freshwater MF, Prezzia CP, Rempel DM, Rollings AJ, Sall RE, Watson RW, Weiss, LD, Werner RA. Researchers: Hegmann KT, Hughes MA, Thiese MS, Ott U, Robertson D, Srisukhumbowornchai S, Passey DG, Robbins RB, Effiong A, Kennedy C, Langley T (2009). Chapter 11: Hand, Wrist, Forearm Disorders. In Hegmann KT (Editor-in-Chief), Hughes MA (Assistant Editor-in-Chief) (Eds.), American College of Occupational and Environmental Medicine’s Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 12. | Hegmann KT (Editor-in-Chief), Feinberg SD (Assoc. Ed), Lead Chair: Genovese E. Associate Chairs: Karevaar WC, Mueller KL. Chronic Pain Panel: Aronoff GM, Bruns D, Cole J, Cowen P, Fox CD, Galper J, Glass LS, Haldeman S, Lessenger JE, Mayer TG, Mandel S, Osbahr AJ, Sang C, Travis R, Vallerand AH, Warren PA, Weiss JS, Winters T, Talmage J (Consultant), Harris JS, (Methodology Committee Consultant). Researchers: Hegmann KT, Thiese MS, Edward H, Ott U, Robertson D, Russo R, Srisukhumbowornchai S, Frischknecht M, Ording JA, Turner GE, Machata N. 445 pages, 1557 references (2008). Chronic Pain. In American College of Occupational and Environmental Medicine’s Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 13. | Aronoff GM, Bruns D, Cole J, Cowen P, Fox CD, Galper J, Glass LS, Haldeman S, Lessenger JE, Mayer TG, Mandel S, Osbahr AJ, Sang C, Travis R, Vallerand AH, Warren PA, Weiss JS, Winters T. Lead Chair: Genovese E. Associate Chairs: Korevaar WC, Mueller KL. Chronic Pain Panel: Aronoff GM, Bruns D, Cole J, Cowen P, Fox CD, Galper J, Glass LS, Haldeman S, Lessenger JE, Mayer TG, Mandel S, Osbahr AJ, Sang C, Travis R, Vallerand AH, Warren PA, Weiss JS, Winters T. Talmage J (Consultant), Harris JS (Methodology Committee Consultant). Researchers: Hegmann KT, Thiese MS, Edwards H, Ott U, Robertson D, Russo R, Srisukhumbowornchai S, Frischknecht M, Ording JA, Turner GE, Machata N (2008). Chapter 6: Chronic Pain. In Hegmann KT (Editor-in-Chief), Feinberg SD (Assoc. Ed) (Eds.), American College of Occupational and Environmental Medicine’s Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 14. | Spine Panel: Belcourt RM, Galper J, Genovese E, Goertz M, Lessenger J, Mayer T, Morris S, Mueller K, Richman J, Travis R, Weiss MS, Bono C, Tellin W, Hooper P, Thiese MS, Behrens TK, Dewitt J, Garg A, Porucznik C. Holland JP, Spine Panel: Belcourt RM, Galper J, Genovese E, Goertz M, Lessenger J, Mayer T, Morris S, Mueller K, Richman J, Travis R, Weiss MS, Bono C, Tellin W, Hooper P, Thiese MS, Behrens TK, Dewitt J, Garg A, Porucznik C. Holland JP (Methodology Committee Consultant), Researchers: Hegmann KT, Thiese MS, Edwards H, Ott U, Robertson D, Russo R, Srisukhumbowornchai S, Frischknecht M, Ording JA, Turner GE, Machata N (2008). Chapter 12: Low Back Disorders. In Hegmann KT (Editor-in-Chief), Talmage J (Spine Panel Chair) (Eds.), American College of Occupational and Environmental Medicine’s Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 15. | Hegmann KT (Editor-in-Chief), Talmage JB (Low Back Panel Chair), Low Back Panel: Belcourt RM, Galpher J, Genovese E, Goertz M, Lessenger J, Mayer T, Morris S, Mueller K, Richman J, Travis R, Weiss MS. Panel Consultants: Bono C, Tellin W, Hooper P, Thiese MS, Behrens TK, Dewitt MJ, Garg A, Porucznik C. Researchers: Hegmann KT, Thiese MS, Edwards H, Ott U, Robertson D, Russo R, Srisukhombowornchai S, Frischknecht M, Ording JA, Turner G, Machata N, In Review 470 pages, 1200 references (2007). Chapter 11: Low Back Complaints. In Hegmann KT (Ed.), American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 16. | Belcourt RM, Byrne K, Downs J, Glass LS, Melhorn JM, Richamn J, Sherman BW, Zinni P, bow Panel: Belcourt RM, Byrne K, Downs J, Glass LS, Melhorn JM, Richamn J, Sherman BW, Zinni P. Hegmann KT (Methodology Committee Consultant). Researchers: Hegmann KT, Thiese MS, Oostema S, Ording JA, Frischknecht M, Russo R, Schumann C (2007). Chapter 10: Elbow Complaints. In Hegmann, KT (Editor-in-Chief). Hoffman HE (Elbow Panel Chair) (Eds.), American College of Occupational and Environmental Medicine’s Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 17. | Hegmann KT (Editor-in-Chief), Hoffman HE (Elbow Panel Chair), Elbow Panel: Belcourt RM, Byrne K, Downs J, Glass LS, Melhorn JM, RIchman J, Sherman BW, Zinni P, Hegmann KT (Methodology Committee Consultant), Researchers: Hegmann KT, Thiese MS, Oostema S, Ording JA, Frischknecht M, Russo R, Schumann C. 62 pages, 122 references (2007). Chapter 10: Elbow Complaints. In Hegmann KT (Ed.), American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines (2nd Edition, Update). | | | |
| 18. | Gay C, Thiese MS, Garner E (2003). Geriatric Dermatology. In Stulberg DL (Ed.), Clinics in Family Practice (5(3), pp. 771-90). Philadelpha, PA: Elselvier Press. | | | |
| 19. | Gay C, Thiese MS, Stulberg DL (2003). Malignant Tumors of the Skin in the Maturing Adult. In Stulberg DL (Ed.), Clinics in Family Practice (5(3), pp. 757-70). Philadelpha, PA: Elselvier Press. | | | |
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| **CONFERENCE PROCEEDINGS** | | | | |
| 1. | Hegmann KT, Travis R, Belcourt RM, Donelson R, Eskay-Auerbach M, Galper J, Haldeman S, Hooper PD, Lessenger JE, Mayer T, Mueller KL, Murphy DR, Tellin WG, Thiese MS, Weiss MS (2019). Diagnostic Tests for Low Back Disorders. J Occup Environ Med, United States, 61(4), e155-e168. | | | |
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| **ADDITIONAL PUBLICATIONS** | | | | |
| **Editorials** | | | | |
| 1. | Thiese MS, Thatcher A, Cheng M (2018). Biostatistical resources in an academic medical center. 10(7), 4678-4681. | | | |
| 2. | Thiese MS, Walker S, Lindsey J (2017). Truths, lies, and statistics. J Thorac Dis, 9(10), 4117-4124. | | | |
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| **Letters** | | | | |
| 1. | Thiese MS, Hegmann KT, Weames GG, Page GB (2021). Concerns re Landsbergis et al: Occupational risk factors for musculoskeletal disorders among railroad maintenance-of-way workers. [Letter to the editor]. Am J Ind Med, 64(8), 714-716. | | | |
| 2. | Kagabo R, Okuyemi K, Eden E, Kapellusch J, Murtaugh MA, Hegmann KT, Thiese MS (2020). Psychosocial Factors and Tobacco Use among Commercial Truck Drivers. [Letter to the editor]. J Occup Environ Med, 62(12), e774. | | | |
| 3. | Hegmann KT, Thiese MS, Doxey R (2019). Reply to Franzblau et al. [Letter to the editor]. J Occup Environ Med, 61(6), e302-e303. | | | |
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| **ORAL PRESENTATIONS** | | | | |
| **Keynote/Plenary Lectures** | | | | |
| International | | | | |
| 2016 | | 96th Annual Transportation Research Board Federal Motor Carrier Safety Administration Presentation | | |
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| Local/Regional | | | | |
| 2019 | | Keynote Presentation titled "Implementing the Movement to Improve Well-Being in the Utah Legal Profession" as part of the Utah Courts task force on improving well being in the legal profession. | | |
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| **Meeting Presentations** | | | | |
| International | | | | |
| 2016 | | 96th Annual Transportation Research Board Truck and Bus Wellness Subcommittee Meeting | | |
| 2013 | | Garg A, Kapellusch J, Hegmann KT, Thiese MS, Merryweather A. Exposure-response Relationships between Biomechanical Stressors and Incidence of Carpal Tunnel Syndrome and Lateral Epicondylitis. Presented at the Eighth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. Busan, Korea. July 9, 2013. Premus 2013;76. | | |
| 2013 | | Hegmann KT, Thiese MS, Garg A, Kapellusch J. The Relationship between Psychosocial Factors and CTS. Presented at the Eighth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. Busan, Korea. July 9, 2013. Premus 2013;75. | | |
| 2013 | | Garg A, Boda S, Kapellusch J, Hegmann KT, Thiese MS, Merryweather A. Individual, Psychosocial and Job Physical Risk FActors for Low-back Pain: Results from a 3-year Prospective cohort Study. Presented at the Eighth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. Busan, Korea. July 9, 2013. Premus 2013;83. | | |
| 2004 - Present | | Hegmann KT, Thiese MS, Garg A, Moore JS. Health Outcomes Assessments in Epidemiological Studies of Musculoskeletal Disorders. Presented at the Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Zurich, Switzerland. Premus 2004;159-160 | | |
| 2004 - Present | | Hegmann KT, Thiese MS, Garg A. Biases and Confounders in Musculoskeletal Disorders. Presented at the Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders. ETH Zurich, Zurich, Switzerland. Premus 2004; 161-162 | | |
| 2004 | | Thiese MS, Hegmann KT, Garg A. Prevalence of Lateral Epicondylitis and Physical Examination Findings in a Cohort at Baseline. Fifth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders, Zurich, Switzerland | | |
| 2003 - Present | | Hegmann KT, Garg A, Wertsch J, Thiese MS, Wendelboe A, Thompson C. Back, Neck and Shoulder Pain in Home Health Care Workers. Presented at the Triennial Congress of the International Ergonomics Association and the 7th Joint Conference of Ergonomics Society of Korea/Japan Ergonomics Society, Seoul, Korea Proceedings of the XVth Triennial Congress of the International Ergonomics Association and the 7th Joint Conference of Ergonomics Society of Korea/Japan Ergonomics Society, 1-4 | | |
| 2003 | | Garg A, Hegmann KT, Thiese MS. In-Home Assessments of Manual Patient Transfers. Presented at the Trienniakl Congress of the International Ergonomics Association and the 7th Joint Conference of Ergonomics Society of Korea/Japan Ergonomics Society. Seoul, Korea. Proceedings of the XVth Triennial Congress of the International Ergonomics Association and the 7th Joint Conference of Ergonomics Society of Korea/Japan Ergonomics Society, 1-4 | | |
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| National | | | | |
| 2014 | | "A comparison of the Closed-face casette at different orientations" | | |
| 2014 | | The Amercian College of Occupational and Environmental Medicine Guidelines and the Official Disability Guidelines Treatment in Workers Co mp: A comparison of Evidence-Based Methodology | | |
| 2014 | | "Turning the Weight Loss WHEEL(s) with Commercial Tuck Drivers | | |
| 2004 | | Thiese MS, Hegmann KT, Garg A. Prevalence of Median Nerve Related Symptoms and Signs in a Cohort at Baseline. Industrial Hygiene Association Utah Chapter Quarterly Meeting | | |
| 2003 | | Thiese MS, Hegmann KT, Garg A, Kapellusch J, Alder SC, Wendelboe A. A cross sectional analysis of musculoskeletal disorders in home healthcare workers. Society for Epidemiologic Research, Atlanta Georgia | | |
|  |  |  |  |  |
| Local/Regional | | | | |
| 2010 - Present | | Perkins T, Pahler L, Larson RR, Thiese MS,. Real-Time monitoring of hexavalent chromium in welding operations using a Haz-Dust environmental aerosol air monitoring instrument. 8th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Salt Lake City, Utah: NIOSH, Rocky Mountain Center for Occ. & Env. Health, and U of U Dept. of Mechanical Engineering. | | |
| 2010 - Present | | Storrs J, Larson RR, Johnson WP, Fernandez DP, Pahler L, Thiese MS. Solobility of beryllium, aluminum, and silicon from beryllium ores in stimulated lung fluid. 8th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Salt Lake City, UT: NIOSH, Rocky Mountain Center for Occ. & Env. Health. and U of U Dept. of Mechanical Engineering. | | |
| 2010 - Present | | Sterzer B, Pahler L, Larson RR, Thiese MS. Monitoring chromium VI concentrations in stainless steel welding fumes using a TSI 852 DustTrak Real-Time aerosol instrument. 8th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Salt Lake City, Utah: NIOSH, Rocky Mountain Center for Occ. & Env. Health and U of Y Dept. of Mechanical Engineering. | | |
| 2007 - Present | | Wood EM, Hegmann KT, Murtaugh M, Thies MS. Lifestyle Risk Factors in Commerical Drivers. Proceedings of the 5th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium Bloswick DS, Hegmann KT, Sesek RF (Eds,). pp 155-164. | | |
| 2007 - Present | | Thiese MS, Hegmann KT, Garg A, Moor S, Merryweather AS, Kapellusch J, Vos G, Wood E, Holmes E, Deckow-Schaefer G, Drury D, Foster J, Bloswick DS, Schuller M, Milholland S, Groth G, Sesek R. Low Back Pain and Associated Personal Factors at Baseline of a Cohort Study. Proceeding of the 5th Annual Regional National Occupational Research Agedna (NORA) Young/New Investigators Symposium Bloswick DS, Hegmann KT, Sesek RF (Eds.). Salt Lake City, UT pp 135-140 | | |
| 2007 | | Thiese MS, Patton S. Occupational Health Related Costs and Cost Potential in a Garage Door Manufacturing Loading Dock. 5th Annual Regional National Occupational Research Agenda Young/New Investigators Symposium. Salt Lake City, Utah | | |
| 2007 | | Thiese MS. Individual Factors Associated Personal Factors at Baseline of a Cohort Study. 5th Annual Regional National Occupational Research Agenda Young/New Investigators Symposium. Salt Lake City, Utah | | |
| 2007 | | Thiese MS, Hegmann KT, Garg A, Wertsch JJ, Wood EM, Kapellush J, Deckow-Schaefer G, Foster J, Drury D, Groth G, Bloswick DS, Sesek RF, Holmes EB. Causal analyses for Lateral and Medial Epicondylalgia. State-of-the-art Conference on Musculoskeletal Disorders. Salt Lake City, Utah | | |
| 2006 | | Thiese MS, Hegmann KT, Garg A, Wertsch JJ, Wood EM, Kapellush J, Deckow-Schaefer G, Foster J, Drury D, Groth G, Bloswick DS, Sesek RF. Baseline Factors Associated with a Case Definition of Carpal Tunnel Syndrome in a Working Population. 2006 Brouha Symposium: Evidence Based Ergonomics, the Epidemiology of Ergonomics. Salt Lake City, Utah | | |
| 2006 - Present | | Thobe SC, Thiese MS, Hegmann KT. Non-Occupational Physical Activity and the Prevalence of Low Back Pain in an Industrial Population. Proceedings of the 4th Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Bloswick DS< Hegmann KT, Sesek RF (Eds.). Salt Lake City, UT 127-132. | | |
| 2005 - Present | | Chang KY, Thiese MS, Hegmann KT, Garg A. Utility of Paresthesias in DifferentCombinations of Digits to Predict Carpal Tunnel Syndrome and Nerve Conduction Abnormality. Proceedings of the 3rd Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Bloswick DS, Hegmann KT, Lillquist DR, Sesek RF (Eds). Salt Lake City, UT. pp 19-24 | | |
| 2005 - Present | | Edwards H. Thiese MS, Hegmann KT. Associations between Family History of Carpal Tunnel Syndrome and Abnormal Median Nerve Conduction with and without Symptoms of Carpal Tunnel Syndrome. Proceeding of the 3rd Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Bloswick DS, Hegmann KT, Lillquist DR, Sesek RF (Eds). Salt Lake City, UT. pp. 33-44 | | |
| 2005 - Present | | Wood EM, Hegmann KT, Thiese MS, Oostema SJ. Attitudes, Knowledge and Preparedness of Use of Respiratory Portection among Physicians in Training. Proceedings of the 3rd Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Bloswick DS, Hegmann KT, Lillquist DR, Sesek RF (Eds). Salt Lake City, UT pp. 109-116 | | |
| 2004 - Present | | Kaufman LR, Thiese MS< Hegmann KT. Sensitivity and Specificity of Symptoms and Provocative Tests in Diagnosing Median Nerve Neuropathy in Dominant Hands Confirmed by Nerve Conduction Testing. Proceedings of the 2nd Annual Regional National Occupational Research Agenda (NORA) Young/New Symposium. BLoswick DS, Hegmann KT, Lillquist DR, Sesek RF (Eds). Salt Lake City, UT. pp 101-108 | | |
| 2004 - Present | | Ellis EA, Bloswick DS, Sesek RF, Mann C, Thiese MS, Hegmann KT. The Effect of Pinch Grip on Upper Extremity Cumulative Trauma Disorders in Female Garment Workers. Proceedings of the 2nd Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Bloswick DS, Hegmann KT, Lillquist DR, Sesek RF (Eds). Salt Lake City, UT. pp. 47-66 | | |
| 2003 | | Wood EM, Hegmann KT, Garg A, Alder SC, Thiese MS, Thompson C. Back, Neck and Shoulder Pain in Home Halthcare Workers. Proceedings of the 1st Annual Regional National Occupational Research Agenda (NORA) Young/New Investigators Symposium. Bloswick DS, Hegmann KT, Lillquist DR, Sesek RF (Eds). Salt Lake City, UT. --247-253 | | |
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| **Invited/Visiting Professor Presentations** | | | | |
| International | | | | |
| 2015 | | Thiese MS, Moffitt G, Hanowski RJ, Kales SN, Porter RJ, Hegmann KT. Obesity and the commercial driver medical exam: relationships and certification length. Presented at the 94th Annual Transportation Research Board, Truck and Bus Health and Wellness Subcommittee, Jan 11-15, 2015. Washington DC. USA. | | |
| 2013 | | Thiese MS, Hegmann KT, Garg, A, Personal and Psychosocial Factors Associated with Self Repoted Crashes or Near Misses Among Truckers, Transportation Research Board Annual Meeting, Washington DC. | | |
| 2010 | | Thiese MS, Hegmann KT, Garg A, Porucznik C, Behrens T, DeWitt JM. The Preventive Relationship Between Physical Activity and Low Back Pain in an Occupational Cohort. American Public Health Association Conference, Denver Colorado, | | |
| 2010 | | Merryweather A, Thiese MS, Hegmann KT, Wood EM, Garg A, Commercial Truck Driver Mounting/Dismounting Behavior Related to Falls International Conference on Commercial Driver Health and Wellness, Baltimore MD | | |
| 2010 | | Murtaugh MA, Thiese MS, Wood EM, Hegmann KT, Health Profile of Challenges and Opportunities in Addressing Diet, Obesity and Chronic Disease in Commercial Drivers (in press) International Conference on Commercial Driver Health and Wellness, Baltimore MD | | |
| 2010 | | Wood EM, Hegmann KT, Murtaugh MA, Thiese MS, Health Profile of Commercial Drivers International Conference on Commercial Driver Health and Wellness, Baltimore MD | | |
| 2010 | | Thiese MS, , Hegmann KT, Robbins R, Garg A, Wood EM, Health Relationships between personal factors and obesity in a cross-sectional study of drivers International Conference on Commercial Driver Health and Wellness, Baltimore MD | | |
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| Local/Regional | | | | |
| 2015 | | Opioid guideline presentation to Western Occupational and Environmental Medical Association | | |
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| **Outreach Presentations** | | | | |
| 2019 | | Presented research findings to interested community members. | | |
| 2015 | | Entity: Fox 13 News Role: Interviewee Interveiw about a recent publication evaluating factors associated with crashes among truck drivers. | | |
| 2015 | | Entity: KSL Radio Role: Interviewee Interview about a recent publication outlining commercial driver health and safety. | | |
| 2010 | | Entity: SIRIUS Satelite Radio Role: Interviewee Interview on Sirius XM Trucking News regarding truck driver health study. | | |
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| **OTHER SCHOLARLY ACTIVITIES** | | | | |
| **Additional Research/Scholarship Contributions** | | | | |
| 2014 | | Article about obesity and commercial driver medical exams published in the November 2014 issue of the Utah Trucking Magazine. | | |
| 2011 | | Teleconference with Caterpillar Medical/Safety team about physical activity and the prevention of LBP | | |
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| Thiese, Page 1 | | | | |