

Jon Davis

jonathan-a-davis@uiowa.edu

145 N. Riverside Dr.
S337 CPHB, University of Iowa
Iowa City, IA 52242
319-384-4226

Education History

- 2017 PhD, Epidemiology, College of Public Health, University of Iowa, Iowa City, IA
- 2011 MS, Occupational and Environmental Health Science, Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, Detroit, MI
- 2007 BS, Chemistry, University of Michigan, Ann Arbor, MI

Academic Positions

- 2021-Present Assistant Professor (research tract), Department of Occupational and Environmental Health, University of Iowa, Iowa City, IA
- 2017-2021 Postdoctoral Research Scholar, University of Iowa, Iowa City, IA
- 2014-2016 Graduate Research Assistant, University of Iowa, Iowa City, IA

Teaching (University of Iowa)

As Annual Guest Lecturer

Course Number	Course Name	Audience
OEH:4510	Injury Prevention	Undergraduate/Graduate
OEH:7060	Research Design in OEH	Graduate
OEH:6520	Injury Epidemiology	Graduate
OEH:5620	Occupational Health	Undergraduate/Graduate
Agriculture Safety and Health: The Core Course		Undergraduate/Graduate/Professional

Advising/Mentoring

As part of postdoctoral appointment helped develop methods for student research and projects associated with the Injury Prevention Research Center. Mentored student research project for guided research course. Results from the project were presented by the student at a regional conference.

Publications

1. Davis J, Hamann C, Butcher BD, Peek-Asa C. Medical referral and license disposition for drivers in Iowa. *J Safety Res.* 2021;76:83-9.
2. Peek-Asa C, Zhang L, Hamann C, Davis J, Casteel C. The prevalence of work-related suicides varies by reporting source from the National Violent Death Reporting System. *Am J Ind Med.* 2021.
3. Davis J, Casteel C, Menéndez CC. Impact of a crime prevention ordinance for small retail establishments. *Am J Ind Med.* 2021;64(6):488-95.
4. Rohlman DS, Davis JW, Ismail A, Abdel Rasoul GM, Hendy O, Olson JR, et al. Risk perception and behavior in Egyptian adolescent pesticide applicators: an intervention study. *BMC Public Health.* 2020;20(1):679.

5. Davis J, Hamann C, Butcher B, Peek-Asa C. The Medical Referral Process and Motor-Vehicle Crash Risk for Drivers with Dementia. *Geriatrics (Basel)*. 2020;5(4).
6. Davis J, Casteel C, Peek-Asa C. In-Hospital Fall and Fracture Risk with Conditions in the Elixhauser Comorbidity Index: An Analysis of State Inpatient Data. *J Patient Saf*. 2020.
7. Pelaez CA, Davis J, Spilman SK, Guzzo HM, Wetjen KM, Randell KA, et al. Who Hurts More? A Multicenter Prospective Study of In-Hospital Opioid Use in Pediatric Trauma Patients in the Midwest. *J Am Coll Surg*. 2019;229(4):404-14.
8. Huizinga NC, Davis J, Gerr F, Fethke NB. Association between Occupational Injury and Subsequent Employment Termination among Newly Hired Manufacturing Workers. *Int J Environ Res Public Health*. 2019;16(3).
9. Davis J, Casteel C, Nocera M, Summers R, Peek-Asa C. Differences in Robbery Prevention Strategies Across Retail Business Types. *J Occup Environ Med*. 2019;61(2):e61-e4.
10. Davis J, Casteel C, Hamann C, Peek-Asa C. Risk of motor vehicle crash for older adults after receiving a traffic charge: A case-crossover study. *Traffic Inj Prev*. 2018;19(5):506-12.

Presentations

Refereed

1. Barnett A, Davis J, Rohlman D. Sources of Pesticide Exposure among Egyptian Adolescents. Midwest Rural Agricultural Safety and Health Conference, November 2020.
2. Davis J, Hamann C, Butcher B, Peek-Asa C. License Denial and Motor Vehicle Collision for Drivers with Dementia. Society for Advancement of Violence and Injury Research, April 2020.
3. Davis J, Hamann C, Butcher B, Peek-Asa C. Licensure Outcome and Screening Tests during Review of Older Driver Fitness-to-drive. Road Safety and Simulation, October 2019.
4. Davis J, Casteel C, Carnahan, R, Brown, G. Risk of Fracture and Opioid Dose: An Analysis of Health Insurance Claims Data. Poster Session, Society for Advancement of Violence and Injury Research, April 2019.
5. Davis J, Hamann C, Butcher B, Peek-Asa C. The Ability of Screening Tests to Predict On-road Driving Test Performance. Poster Session, Traffic Records Forum, August 2018.
6. Davis J, Hamann C, Butcher B, Peek-Asa C. Licensure Outcomes for Drivers Referred to the Enhanced Medical Referral and Evaluation Management System in Iowa. Poster Session, Society for Epidemiological Research, June 2018.
7. Davis J, Casteel C, Hamann C, Peek-Asa C. Moving Violations and Risk of Motor Vehicle Crash for Older Adults: A Case-Crossover Study. Poster Session, Society for Epidemiological Research, June 2015.

Invited

1. Roth L, Davis J. Iowa Violent Death Reporting System. Iowa Association of County Medical Examiners fall meeting, November 2020.
2. Conroy T, Davis J, Roth L. Finding Ways to Prevent Violent Death by Understanding Contributing Circumstances. Governor's Conference on Public Health, April 2020.
3. Davis J. Moving Violations and Older Adults. Iowa Governor's Traffic Safety Bureau Annual Conference, April 2016.

4. Davis J. Survey of Iowa Quality Lead and Nurse Managers on Fall Risk Assessment. Hospitals Leading Communities in Healthcare Transformation, Hospital Engagement Network 2.0 Learning Community, August 2015.

Funded Grants and Projects

Source Title PI, Role	Funding Period
CDC/NCIPC Implementation of a Medication Care Plan to Reduce Unintentional Injury among Rural Older Adults Casteel / Kennelty, Role: Data Analyst	09/30/18 – 09/29/22
CDC/NCIPC - Iowa Department of Public Health IDPH National Violent Death Reporting System Conroy, Role: Epidemiologist	09/01/14 – 08/31/22
CDC/NCIPC - Iowa Department of Public Health Iowa Department of Public Health Iowa-Overdose Data to Action Hibben, Role: Epidemiologist	09/01/14 – 08/31/22
CDC/NIOSH Healthier Workforce Center of the Midwest (HWC) Rohlman, Role: Postdoctoral Research Scholar, Supplement Project PI	09/01/16 – 08/31/21
CDC/NCIPC Injury Prevention Research Center Peek-Asa, Role: Postdoctoral Research Scholar, Pilot Project PI	08/01/12 – 07/31/20
CDC/NIOSH Heartland Center for Occupational Health and Safety Pilot Project: Cancer in Children of Agricultural Health Study Applicators O’Shaughnessy, Role: Pilot Project PI	07/01/14 – 6/30/15
NIH/NIEHS Vulnerability of the Adolescent Brain to Organophosphorus Pesticides Rohlman, Role: Data Analyst	03/04/13 – 0/31/17