

Curriculum Vitae

PERSONAL DATA

Name: Jeremy J. Biggs, M.D., M.S.P.H.

Citizenship: United States

EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2008 - 2009	Resident	University of Utah School of Medicine (Occupational Medicine) Salt Lake City, UT
2006 - 2007	Intern	LDS Hospital Salt Lake City, UT
2002 - 2006	M.D.	University of Utah School of Medicine (Medicine) Salt Lake City, UT
1997 - 2002	M.S.P.H.	University of Utah (Public Health) Salt Lake City, UT
1997 - 2000	B.S.	University of Utah Salt Lake City, UT

BOARD CERTIFICATIONS

01/01/2010 - Present American Board of Preventive Medicine (Occupational Medicine), Certified

UNIVERSITY OF UTAH ACADEMIC HISTORY

Occupational and Environmental Health, 07/01/2024 - Present

07/01/2024 - Present Associate Professor (Clinical)

Family & Preventive Medicine (Occupational and Environmental Health), 07/01/2009 - 06/30/2024

07/01/2020 - 06/30/2024 Associate Professor (Clinical)

07/01/2012 - 06/30/2020 Assistant Professor (Clinical)

07/01/2009 - 06/30/2012 Instructor (Clinical)

PROFESSIONAL EXPERIENCE

Full-Time Positions

2021 - Present Associate Professor, Division Chief, University of Utah, Salt Lake City, UT

2012 - 2018 Medical Director Occupational Medicine Clinic, University of Utah, Salt Lake City, UT

2009 - Present Assistant Professor, University of Utah, Salt Lake City, UT

2001 - 2006 2001-2006 Research Assistant, National Cancer Institute, Salt Lake City, UT

Part-Time Positions

2018 - Present Medical Director, University of Utah Community Physicians Group, Salt Lake City, UT

2017 - Present Review Medical Officer, Federal Occupational Health, Salt Lake City, UT

2016 - Present Medical Director, Main Campus Employee Clinic, University of Utah, Salt Lake City, UT

- 2014 - Present Medical Director, Hospital Work Wellness Clinic, University of Utah, Salt Lake City, UT
- 2014 - 2023 Medical Director, Adjudication Division, Labor Commission State of Utah, SLC, UT
- 2013 - Present Miner's Clinic, University of Utah, Salt Lake City, UT

Editorial Experience

- 2010 - Present Assistant Editor in Chief for ACOEM Practice Guidelines

SITE VISITS

- 2020 - Present Discussion of COVID testing of employees and controls to protect employees.
- 2020 - Present Site visits to various entities in relation to transition back to work in the COVID19 pandemic. Looking at engineering controls, administrative controls and PPE.
- 2016 Site visit SKF, to monitor for high risk tasks and light duty work positions
- 2015 Health and Safety Presentation for First Responders, EMS/Firefighters, Wasatch Front, Utah
- 2015 Health and Safety Evaluation of XP Solutions Division of Cardino Corporation. Brisbane, AUS
- 2014 Medical Causation in Workplace Illness, Salt Lake City, UT
- 2013 Unified Fire Authority of Utah- to help with health and safety and policy development

SCHOLASTIC HONORS

- 2021 - Present DNV 2021 Healthcare Symposium Innovation of the Year Award Finalist for work on PPE during COVID-19 Pandemic.
- 2020 - Present Dr. Jeremy Biggs MD MSPH FACOEM employed innovative ideas in PPE and environmental controls to protect the University of Utah Health hospital and clinic employees from contracting COVID.

ADMINISTRATIVE EXPERIENCE

Administrative Duties

- 2021 - 2022 University of Utah CORE Lab COVID testing Medical Director. Help apply for EUA status of the novel PCR testing procedures and help run testing/lab procedures.
- 2021 - Present Occupational and Environmental Health Division Chief
- 2021 - 2022 ACOEM Medical Center for Occupational Health, Vice Chair for Education:
- 2020 - Present Occupational Health Medical Software Program Development. Work with software developers to write an academic health center occupational health medical database software program.
- 2020 - Present Occupational Health Director for University of Utah. Work with Environmental Health and Safety to develop and implement an Employee Health program for University of Utah Employees and Students.

- 2020 - 2023 University of Hospital and Clinics PPE Czar for COVID19 response. Working with Hospital and Clinics administration on tracking, sourcing, and developing occupational health and safety options to keep our employees safe. Dr. Biggs is working with the executive team for University of Utah Hospital and Clinics on keeping health care providers safe during the COVID19 pandemic also by working with teams on engineering and administrative controls. This includes working with the Center for Medical Innovation on emergency use PAPRs, exhalation port filters, PAPR hoods, 3-D printed masks, and aerosol containing devices.
- 2020 - 2022 Worked with University of Utah Health leadership team during the COVID19 crisis. My main role was employee health and safety in terms of various exposures, but mainly focusing on PPE supply, use, and development.
- 2012 - 2017 President of the Rocky Mountain Academy. I have been the Vice President, President Elec and President. To help with issues concerning occupational medicine in the western US. Help plan and run an annual symposium on occupational medicine practice. Help develop and write policy statements for the practice of occupational medicine.

Symposium/Meeting Chair/Coordinator

- 2014 - 2015 Rocky Mountain Academy Annual Meeting- President, Denver Colorado. In charge of coordination, planning, CME accreditation for 2015 Annual Meeting
- 2014 Rocky Mountain Academy Annual Meeting, President Elect, Denver Colorado
- 2013 Rocky Mountain Academy Annual Meeting. Vice President, Denver Colorado

PROFESSIONAL COMMUNITY ACTIVITIES

- 2019 Appointed Committee Member, State of Utah, Utah Workplace Safety. Work with community and legislators on promoting workplace safety.
- 2018 - 2019 Appointed Committee Member, State of Utah, Utah Workplace Safety Committee. Work with industry leaders, Senator Karen Mayne and Representative Greg Hughes to promote workplace safety by organizing and presenting at conferences. Organized public service employee participation.
- 2003 - 2006 Primary Organizer & Coordinator, Truth For Youth, Started and organized a school wide program where we as medical students went to local public and private schools of all grade levels to teach the consequences of smoking and other tobacco products. Helped youth enter the state and national Truth For Youth ad campaign competition

UNIVERSITY COMMUNITY ACTIVITIES

University Level

- 2020 Committee Member, University Safety Committee, Look at and recommend engineering and administrative controls for the Pedestrian Safety Committee.
- 2016 - Present Committee Member, Institutional Biosafety Committee, Serve as the Occupational Health specialist for University of Utah IBC Committee. Review all protocols and make recommendations for health and safety. Work on travel medicine topics for researchers.
- 2016 - Present Medical Advisor, Institutional Animal Care and Use Committee, IACUC Medical Advisor of Occupational Health risks and exposures in University personnel. Work on protocol development and medical surveillance.

2011 Committee Member, University of Utah Campus, Faculty Committee on Community and Government Relations

University of Utah Health

2017 - 2018 Member & Advisor, Health Sciences Center, Employer Facing Group. A group of University Health Care Professionals to help develop and implement strategies on how to provide services to local and regional employers.

2015 - Present Member, Health Sciences Center, Chartered Committee to develop Health, Safety and Wellness programs.

2015 - Present Member, University of Utah Community Clinics, Plan clinical operations for Occupational Medicine in Community Clinics

2015 - 2016 Participant, University of Utah Hospitals and Clinics, Health Plans P&T Committee clinical outreach

College Level

2016 - 2017 Member, School of Medicine, Work on new interdepartmental cooperation and organization in teaching for the School of Medicine.

Department Level

2015 Committee Member & Division Representative, Family and Preventive Medicine, Representative of the Occupational Medicine Division for Clinical Operations.

ADDITIONAL SERVICE CONTRIBUTIONS

2020 - Present ACOEM - Medical Center for Occupational Health Section. Vice Chair for Educations

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American College of Occupational and Environmental Medicine

FUNDING

Past Grants

09/01/21 - 06/30/22 Development of a health-care centric re-usable respirator
National Institute of Occupational Safety and Health of the National Institutes of Health
Role: Co-Investigator

10/01/11 - 06/30/12 Apple Ipad Injury Assessment
Principal Investigator(s): Jeremy J. Biggs
University of Colorado Denver
Role: Principal Investigator

10/01/08 - 07/01/09 Assessment of Cancer Wellness Program in Return to Work
Resident Research Project
Principal Investigator(s): Jeremy J. Biggs
Huntsman Cancer Institute
Role: Principal Investigator

10/01/08 - 07/01/09 Epidemiology of Prescription Drug Overdose in Utah Populations
Utah Department of Health
Role: Resident

06/01/07 - 07/01/08 Injury Surveillance Project for Ski and Snowboarding Injuries
University of Utah Department of Family & Preventive Medicine
Role: Resident

06/01/05 - 07/01/06 Cross-education following unilateral coordination training
Principal Investigator(s): Jeremy J. Biggs; Stuart E. Willick
University of Utah Department of Family & Preventive Medicine
Role: Principal Investigator

05/01/04 - 11/01/04 P-3
National Cancer Institute
National Surgical Adjuvant Breast and Bowel Project
Role: Proposal Writer & Research Assistant

06/01/02 - 06/01/03 The Cognitive effects of the STAR Trial (Co-STAR) Trial
National Cancer Institute
National Surgical Adjuvant Breast and Bowel Project
Role: Proposal Writer & Co-Coordinator

11/01/01 - 03/01/03 Subject Participation rates as Functions of Fiscal Incentives, Age, Gender, Travel
Distance, and Employment Status (#N01-CN25524)
National Cancer Institute
Role: Graduate Research Assistant

11/01/01 - 09/01/02 The Study of Tamoxifen and Reloxifene (STAR) Trial
National Cancer Institute
National Surgical Adjuvant Breast and Bowel Project
Role: Study Coordinator

11/01/01 - 03/01/02 Bioterrorism Surveillance During the 2002 Winter Olympics Using Electronic
Medical Records (#02905-7)
Thrasher Research Fund
Role: Graduate Research Assistant

08/01/01 - 08/01/02 Disease Surveillance in the University of Utah Community Clinics
National Center for Health Services Research
Role: Graduate Research Assistant

04/01/01 - 05/01/02 Brain Cancer Cluster Investigation
Davis County Health Department
Role: Interim County Epidemiologist

01/01/01 - 12/31/01 Relationships Between body Mass Indices and Surgical Replacements of Knee and
Hip Joints. Literature Review and Statistical Analysis using SPSS 5.0
University of Utah Department of Family & Preventive Medicine
Role: Literature Reviewer & Statistical Analyst

05/01/99 - 06/01/01 Role of Frizzled genes in nervous stem cell development
Biology grant
University of Utah
Role: Undergraduate/Graduate Research Assistant

04/01/99 - 12/31/99 Summer/Fall Research Grant, Undergraduate Biology
University of Utah
Role: Undergraduate Research Assistant

CLINICAL STUDIES

2022 - Present The overall goal of this study is to reduce environmental contamination and exposures to respiratory pathogens of U.S. military service members, including healthcare personnel and patients, to respiratory pathogens.

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Courses Directed

2009 - Present Course Director and Co-course director. Advanced Topics in Occupational and Environmental Health for Medical Residents

2010 - 2013 Course Director- Behavioral and Clinical Aspects of Occupational Injuries and Diseases. FPMD-6703

Course Lectures

2025 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6702: Adv Topics-Occ/Env, 3 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, College of Health

2025 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6957: Independent Study, 0 students, University of Utah, College of Health

2025 PI, OEHS 7975: Independent Study, 0 students, University of Utah, College of Health

2025 PI, OEHS 6752: Intro Ind Env Tox Phys, 2 students, University of Utah, S. F. E. School of Medicine

2025 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6752: Intro Ind Env Tox Phys, 0 students, University of Utah, S. F. E. School of Medicine

2025 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 6752: Intro Ind Env Tox Phys, 22 students, University of Utah, S. F. E. School of Medicine

2024 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6702: Adv Topics-Occ/Env, 6 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6702: Adv Topics-Occ/Env, 5 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2022 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6910: Project Research, 2 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6702: Adv Topics-Occ/Env, 3 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

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2021 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

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2021 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7980: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, S. F. E. School of Medicine

2021 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6702: Adv Topics-Occ/Env, 5 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6910: Project Research, 0 students, University of Utah, School of Medicine

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2020 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2020 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 6957: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 7975: Independent Study, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 6910: Project Research, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 6953: Read in Occ Health, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 7977: Dissertation, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 6702: Adv Topics-Occ/Env, 3 students, University of Utah, S. F. E. School of Medicine

2019 PI, OEHS 6911: Thesis Research, 0 students, University of Utah, S. F. E. School of Medicine

2019 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2019 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2019 PI, OEHS 6957: Independent Study, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 7977: Dissertation, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6702: Adv Topics-Occ/Env, 5 students, University of Utah, School of Medicine

2018 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6910: Project Research, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 7975: Independent Study, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6957: Independent Study, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6957: Independent Study, 1 student, University of Utah, School of Medicine

2018 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2018 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 7975: Independent Study, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 6910: Project Research, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 6957: Independent Study, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2017 PI, OEHS 6702: Adv Topics-Occ/Env, 4 students, University of Utah, School of Medicine

2017 PI, OEHS 7977: Dissertation, 0 students, University of Utah, School of Medicine

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

2017 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2017 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2017 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2017 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2017 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2017 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2016 Unknown, Metabolism and Reproduction - EBM Small Groups, University of Utah, Family and Preventive Medicine, EBM Small Groups

2016 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6910: Project Research, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6702: Adv Topics-Occ/Env, 4 students, University of Utah, School of Medicine

2016 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2016 Facilitator, Host and Defense - H&D EBM Small Groups, University of Utah, Family and Preventive Medicine, H&D EBM Small Groups

2016 Facilitator, Skin, Muscle, Bone and Joint - EBM Small Groups, University of Utah, Family and Preventive Medicine, EBM Small Groups

2016 Facilitator, Brain and Behavior - EBM Small Groups- Guidelines and Relevant Biostatistics, University of Utah, Family and Preventive Medicine, EBM Small Groups- Guidelines and Relevant Biostatistics

2016 Facilitator, Molecules, Cells, and Cancer - MCC EBM Small Groups, University of Utah, Family and Preventive Medicine, MCC EBM Small Groups

2016 Facilitator, Molecules, Cells, and Cancer - MCC EBM Small Groups, University of Utah, Family and Preventive Medicine, MCC EBM Small Groups

2016 Facilitator, Molecules, Cells, and Cancer - EBM Small Groups Data Acquisition, University of Utah, Family and Preventive Medicine, EBM Small Groups Data Acquisition

2016 PI, FP MD 7977, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6705, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 7975, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6987, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 6957, 0 students, University of Utah, School of Medicine

2016 PI, FP MD 7987, 0 students, University of Utah, School of Medicine

2015 Facilitator, Circulation, Respiration, and Regulation - EBM Small Groups Appraising Content: Harm Studi, University of Utah, Family and Preventive Medicine, EBM Small Groups Appraising Content: Harm Studies - Julie Shakib

2015 Facilitator, Foundations of Medicine - Evidence Based Medicine: Appraising Study Content - Julie Shakib, University of Utah, Family and Preventive Medicine, Evidence Based Medicine: Appraising Study Content - Julie Shakib

2015 Facilitator, Foundations of Medicine - Evidence Based Medicine Small Groups: PICO Questions - Julie Sh, University of Utah, Family and Preventive Medicine, Evidence Based Medicine Small Groups: PICO Questions - Julie Shakib

2015 Facilitator, Metabolism and Reproduction - Evidence Based Medicine Small Groups, University of Utah, Family and Preventive Medicine, Evidence Based Medicine Small Groups

2015 Facilitator, Foundations of Medicine - Introduction to Biomedical Informatics, HR Systems and Electroni, University of Utah, Family and Preventive Medicine, Introduction to Biomedical Informatics, HR Systems and Electronic Resources

2015 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6702: Adv. Topics-Occ/Env 1, 6 students, University of Utah, School of Medicine

2015 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6910: Project Research, 0 students, University of Utah, School of Medicine

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

2015 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2015 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

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 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 - 2015 Instructor- Small Groups, FP MD 6052: Evidence-Based Med II, 44 students, University of Utah, Family and Preventive Medicine

2014 Facilitator, Clinical Medicine - CMC III: EBM Small Group 1, University of Utah, Family and Preventive Medicine, CMC III: EBM Small Group 1

2014 PI, FP MD 6702: Adv. Topics-Occ/Env 1, 4 students, University of Utah, School of Medicine

2014 PI, FP MD 6910: Project Research, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2014 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6910: Project Research, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6702: Adv. Topics-Occ/Env 1, 6 students, University of Utah, School of Medicine

2013 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2013 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6957: Independent Study, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6910: Project Research, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6703: Clin Beh Asp Occ InjDis, 4 students, University of Utah, School of Medicine

2012 PI, FP MD 7987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6953: Read in Occ Health, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 7975: Independent Study, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6987: Faculty Consultation, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 7977: Dissertation, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6911: Thesis Research, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6954: Independent Study, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6705: Occ & Env. Medicine, 0 students, University of Utah, School of Medicine

2012 PI, FP MD 6702: Adv Topics-Occ/Env, 10 students, University of Utah, School of Medicine

2009 Instructor, FP MD: Occupational Injury and Disease, University of Utah, Family and Preventive Medicine

2009 - 2010 Instructor, FP MD 6702: Adv Topics-Occ/Env, 5 students, University of Utah, Family and Preventive Medicine

2003 Instructor, MD ID 7020-3: Small Group 4, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 4

2003 Instructor, MD ID 7020-3: Small Group 3, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 3

2003 Instructor, MD ID 7020-3: Small Group 4, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 4

2003 Instructor, MD ID 7020-3: Small Group 3, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 3

2003 Instructor, MD ID 7020-3: Small Group 4, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 4

2003 Instructor, MD ID 7020-3: Small Group 3, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 3

2003 Instructor, MD ID 7020-3: Small Group 4, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 4

2003 Instructor, MD ID 7020-3: Small Group 3, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 3

2003 Instructor, MD ID 7020-3: Mid-Term Test Review Small Group 1-6 (Gren & Biggs), Office of the Dean/Medicine, MDID 7020: Science of Medicine - Mid-Term Test Review Small Group 1-6 (Gren & Biggs)

2003 Instructor, MD ID 7020-3: Small Group I-VI Mock Test Review, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group I-VI Mock Test Review

- 2003 Instructor, MD ID 7020-3: Small Group 4, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 4
- 2003 Instructor, MD ID 7020-3: Small Group 3, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 3
- 2003 Instructor, MD ID 7020-3: Small Group 4, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 4
- 2003 Instructor, MD ID 7020-3: Small Group 3, Office of the Dean/Medicine, MDID 7020: Science of Medicine - Small Group 3

Clinical Teaching

- 2012 - Present Clinical Occupational Medicine Administration Rotation for Occupational Medicine Residents.

Mentoring/Advising

Resident

- 2009 - Present Attending, University of Utah

Graduate Student Committees

- 2022 - Present Member, Walaa Abdelmoaty, University of Utah
- 2022 - Present Master of Science of Occupational Health Committee, Quinn Strenn, University of Utah
- 2022 - Present Member, Karl Nielson, University of Utah
- 2021 - 2022 Master of Science of Occupational Health Committee, University of Utah
- 2019 - Present Member, Uchenna Ogbonnaya, University of Utah
- 2019 - Present PhD committee member, Olsoe Obuhoro, University of Utah

Didactic Lectures

- 2014 - Present How to evaluate medical causation and prepare written opinions

PEER-REVIEWED JOURNAL ARTICLES

1. Rachael M. Jones PhD, Niles Andrus MS, Thomas Dominguez MS, Jeremy Biggs MD, Brian Hansen MS, Frank A. Drews PhD (2022). Aerosol containment device design considerations and performance evaluation metrics, *American Journal of Emergency Medicine* (2022),. *Am J Emerg Med*.
2. Litow, Francesca K. MD, MPH, Lee Petsonk, Edward MD, CM, Bohnker, Bruce K. MD, MPH, Brodtkin, Carl A. MD, MPH, Cowl, Clayton T. MD, MS, Guidotti, Tee L. MD, MPH, Harber, Philip MD, MPH, Biggs, Jeremy J. MD, MSPH, Hegmann, Kurt T. MD, MPH (November 2015). Occupational Interstitial Lung Diseases. *J Occup Environ Med*, 57(11), 1250-1254.
3. Litow FK, Petsonk EL, Bohnker BK, Brodtkin CA, Cowl CT, Guidotti TL, Harber P, **Biggs JJ**, Hegmann KT (2015). Occupational Interstitial Lung Diseases. *J Occup Environ Med*, 57(11), 1250-4.
4. Jolly AT, Kells JE, Pacheco KA, Guidotti TL, Kpen HM, **Biggs JJ**, Hyman KH, Bohnker BK, Thiese, MS, Hegmann KT, Harber P (October 2015). Work-Related Asthma. *J Occup Environ Med*, 57(10), 121-9.
5. Jolly AT, Klees JE, Pacheco KA, Guidotti TL, Kipen HM, **Biggs JJ**, Hyman MH, Bohnker BK,

- Thiese MS, Hegmann KT, Harber P (2015). Work-Related Asthma. *J Occup Environ Med*, 57(10), e121-9.
6. Thiese MS, Hegmann KT, Wood EM, Garg A, Moore JS, Kapellusch JM, Foster J, Greene T, Stoddard G, **Biggs J** (2014). Low-back pain ratings for lifetime, 1-month period, and point prevalences in a large occupational population. *Hum Factors*, 56(1), 86-97.
 7. Hegmann KT, Thiese MS, Wood EM, Garg A, Kapellusch JM, Foster J, **Biggs J**, Edwards H, Wertsch J, Kendall R (2014). Impacts of differences in epidemiological case definitions on prevalence for upper-extremity musculoskeletal disorders. *Hum Factors*, 56(1), 191-202.
 8. Thiese MS, Hegmann KT, Wood EM..., **Biggs JJ** (01/2013). Impacts of Differences in Epidemiological Case Definitions on Prevalence for Upper-Extremity Musculoskeletal Disorders. *Hum Factors Ergon Manuf*.
 9. Thiese MS, Hughes M, **Biggs J** (2013). Electrical stimulation for chronic non-specific low back pain in a working-age population: a 12-week double blinded randomized controlled trial. *BMC Musculoskelet Disord*, 14, 117.
 10. Hughes MA, **Biggs JJ**, Thiese MS (09/2011). Recommended Opioid Prescribing Practices for Use in Chronic Non-Malignant Pain: A Systematic Review of Treatment Guidelines. *J Manag Care Med*, 14(3).
 11. Wendelboe AM, Hegmann KT, **Biggs JJ**, Cox CM, Portmann AJ, Gildea JH, Gren LH, Lyon JL (2003). Relationships between body mass indices and surgical replacements of knee and hip joints. *Am J Prev Med*, 25(4), 290-5.
 12. Stark MR, **Biggs JJ**, Schoenwolf GC, Rao MS (2000). Characterization of avian frizzled genes in cranial placode development. *Mech Dev*, 93(1-2), 195-200.

REVIEW ARTICLES

1. **Biggs JJ** (2021). American Academy of Orthopaedic Surgeons Appropriate Use Criteria for the Treatment of Distal Radius Fractures <https://www.aaos.org/drfauc> Published October 18, 2021. [Review].

BOOKS

1. Hegmann KT, Hughes MA, **Biggs JJ**, Klees JE, Milek D, Ratliff DM, Regan L (2017). *Initial Approach to Treatment* (3rd Edition). ACOEM.

BOOK CHAPTERS

1. **Biggs JJ** (2022). Travel Medicine: Pretravel Prevention Travel Medicine: Pretravel Prevention—Organizational Context. In Harber P, Baker B, Russi M. (Eds.), *Occupational Health for Higher Education and Research Institutions* (1, (1st Edition)p. 433). OEM Press.
2. Baker, Beth; Bannister, Emily; Biggs, Jeremy; Clement, Denise; Swift, Melanie (2022). Chemical Hazards. In Harber P, Baker B, Russi M. (Eds.), *Occupational Health for Higher Education and Research Institutions* (1, (1st Edition)p. 433). OEM Press.
3. Hegmann KT, Hughes MA, **Biggs JJ**, Stewart-Patterson CH, Els C, Zipper R (2018). Independent Medical Examinations and Consultations. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Independent Medical Examinations and Consultations* (3rd Edition). ACOEM.
4. Hegmann KT, Hughes MA, **Biggs JJ**, Greaves WW, Das R, McKenzie JG, Sinclair DR II (2018). Work-relatedness. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Work-relatedness* (3rd Edition). ACOEM.

5. Hegmann KT, Hughes MA, **Biggs JJ**, Blais BR, Anshel J, Glass L, Saito K. (2017). Eye Disorders. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Eye Disorders* (3rd Edition). ACOEM.
6. Hegmann KT, Hughes MA, **Biggs JJ** (2017). Traumatic Brain Injury. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Traumatic Brain Injury* (3rd Edition). ACOEM.
7. Hegmann KT, Hughes MA, **Biggs JJ** (2017). Chronic Pain Guideline. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Chronic Pain Guidelines* (3rd Edition). ACOEM.
8. Hegmann KT, Hughes MA, **Biggs JJ**, Klees JE, Glass LS, Milek D, Ratliff DM, Regan L (2016). General Approach to Initial Assessment and Documentation. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *General Approach to Initial Assessment and Documentation* (3rd Edition). ACOEM.
9. Hegmann KT, Travis R, Belcourt RM et al. (2015). Low Back Disorders. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Low Back Disorders* (3rd Edition). ACOEM.
10. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2015). Occupational Asthma. In ACOEM (Ed.), *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd). Elk Grove Village: ACEOM.
11. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2015). Occupational Interstitial Lung Diseases. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd). Elk Grove: ACOEM/Reed Group.
12. Hegmann KT, Travis R, Andersson GBJ et al. Hughes MA, **Biggs JJ** (2015). Cervical and Thoracic Spine Disorders. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Cervical and Thoracic Spine Disorders* (3rd Edition). ACOEM.
13. Hegmann KT, Melhorn JM, Ausfahl J, Freshwater R, Prezzia CP, Rempel DM, Roll SC, Rollins AJ, Werner RA, Zaremski J, Hughes MA, **Biggs JJ** (2015). Hand, Wrist, Forearm Disorders. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *Hand, Wrist, Forearm Disorders* (3rd Edition). ACOEM.
14. Hegmann KT (Editor-in-Chief) Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Opioid Guidelines. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd). Elk Grove Village: ACOEM.
15. Hegann KT, Hughes MA, **Biggs JJ**, Talmage JB, Andersson GBJ, Carragee E, Donelson R, Eskay-Auerbach M, Galper J, Genovese E, Goertz M, Halderman S, Hooper PD, Murphey DR, Tellin WG, Travis R, Weiss MS, Holland JP. (2011). Cervical and Thoracic Spine Disorders. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *American College of Occupational and Environmental Medicine Practice* (3rd Edition). ACOEM.
16. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors)** (2011). Chapter 12: Elbow Disorders. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
17. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 10: Chronic Pain. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
18. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 1: Prevention. In ACOEM (Ed.), *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
19. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 9: Low Back Disorders. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
20. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Eye. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.

21. Hegmann KT, Hughes MA, **Biggs JJ (Eds)** (2011). Chapter 4: Work-relatedness. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
22. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 6: Independent Medical Examinations and Consultations. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
23. Hegmann KT, Hughes MA, **Biggs JJ (Eds)** (2011). Chapter 5: Cornerstones of Disability Prevention and Management. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
24. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 3: Initial Approaches to Treatment. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
25. Hegmann KT, (Editor-in-Chief), Hughes MH, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 2: General Approach to Initial Assessment and Documentation. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
26. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 14: Ankle and Foot Disorders. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines.
27. Hegmann, KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 11: Shoulder Disorders. In ACOEM (Ed.), *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
28. Hegmann KT (Editor-in-Chief), Hughes MS, **Biggs JJ (Assistant Editor-in-Chief)** (2011). Cervical and Thoracic Spine Disorders. In ACOEM (Ed.), *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.
29. Hegmann, KT(Editor-in-Chief), Hughes, MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 13: Hand, Wrist, and Forearm Disorders. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines.
30. Hegmann KT (Editor-in-Chief) Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2011). Chapter 15: Knee. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village.
31. Hegmann KT, Hughes MA, **Biggs JJ**, Haas NS, Beecher PJ, Easley M, Edwards H, Hoffman H, Mandel S, Martin RL, Thomas JL, Dreger M, Ording JA, Paddock DM (2010). Chapter 14: Ankle and Foot Disorders. In Hegmann KT, Hughes MA, Biggs JJ (Eds.), *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines, 3rd Edition*. ACOEM.
32. Hegmann KT (Editor-in-Chief), Hughes MA, **Biggs JJ (Assistant Editors-in-Chief)** (2010). Chapter 14: Hip and Groin Disorders. In *American College of Occupational and Environmental Medicine's Occupational Medicine Practice Guidelines* (3rd Edition). Elk Grove Village: ACOEM.

CONFERENCE PROCEEDINGS

1. Rytting A, **Biggs JJ** (2021). Biggs Booth - Implementation of Engineering Controls for Reducing Transmission of SARS-CoV-2 Among Patients and Health Care Workers During Indoor COVID-19 Testing Procedures. Western Occupational Health Conference.
2. **Biggs JJ**, Phillips A (2021). Addressing the Personal Protective Equipment Shortage of Early 2020 Through Innovation. AOHC Annual Conference 2021.
3. Phillips A, **Biggs JJ** (2021). Containment Ventilation for Exposure Reduction in Clinical Settings. AOHC Annual Conference, 2021.
4. **Biggs JJ**, Phillips A (2021). Protecting Healthcare Workers During the COVID-19 Pandemic.
5. **Biggs JJ** (2020). Practical Applications with COVID-19. Industrial Hygiene Conference.
6. Hegmann KT, Wolfkel C, Harris J, Thiese M, Hughes M, **Biggs J**, Ott U, Ording J (2012). Potential Impacts of Grading vs. Not Grading Literature. *In: G-I-N Conference 2012. German Medical Science GMS Publishing House, Dusseldorf, Berlin.*
7. Willick S, **Biggs JJ** (2007). Musculoskeletal anatomy and injury. *APMR annual meeting*, Honolulu, HI.

ADDITIONAL PUBLICATIONS

Reports

1. **Biggs JJ**, Johnson E (2008). *Non-Opioid Pain Management Table, as part of the State of Utah Opioid Prescription Protocol*. Utah Health Department.

Multimedia

1. **Biggs JJ**, Wendelboe AM, White GL Jr, Garrett L, Lyon JL (2001). Investigations into a brain cancer cluster allegation, Vol. 8 [Web], Davis County, UT: Utah's Health.

PENDING PUBLICATIONS

Book Chapters

1. Hegmann KT, Hughes MA, **Biggs JJ**, Burns D, Warren PA, Alleman T, Brady MM, Caruso GM, Couser GP, Grunert BK, Offman HE, Hyman MH, Mandel S, Sayeed Y, Steinberg JS. (In Press). Anxiety Disorders. . In Hegmann KT (Ed.), *ACOEM Practice Guidelines*. ACOEM.
2. Hegmann KT, Hughes MA, **Biggs JJ**, Cowel CT, Harber P, Hyman MH, Pacheco KA, Winters T, Wood EM. (In Press). Coronavirus (COVID-19). . In Hegmann KT (Ed.), *ACOEM Practice Guidelines*. ACOEM.

RECENTLY PUBLISHED ABSTRACTS (LAST 3 YEARS)

1. Rytting A, **Biggs JJ** (2022). Biggs Booth: Implementation of Engineering Controls for Reducing Transmission of SARS-CoV-2 Among Patients and Health Care Workers During Indoor COVID-19 Testing Procedures [Abstract].

POSTER PRESENTATIONS

- | | |
|------|---|
| 2024 | Communication is Key: Successful Strategies for Workplace Disruption Using Total. Poster session presented at Department of Family and Preventive Medicine (DFPM) Annual Poster Summit, |
| 2024 | Improving Worker Health and Safety by Utilizing Total Worker Health Competencies. Poster session presented at Utah Public Health Association (UPHA) |

- 2024 Clark R, Pedersen K, Ehinger G, Gren L, Frost C, Biggs J, Benson LS (2024). How Employers Can Support Women at Work: Lessons From University Staff During and Since the COVID-19 Pandemic. Poster session presented at Department of Family and Preventive Medicine (DFPM) Annual Poster Summit, Salt Lake City, UT.
- 2024 Clark R, Pedersen K, Ehinger G, Gren L, Frost C, Biggs J, Benson LS (2024). How Employers Can Support Women at Work: Lessons From University Staff During and Since the COVID-19 Pandemic. Poster session presented at Women's Health Symposium, Salt Lake City, UT.
- 2024 Clark R, Pedersen K, Ehinger G, Gren L, Frost C, Biggs J, Benson LS (2024). How Employers Can Support Women at Work: Lessons From University Staff During and Since the COVID-19 Pandemic. Poster session presented at Utah Public Health Association (UPHA), Orem, UT.
- 2023 - Present *Using MIRO for qualitative studies: a tool for engaging stakeholders in research planning and analysis.* Poster presented at the U-POWER Community Engagement Conference; April 13, 2023; Salt Lake City, UT.
- 2023 - Present Gren LH, Frost CJ, Benson LS, Van Natter JM, Pedersen K, Clark R, Biggs JJ. *The role of worker engagement: lessons learned about worker satisfaction from the IWISH study.* Poster presented at the U-POWER Community Engagement Conference; April 13, 2023; Salt Lake City, UT.
- 2023 - Present *Impact of the COVID-19 pandemic and remote work on university staff perceived productivity.* Poster presented at the Department of Family and Preventive Medicine Poster Summit; April 11, 2023; Salt Lake City, UT.
- 2023 - Present Clark R, Frost CJ, Benson LS, Pedersen K, Biggs JJ, Van Natter JM, Gren LH. *COVID's silver lining: How changing human resources policies can promote equity.* Poster presented at the Department of Family and Preventive Medicine Poster Summit; April 11, 2023; Salt Lake City, UT.
- 2022 Zamudio O*, Frost CJ, Biggs JJ, Gren LH, Benson LS. (2022). Building an environment where businesses, workforce and academia employ community based participatory research (CBPR) principles to advance Total Worker Health® (TWH). Department of Family and Preventive Medicine Student Poster Summit, USA. April 18, 2022.
- 2017 Daphney Mytril, Sarang K. Yoon, Melissa Cheng, Jeremy J. Biggs. *The Effect of Health Coaching on Cholesterol Profiles in Firefighters.* Poster session presented at AOHC, Denver.
- 2009 Henrie M, **Biggs J**, Aoki SK, Willick SE. *Descriptive Epidemiology of Ski and Snowboard Injuries by Age Group: Children/Adolescent; Young Adult; Adult.* Poster session presented at American Academy of Physical Medicine & Rehabilitation Annual Assembly, Austin, Texas.

ORAL PRESENTATIONS

Meeting Presentations

International

- 2022 - Present AOHC 2022 Lecture on Health and Safety for Health Care Workers.
- 2021 - Present Presentation on PPE development and processes during COVID-19.

National

- 2021 - Present Presentation on containment ventilation techniques during the 2020 COVID-19 pandemic
- 2021 - Present How Utah Health worked to protect employees during COVID-19 pandemic

Local/Regional

- 2023 Clark R, Frost CJ, Pedersen K, Benson LS, Van Natter JM, Biggs JJ, Gren LH. *Information sources and transitions for worker protections during the COVID-19 pandemic – which changes are here to stay?* Oral presentation at Utah Public Health Association; April 12-13, 2023; Salt Lake City, UT.
- 2023 Pedersen K, Van Natter JM, Benson LS, Biggs JJ, Clark R, Frost CJ, Gren LH. *Two examples of overcoming methodological challenges to research: community-engaged questionnaire adaptation and the use of a novel collaborative visualization tool.* Oral presentation at Utah Public Health Association; April 12-13, 2023; Salt Lake City, UT.
- 2020 - Present FDA emergency use authorization and how to use this to protect our employees. Looking at internally developed PAPR device, how to test it internally, how to meet NIOSH criteria for flow rate and filter factors.

Invited/Visiting Professor Presentations

National

- 2013 - Present ACOEM Practice Guidelines- Opioid Use in Musculoskeletal Disorders
- 2010 - Present ACOEM Practice Guidelines- Upper Extremity Disorders

Local/Regional

- 2021 - Present How to be part of the C Suite during an emergency if you are a C Suite outsider.
- 2020 - Present How to deal with COVID19 cleaning at work and at home. Provided CDC/NIOSH guidance of cleaning methods, agents, and administrative controls on frequency and duration.
- 2018 - Present PodCast presentation as invited Professor for regional first responders and law enforcement professionals. Topics included NFPA 1582 Medical Standard and what it includes. Cardiovascular health risks and evaluations for first responders. DOT/FMCSA guidance on Sleep Apnea. Sedating medication use in first responders and general health and fitness topics. Salt Lake City, Utah.
- 2017 - Present How to use Medical Panel physicians to help in state worker's compensation adjudication. Utah State Labor Commission Annual Conference. Salt Lake City, UT
- 2014 - Present Presentation to Utah Labor Commission on Return to Work
- 2014 - Present Presentation on Causation Analyses for semianual meeting of worker's compensation attorneys
- 2013 - Present Causation analyses in Occupational Medicine musculoskeletal injuries.