

Stephanie Christine Griffin

Curriculum Vitae

1295 North Martin Avenue
Tucson, AZ 85724

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EDUCATION

University of Arizona Mel & Enid Zuckerman College of Public Health (MEZCOPH) 2011 – 2014
Tucson, Arizona
Doctorate of Philosophy, Environmental Health Sciences
Dissertation: *Economic Evaluation of Injury and Injury Prevention Interventions in the U.S. Fire Service*. Advisor: Jefferey L. Burgess, MD MS MPH

University of Washington School of Public Health, Seattle, Washington 2005 – 2007
Master of Science, Environmental Health: Industrial Hygiene
Thesis: *Indicators of Hearing Protection Use: Self Report and Researcher Observation*
Advisor: Noah Seixas, PhD CIH

Salisbury State University, Salisbury, Maryland 1995 – 1999
Bachelor of Science, Environmental Health Science

Postgraduate Training

Centers for Disease Control and Prevention 2010 – 2011
Environmental Public Health Leadership Institute

EMPLOYMENT

Assistant Professor, University of Arizona MEZCOPH 2014 – present
Tucson, Arizona

Bioenvironmental Engineer, Arizona Air National Guard 2017 – present
162d Wing, Tucson, Arizona

Graduate Student Researcher, University of Arizona MEZCOPH 2011 – 2014
Tucson, Arizona

Contract Researcher, National Institute for Occupational Safety and Health 2012 – 2013
Washington, D.C.

Environmental Health Officer, U.S. Coast Guard Headquarters 2010 – 2011
Washington, D.C.

Safety and Environmental Health Officer, U.S. Coast Guard Ninth District 2007 – 2010
Cleveland, Ohio

U.S. Coast Guard Advanced Education Program 2005 – 2007
University of Washington School of Public Health, Seattle, Washington

Safety and Environmental Health Officer, U.S. Coast Guard Seventeenth District 2002 – 2005
Ketchikan, Alaska

Environmental Health Officer, U.S. Environmental Protection Agency Headquarters 2002
Washington, D.C.

Environmental Protection Specialist, U.S. Environmental Protection Agency 1999 – 2002
Washington, D.C.

HONORS & AWARDS

American Industrial Hygiene Foundation Scholarship	2012
Coast Guard Commendation Medal	2005, 2010
Salisbury State University Presidential Scholar	1995 – 1999
Salisbury State University Henson School of Science and Technology Scholar	1998 – 1999
Centers for Disease Control & Prevention 1st Place - Student Poster Presentation	1998
ASSE Delmarva Regional Chapter Technical Writing Award	1998

Board Certification/Licensure

Certified Industrial Hygienist	2009, recertified 2014
Registered Environmental Health Specialist/Registered Sanitarian	2001, recertified 2013
Hazardous Waste Operations 40-Hour and 24-Hour Site Worker	2002, 2004

SERVICE & OUTREACH**Local/State Outreach**

Faculty liaison to American Society of Safety Engineers, Southern Arizona Chapter	2016-present
Faculty liaison to American Industrial Hygiene Association, Arizona local section	2016-present

National/International Outreach

Member, American Industrial Hygiene Association International Affairs Committee	2015-2017
Member, National Institute for Occupational Safety and Health/National Hearing Conservation Association Safe-in-Sound Award selection committee	2017-present
Consultant, American Conference of Governmental Industrial Hygienists Physical Exposures Committee	2017-present

Departmental Committee

ABET Accreditation Committee	2017-present
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College Committee

Faculty Advisor, Environmental and Occupational Health Student Association	2016-present
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University Committee

Voting Member, Non-ionizing Radiation Safety Committee	2015-present
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PUBLICATIONS & CREATIVE ACTIVITY (*based on graduate work, MS or PhD)**Refereed journal articles (published or accepted in final form)**

1. ***Griffin SC**, Neitzel R, Daniell WE, and Seixas NS. Indicators of Hearing Protection Use: Self-Report and Researcher Observation. *JOEHS*. 2009;6:639–647.
2. Peña J, **Griffin S**, West G, Peate W, Burgess JL. Cost analysis of injury claims in the fire service. *International Fire Service Journal of Leadership and Management*. 2015;9.
3. Poplin GS, Pollack K, **Griffin S**, Nash V, Peate W, Nied E, Gulotta J, Burgess JL. Establishing a proactive safety & health risk management system in the fire service. *BMC Public Health*. 2015;1:407.
4. ***Griffin SC**, Regan TL, Harber PI, Lutz EA, Hu C, Peate WF, Burgess JL. Evaluation of a fitness intervention for new firefighters. *Inj Prev*. 2016;22(3):181-8.
5. Pollack KM, Poplin GS, **Griffin S**, Peate W, Nash V, Nied E, Gulotta J, Burgess JL. Implementing Risk Management to Reduce Injuries in the U.S. Fire Service. *Journal of Safety Research*. 2016.

6. Bui DP, Porter KP, **Griffin SC**, French DD, Jung AM, Crothers S, Burgess JL. Risk management of emergency service vehicle crashes in the United States fire service: process, outputs, and recommendations. *BMC Public Health*. 2017;17:885.
7. **Griffin SC**, Bui D, Gowrisankaran G, Lutz EA, He C, Hu CC, Burgess JL. Risk Management Best Practices to Reduce Injuries and Maximize Economic Benefits in U.S. Mining. *Journal of Occupational and Environmental Medicine*. 2018;60(3):226-233.
8. Bui DP, Balland S, Giblin C, Jung AM, Kramer S, Peng A, Aquino MCP, **Griffin S**, French DD, Pollack Porter K, Crothers S, Burgess JL. Interventions and controls to prevent emergency service vehicle incidents: A mixed methods review. *Accid Anal Prev*. 2018;115:189-201.
9. Jeong KS, Zhou J, **Griffin SC**, Jacobs ET, Dearmon-Moore D, Zhai J, Littau SR, Gulotta J, Moore P, Peate WF, Richt CM. MicroRNA Changes in Firefighters. *J Occup Environ Med*. 2018;60(5):469.
10. Bui DP, Hu C, Jung AM, Pollack Porter K, **Griffin SC**, French DD, Crothers S, Burgess JL. Driving behaviors associated with emergency service vehicle crashes in the US fire service. *Traffic Injury Prevention*. 2018 (Accepted).
11. Poplin GS, **Griffin S**, Pollack Porter K, Mallett J, Hu C, Day-Nash V, Burgess JL. Efficacy of a proactive health and safety risk management system in the fire service. *Inj Epidemiol*. 2018;5(1):18.
12. Zhou J, Jenkins TG, Jung AM, Jeong KS, Zhai J, Jacobs ET, **Griffin SC**, Dearmon-Moore D, Littau SR, Peate WF, Ellis NA, Lance P, Burgess JL. DNA Methylation among Firefighters. *PLOS ONE*. 2018 (Accepted).

WORK IN PROGRESS

1. **Griffin SC**, Staack SD, Burgess JL. Live-fire assessment of CBRN in overhaul environments. (in preparation)
2. **Griffin SC**, Bui DP. Heat related illness in U.S. mining, 1983-2016. (in preparation)
3. Foster C, **Griffin SC**. Evaluation of thermal stress and strain in law enforcement personnel. (in preparation)
4. **Griffin SC**, Dearmon-Moore D, Lee VS, Burgess JL. The association between urinary PAH-OH and self-reported occupational and non-occupational exposures in firefighters. (in preparation)
5. ***Griffin SC**, Regan TL, Harber PI, Burgess JL. Modeling occupational back injury and compensation costs in emergency medical services personnel following implementation of electrically powered stretchers. (in preparation)
6. **Griffin SC**, Pana-Cryan R. Technical Assistance to the Office of the Director, NIOSH: Estimating the cost of workplace wellness programs at Tucson Fire Department. (in preparation)

CONFERENCES & SCHOLARLY PRESENTATIONS**Conferences**

- Burgess J, Fent KW, Grant C, Schaefer Solle N, Jacobs E, Jahnke SA, **Griffin S**, Horn G, Fahy R, Morrison PJ, Bertke S, Jeong KS, Zhou JJ, Littau SR, Jung AM, and Caban-Martinez AJ. "Design of and Data Collection in a National Multi-Site Fire Fighter Cancer Cohort Study." Oral presentation, American Public Health Association Meeting & Expo, San Diego, CA. 2018
- Griffin SC**, Foster CE. Podium Session: "Evaluation of Thermal Stress in Law Enforcement Personnel" American Industrial Hygiene Conference & Education Podium Session, Philadelphia, PA 2018
- Kent DC, Garcia RZ, Packard S, Briggs G, Hill C, **Griffin SC**, Bedrick E, Collier K, Roach M. Enhanced Surveillance of Heat-Related Illness in Pinal County. ISDS Annual Conference Proceedings. Orlando, FL. 2018
- Griffin SC**, Bui D, Gowrisankaran G, Lutz EA, He C, Hu CC, Burgess JL. Podium session: "Risk Management Best Practices to Reduce Injuries and Maximize Economic Benefits in U.S. Mining." American Industrial Hygiene Conference & Education Podium Session, Baltimore, MD. 2016
- Griffin SC**, Bui D, Gowrisankaran G, Lutz EA, He C, Hu CC, Burgess JL. Technical session presentation: "Risk Management Best Practices to Reduce Injuries and Maximize Economic Benefits in U.S. Mining." Society for Mining and Metallurgic Engineering Conference, Phoenix, AZ. 2016
- Griffin SC**. Podium Session: "Comprehensive Noise Assessment in the Coast Guard Small Boat Community." American Industrial Hygiene Conference and Education Podium Session, Denver, CO. 2010
- Griffin SC**. Technical Presentation: "Health Risk Assessment Integrated Product Team." Navy Occupational Safety and Health Conference, Norfolk, VA 2010
- Seminars**
- Griffin SC**. Presentation, Division of Community, Environment & Policy seminar. "Risk Management Practices to Reduce Injuries and Maximize Economic Benefits in Mining." MEZCOPH Tucson, AZ 2015
- Griffin SC**. Presentation, Baylor University Environmental Health Science Seminar, "Caution: Hearing Protection Required!" Baylor University, Waco, TX 2011

AWARDED GRANTS AND CONTRACTS**Federal**

- Graduate Student Researcher, Investigator (25% FTE). “Implementing Risk Management Strategies to Prevent Injuries among Firefighters” (Burgess, PI) Funded by the National Institute for Occupational Safety and Health. (\$1.3M) 2009-2014
- Investigator (32.5% FTE). “Risk Management Interventions to Reduce Vehicle-related Incidents and Fatalities” (Burgess, PI). Funded by FEMA Assistance to Firefighters Grant Program - Fire Prevention and Safety. (\$1.4M) 2014-2017
- Principal Investigator (12.5% FTE). “Overhaul Phase III – Respiratory Protection of Firefighter Live-fire Field Assessment of CBRN Canisters during Firefighter Overhaul.” Funded by the National Institute for Occupational Safety and Health, National Personal Protective Technology Laboratory (\$267,035) 2015-2017
- Co-Principal Investigator (20% FTE). “Cancer Prevention in the Fire Service: Exposure Assessment, Toxic Effects and Risk Management” (Burgess, PI). Funded by FEMA Assistance to Firefighters Grant Program - Fire Prevention and Safety. (\$1.5M) 2015-2018
- Investigator and Grant Manager (0% FTE). “Graduate Industrial Hygiene Program Training Grant, University of Arizona” (Burgess, PI). Funded by the National Institute for Occupational Safety and Health (\$176,000) 2017-2018
- Investigator (10% FTE). “The Firefighter Multicenter Cancer Cohort Study: Framework Development and Testing” (Burgess, PI). Funded by FEMA Assistance to Firefighters Grant Program – Fire Prevention and Safety (\$1.5M) 2016-2019
- Investigator (15% FTE). “El Trabajo no te Debe Danar: Reduction of Hazardous Exposures in Small Businesses through a Community Health Worker Intervention” (Beamer, PI) Funded by the National Institute for Environmental Health Sciences (\$2.1M) 2017-2022
- Investigator and Grant Manager (5% FTE). “Graduate Industrial Hygiene Program Training Grant, University of Arizona” (Burgess, PI). Funded by the National Institute for Occupational Safety and Health (\$761,515.25) 2018-2023
- Investigator (20% FTE). “Alternative Fuel Use to Reduce Diesel Emissions Exposure and Toxicity in Mining” (Burgess, PI). Funded by the National Institute for Occupational Safety and Health (\$1.7M) 2018-2021

Federal – Pending

- Investigator (25% FTE). “Multiparameter Personal Environmental Awareness Monitor for Mining Hazards” (Radislav, PI). Under review at the National Institute for Occupational Safety and Health (\$596,000) 2018-2020

Private Foundation

- Investigator and project manager (100% FTE). “Implementation of Risk Management Programs: Identification of Best Practices to Reduce Injuries and Maximize Economic Benefits” (Burgess, PI). Funded by the Alpha Foundation for Mine Safety and Health. (\$669,208) 2013-2015

University

- Investigator (0% FTE). “Evaluation of a short-term exercise-induced hyperthermia heat acclimation program in females from a hot and dry environment” (Wardenaar, PI). 2018-2019
Funded by Arizona State University.
- Principal Investigator (20% FTE). “Assessment of the Predicted Heat Strain Model Physiologic Measures of Heat Stress in Underground Mining.” University of Arizona RDI Accelerate for Success Award. (\$227,532) 2018-2020

LIST OF COLLABORATORS

Cass Ben-Levi	David Hostler	Regina Pana-Cryan
David Bui	Chengcheng Hu	Wayne Peate
Jefferey Burgess	Elizabeth Jacobs	Keshia Pollack
Alberto Caban-Martinez	Kyoung Sook Jeong	Gerald Poplin
Steve Crothers	Alesia Jung	Potyrailo Radislav
Kenny Fent	Dylan Kent	Rustin Reed
Dustin French	Vivien Lee	Tracy Regan
Casey Grant	Joshua Mallett	Shane Snyder
Gautam Gowrisankaran	Eric Lutz	Shawn Dylan Staack
John Gulotta	Moe Momayez	Floris Wardenaar
Philip Harber	Ed Neid	Gary West
Charles He	Virginia Nash	Kristin Yeoman
Christiane Hoppe-Jones	Juliet Pena	Jin Zhou

This CV represents a true and accurate statement of my activities and accomplishments. I understand that misrepresentation in securing tenure and promotion may lead to dismissal or suspension under ABOR Policy 6-201 J.

Prepared by the Candidate:

