

Curriculum Vitae

Matt McFalls, MPH

University of Minnesota – School of Public Health
Division of Environmental Health Sciences
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SUMMARY OF QUALIFICATIONS

- Technical advising, analysis, and research experience using Medicare administrative claims data
- Community-level study experience with primary data collection and analysis
- Collaborative skills in developing research from survey and claims data
- Skilled communicator of research and methods to student and professional audiences

RESEARCH INTERESTS

Work-related injury; Organization of work and health outcomes; Health and economic disparities and aging; Occupational health and Medicare; Agricultural injuries; Administrative data analysis

RELEVANT EXPERIENCE

Research Data Assistance Center (ResDAC), University of Minnesota, Minneapolis, MN

Technical Advisor (2015-Present)

- Description: Provide technical assistance to academic, government, and non-profit researchers using Medicare and Medicaid data for research. Analyze Medicare claims data to develop user support materials.
- Project #1: *Observation Stays in the Medicare Fee-For-Service Claims Data*
- Project #2: *External Cause Codes in the Medicare Fee-For-Service Claims Data*

Div. of Environmental Health Sciences, University of Minnesota – School of Public Health, Minneapolis, MN

Research Trainee under Marizen Ramirez, MPH, PhD (2018-Present)

- Project #1: *Biomarkers for Adverse Child Experiences*
- Project #2: *Farm Equipment Crashes on Public Roads: Analysis of Farm-level Factors*
- Project #3: *Anti-Bullying Laws and Youth Violence in the United States: A Longitudinal Evaluation of Efficacy and Implementation*

Minnesota Department of Health, St. Paul, MN

Surveillance Paraprofessional Senior – Hepatitis Unit (2013-2014)

- Description: Performed viral hepatitis surveillance activities; lead triage and data entry of case reports, investigated acute cases with providers.

Div. of Epidemiology and Community Health, University of Minnesota – School of Public Health, Minneapolis, MN

Student Researcher (2013-2014)

- Master's Project: *Analysis of Hepatitis B Vaccination and Testing for High-risk Infants in MN from 2007-2011*
- Community Partner: Minnesota Department of Health, Infectious Disease Epidemiology, Prevention and Control Division

Ofstead & Associates, St. Paul, MN

Student Intern (2013)

- Description: Conducted literature reviews and wrote technical reports to support research in endoscope reprocessing safety.

Mayo Clinic – Molecular Genetics Laboratory, Rochester, MN

Clinical Laboratory Technologist (2008-2013)

- Description: Performed diagnostic assays for a high-volume diagnostic genetics laboratory. Assisted in assay validation and research.

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TEACHING EXPERIENCE

Div. of Environmental Health Sciences, University of Minnesota – School of Public Health, Minneapolis, MN

Teaching Assistant (2021)

- PUBH 6123/3123: Violence Prevention and Control: Theory, Research, and Application

EDUCATION

University of Minnesota – School of Public Health, Minneapolis, MN

Ph.D. – Environmental Health (Expected 2022)

- Dissertation: Job Lock and Occupational Health Outcomes in Medicare (Advisor: Marizen Ramirez, MPH, PhD)

MPH – Epidemiology (2014)

- Master's Project: Analysis of Hepatitis B Vaccination and Testing for High-Risk Infants in Minnesota from 2007-2011 (Advisor: Jim Pankow, PhD, MPH)

Northern Michigan University, Marquette, MI

BA – Biology (2008)

PRESENTATIONS

1. **McFalls, M.**, Nam, Y., Marquez-Reagan, L., Iwan, A., Ramirez, M., *Emotional/Behavioral Difficulties and Racial and Ethnic Discrimination Among Youth and Families: Results from a Pilot Study*. Society for Advancement of Violence and Injury Research. SAVIR 2021 Virtual Conference, hosted by Johns Hopkins University. 2021.
2. **McFalls, M.**, Ramirez, M. *Gambling and its Association with Fighting Among Adolescents in Minnesota*. American Public Health Association (APHA). APHA 2020 Virtual Annual Meeting and Expo. 2020.
3. Ramirez, M., **McFalls, M.**, Nam, Y., Marquez-Reagan, L., Stromberg, J., Alcheva, A., Narayan, J., Ryan, A., Stepanov, I. *Adverse Child Experiences and Toxic Stress in At-Risk Youth and Families: A Pilot Study*. American Public Health Association (APHA). APHA 2020 Virtual Annual Meeting and Expo. 2020.
4. **McFalls, M.**, Peek-Asa, C., Harland, K., Zhu, M., Morris, N.L., Ramirez, M. *Farm Equipment Crashes on Public Roads: Results from a Survey of Midwest Farms*. Society for Advancement of Violence and Injury Research. SAVIR 2020 Annual (Virtual) Conference, hosted by University of Pennsylvania Injury Science Center (2020)

PUBLICATIONS

1. Kerr, S. E., Flotte, A. B., **McFalls, M. J.**, Vrana, J. A., Halling, K. C., & Bell, D. A. (2013). Matching maternal isodisomy in mucinous carcinomas and associated ovarian teratomas provides evidence of germ cell derivation for some mucinous ovarian tumors. *The American Journal of Surgical Pathology*, 37(8), 1229-1235. doi:10.1097/PAS.0b013e31828f9ecb [doi]

HONORS AND AWARDS

- National Institute for Occupational Safety and Health Research Traineeship, Midwest Center for Occupational Health and Safety – University of Minnesota, Minneapolis, MN (2018-Present)
- Northwest Chapter ASSP Scholarship (\$1,000), American Society of Safety Professionals Northern Chapter (2019)

PROFESSIONAL MEMBERSHIPS

Society for Advancement of Violence and Injury Research (SAVIR), since 2019

American Society of Safety Professionals (ASSP) Northwest Chapter, since 2019

Injury Control and Emergency Health Services (ICHES), American Public Health Association (APHA), since 2018

COMMUNITY/PUBLIC SERVICE

APHA Film Festival – 2019 Annual Meeting and Expo, *Volunteer Film Reviewer (2019)*

University of Minnesota – School of Public Health, Dept. of Epidemiology, *Journal Club Coordinator (2013-2014)*