

## National Institute for Public Safety Health

### Manuscripts, Technical Reports and Poster Presentations

**Muegge CM**, Zollinger TW, Song Y, Wessel J, Monahan PO, **Moffatt SM**. Barriers to Weight Management among Overweight and Obese Firefighters. 2019. *Manuscript under consideration*.

Yang J, Christophi CA, Farioli A, Baur DM, **Moffatt S**, Zollinger TW, Kales SN. Association Between Push-up Exercise Capacity and Future Cardiovascular Events Among Active Adult Men. *JAMA Network Open*. 2019; 2(2), pp. e188341-e188341. [[manuscript](#)]

**Muegge CM, Kleinschmidt V**, Foster T, **Moffatt SM**. Lung Cancer Screening Demonstration Project with Indiana Task Force 1. National Institute for Public Safety Health, 2019 [technical report]

**Muegge CM**, Zollinger TW, Song Y, Wessel J, Monahan PO, **Moffatt SM**. Excess Mortality Among Indiana Firefighters, 1985-2013. *American Journal of Industrial Medicine*. 2018; 61(12):961-967. doi:10.1002/ajim.22918 [[manuscript](#)]

**Muegge CM, Kleinschmidt VM, Johnson KA**, Sotos-Prieto M, **Moffatt SM**, Beverly EA, Korre M, Kales SN. Focus groups to inform a nutrition intervention for career firefighters. *Clinical Nutrition and Metabolism*. 2018; 1(2):1-5. doi:10.15761/CNM.1000108 [[manuscript](#)]

**Muegge CM, Kleinschmidt V, Moffatt SM**. Lafayette Police Department: A Pilot Fitness and Nutrition Intervention to Impact Health Risk Factors in Law Enforcement Officers. National Institute for Public Safety Health, 2018. [technical report]

**Muegge CM**, Zollinger TW, Song Y, Wessel J, Monahan PO, **Moffatt SM**. Excess Mortality Among Indiana Firefighters, 1985-2013. American Heart Association EPI/Lifestyle 2018 Scientific Sessions, New Orleans, March 2018 [poster].

Sotos-Prieto M, Cash SB, Christophi CA, Folta S, **Moffatt S, Muegge C**, Korre M, Mozaffarian D, Kales SN. Rationale and design of feeding America's bravest: Mediterranean diet-based intervention to change firefighters' eating habits and improve cardiovascular risk profiles. *Contemporary Clinical Trials*. 2017; 61:101-107. Doi: 10.1016/j.cct.2017.07.010 [[manuscript](#)]

Korre M, Porto LGG, Farioli A, Christiani D, Christophi C, Lombardi D, Kovacs R, Abbasi S, Steigner M, **Moffatt S**, Smith D, Kales SN. Confirmation of the Effect of Body Mass Index on Left Ventricular Mass in Career Male Firefighters. American College of Occupational and Environmental Medicine 2017 Annual Conference. Poster Session. April 2017. [poster]

Korre M, Smith D, **Moffatt S**, Kales SN. White Paper: "Cardiac Enlargement in US Firefighters" National Fallen Firefighters Foundation, 2017. [[whitepaper](#)]

Korre M, Porto LGG, Farioli A, Christiani D, Christophi C, Lombardi D, Kovacs R, Abbasi S, Steigner M, **Moffatt S**, Smith D, Kales SN. Confirmation of the Effect of Body Mass Index on Left Ventricular Mass in Career Male Firefighters. American College of Occupational and Environmental Medicine 2017 Annual Conference. Poster Session. April 2017. [poster]

Smith D, Jahnke, S, **Moffatt S**, Roche, K, Kales S. "Heart to Heart: Strategizing an Evidence-Based Approach to Reduce Cardiac Disease and Death in The Fire Service". National Fallen Firefighters Association, 2016 [[whitepaper](#)]

Porto LGG, Korre M, **Moffatt S**, Kales S. Physical Fitness and Heart Rate During Exercise Testing as Predictors of Cardiac\_Autonomic Impairment among Firefighters. American College of Sports Medicine, Annual Meeting, May 2016, Boston, MA [abstract]

Porto LGG, Korre M, **Moffatt S**, Kales SN. Muscle Strength is a Better Predictor of Impaired Heart Rate Recovery than\_BMI among Firefighters. Endocrine Society Annual Meeting, April 2016, Boston, MA [abstract]

**Muegge CM**, Zollinger TW. Excess mortality among Indiana firefighters for 1985-2013. APHA Annual Conference and Exposition, Denver, October-November 2016. [poster]

**Muegge CM**, Zollinger TW. Perceived Barriers to a Healthy Lifestyle in Firefighters. APHA Annual Conference and Exposition, Denver, October-November 2016. [presentation]

Korre M, Porto LGG, Farioli A, Yang J, Christiani DC, Christophi CA, Lombardi DA, Kovacs RJ, Mastouri R, Abbasi S, Steigner M, **Moffatt S**, Smith DL, Kales SN. Effect of Body Mass Index on Left Ventricular Mass in Career Male Firefighters. American Journal of Cardiology. 2016; 118:1769-1773. Doi: 10.1016/j.amjcard.2016.08.058 [[manuscript](#)]

Korre M, Sampani K, Porto LGG, Farioli A, Yang J, Christiani DC, Christophi CA, Lombardi DA, Kovacs RJ, Mastouri R, Abbasi S, Steigner M, **Moffatt S**, Smith DL, Kales SN. Cardiac Enlargement in US Firefighters: Prevalence estimates by Echocardiography, Cardiac Magnetic Resonance and Autopsies. J Clin Exp Cardiol. 2016;7:459, doi: 10.4172/2155-9880.1000459 [[manuscript](#)]

Korre M, Christiani D, Christophi C, Lombardi D, Kovacs RJ, Abbasi S, Steigner M, **Moffatt S**, Smith D, Kales SN. A review of left ventricular mass and heart weight assessment by cardiac MRI, ECHO and Autopsies in normal and diseased hearts. Journal of Integrative Cardiology. 2016; 2(6): 432-440. Doi: 10.15761/JIC.1000193 [manuscript]

Korre M, Porto LGG, Farioli A, Christiani D, Christophi C, Lombardi D, Kovacs R, Abbasi S, Steigner M, **Moffatt S**, Smith D, Kales SN. Validation of the Effect of Body Mass Index on Left Ventricular Mass in Career Male Firefighters. New England College of Occupational and Environmental Medicine/Mass Association of Occupational Health Nurses (NECOEM/MaAOHN) 2015 Annual Conference. Poster Session, December 1-2 2016 [poster]

Korre M, Porto LGG, Farioli A, Christiani D, Christophi C, Lombardi D, Kovacs R, Mastouri R, **Moffatt S**, Smith D, Kales SN. Body Mass Index predicts Left Ventricular Mass in Career Male Firefighters in the United States. Cambridge Health Alliance Academic Poster Session April 4 2016. [poster]

Korre M, Porto LGG, Farioli A, Christiani D, Christophi C, Lombardi D, Kovacs R, Abbasi S, Steigner M, **Moffatt S**, Smith D, Kales SN. Validation of the Effect of Body Mass Index on Left Ventricular Mass in Career Male Firefighters. New England College of Occupational and Environmental Medicine/Mass Association of Occupational Health Nurses (NECOEM/MaAOHN) 2015 Annual Conference. [poster]

Saywell RM, Zollinger TW, **Moffatt SM**, Galloway C, **Muegge CM**, Kochhar K. A Cohort Mortality Study of Indianapolis Firefighters-1970-2006:What Are Our Firefighters Dying From? Fire Chief, February 2011. [manuscript]

Mehta KK, Zollinger TW, Saywell RM, **Moffatt SM**, Hale N, Lopes A. Impact of the Public Safety Medical Services Wellness Program on the Health Risk Factors of the Indianapolis Metropolitan Police Department 2008-2010. Richard M. Fairbanks School of Public Health First Annual Health Research Symposium. [poster]

Mehta KK, Zollinger TW, Saywell RM, **Moffatt SM**, Hale N, Lopes A. "Impact of the Public Safety Medical Services Wellness Program on the Health Risk Factors of the Indianapolis Metropolitan Police Department 2008-2010." American Public Health Association 140<sup>th</sup> Annual Meeting and Exposition, San Francisco, October 2012 [poster]

Saywell RM, Zollinger TW, **Moffatt SM**, **Muegge CM**, Kochhar K, Galloway C. Cohort Mortality Study of Indianapolis Firefighters - 1970-2006. 36<sup>th</sup> North American Primary Care Research Group Annual Meeting, San Juan, Puerto Rico, November 2008 [poster].

Mendenhall D, **Moffatt S**, Williams T, Reeves M, Greeson J, Shelton S, Stahl H, Zollinger TW, Saywell RM, **Muegge CM**. Validation of a Physical Work Performance Evaluation for Incumbent Firefighters. Fire Engineering, 2005 (December); 158 (12): 51-58. [[manuscript](#)]

**Moffatt S**, Mendenhall D, Williams T, Shelton CS, Zollinger TW, Saywell RM, **Muegge CM**. Validation of a Physical Work Performance Evaluation for Incumbent Firefighters. Steps to a Healthier U.S. Workforce NIOSH Conference, Washington, D.C. October 2004. [poster]

**Muegge CM**, Zollinger TW, Saywell RS, **Moffatt SM**, Hanify T, Dezelan LA, Schroeder B. CPAT: Applicant Attrition, Pre-Test Training and Pass Rates. For the Indianapolis Fire Department, August 2002. [technical report]

**Moffatt SM**, Zollinger TW, Saywell RM, **Muegge CM**, Campbell BL. Tobacco Free in IFD Firefighter Survey Report. For the Indianapolis Fire Department, August 2002. [technical report]

**Muegge CM**, Zollinger TW, Saywell RM, **Moffatt SM**, Hanify T, Dezelan LA. CPAT: Putting the Test to the Test. School of Medicine, Dean's Grand Rounds, September 18, 2002. [poster]

**Muegge CM**, Zollinger TW, Saywell RM, **Moffatt SM**, Hanify T, Dezelan LA. CPAT: Putting the Test to the Test. Fire Engineering, August 2002; 155(8): 97-102. [[manuscript](#)]

**Moffatt SM**, Zollinger TW, Saywell RM. Epidemiologic Database on the Indianapolis Firefighters. IAFF John P. Redmond Foundation Symposium on the Occupation Health and Hazards of the Fire Service, Toronto, Ontario, Canada, August 1997 [poster]