

Curtis M. Craig, PhD, CHFP

Research Associate, Human Factors Safety Laboratory, University of Minnesota - craigc@umn.edu

Education	Degree	Year
University of Texas at Dallas	Cognitive Science	B.S. 2003
University of Texas at Dallas	Applied Cognition & Neuroscience	M.S. 2004
Texas Tech University	Psychology	M.A. 2009
Texas Tech University	Experimental Psychology	Ph.D. 2016

Professional Appointments

Research Scholar, Center for Transportation Studies, University of Minnesota	2021-Present
Research Associate, Human Factors Safety Lab, University of Minnesota	2016-Present
Teaching Assistant, Psychological Sciences, Texas Tech University	2014-2016
Graduate Assistant, Institutional Assessment, Texas Tech University	2012 - 2014

Honors and Awards

AT&T Chancellor's Fellowship, 2005-2009
Shapely-Booth Fellowship, 2020

Selected Grants and Contracts as PI or Co-I

Title: Behavioral Investigation of Temporary and Permanent Pedestrian Infrastructure
Support Period: June 2023 – May 2025

Title: Assessment of Pedestrian Safety and Driver Behavior Near an Automated Vehicle
Support Period: February 2022 – January 2024

Title: Understanding the Nature of Vehicle Pursuits
Support Period: June 2020 – March 2022

Title: Validating an Objective Roadside Tool to Assess Driver Fatigue
Support Period: August 2018 – October 2019

Title: Human Factors Investigation for HAC Reductions at Children's of Minnesota.
Support Period: November 2016 – June 2017

Selected Conference Attendance/Presentations

	Year(s)
HFES Annual International Conference	2015-2023
American Psychological Association Annual Conference	2018, 2022
AHFE International Conference	2023
Design of Medical Devices Conference	2022
Driving Assessment Conference	2017
Center for Transportation Studies Conference	2017, 2021, 2023

Selected Journal Publications

- Craig, C. M., Drahos, B. A., Morris, N. L., & Van Houten, R. (2023). The sustained and generalized effects of multifaceted treatment on unsignalized pedestrian crossings. *Journal of Transport & Health, 31*, 101648.
- Craig, C. M., Tian, D., & Morris, N. L. (2023). Task-relevant smartphone messages within work zones: a driving simulation study. *Human Factors*, 00187208231167641.
- Craig, C. M., Schwieters, K. R., Drahos, B. A., & Morris, N. L. (2023). A pilot study on the role of experience and patient gender on MARCH treatment sequence. *Military Medicine, 188*(7-8), e2041-e2048.
- Craig, C. M., Neilson, B. N., Altman, G. C., Travis, A. T., & Vance, J. A. (2022). Applying restorative environments in the home office while sheltering-in-place. *Human Factors, 64*(8), 1351-1362.
- Morris, N., Craig, C., & Mirman, J. H. (2021). Tools for Transport: Driven to Learn With Connected Vehicles. *Topics in Cognitive Science, 13*(4), 708-727.
- Craig, C. M., Morris, N. L., Achtemeier, J. D., & Schwieters, K. R. (2021). Auditory Alerts and Safety with Simulated Bicycles and Motor Vehicles. *Transportation Research Record*.
- Craig, C. M., Overbeek, R. W., & Niedbala, E. M. (2021). A global analysis of temperature, terrorist attacks, and fatalities. *Studies in Conflict & Terrorism, 44*(11), 958-970.
- Craig, C. M., & Klein, M. I. (2019). The abbreviated vigilance task and its attentional contributors. *Human Factors, 61*(3), 426-439.
- Craig, C.M., Morris, N.L., Van Houten, R., & Mayou, D. (2019). Pedestrian safety and driver yielding near public transit stops. *Transportation Research Record, 2673*(1), 514-523.
- Craig, C., Overbeek, R.W., Condon, M.V., & Rinaldo, S.B. (2016). A relationship between temperature and aggression in NFL football penalties. *Journal of Sport and Health Science, 5*, 205-210.
- Klein, M.I., Wheeler, N., Craig, C. (2015). Sideways camera rotations of 90° and 135° result in poorer performance of laparoscopic tasks for novices. *Human Factors, 57*, 246-261.
- Klein, M.I., Mouraviev, V., Craig, C., Salamone, L., Plerhoples, T.A., Wren, S.M., & Gaitonde, K. (2014). Mental stress experienced by first year residents and expert surgeons at the robotic and laparoscopic surgery interfaces. *Journal of Robotic Surgery, 8*, 149-155.
- Craig, C., Klein, M.I., Griswold, J.A., Gaitonde, K., McGill, T., & Halldorsson, A. (2012). Using cognitive task analysis to identify critical decisions in the laparoscopic environment. *Human Factors, 54*, 1025-1039.

Certifications and Professional Affiliations

- Certified Human Factors Professional (CHFP) (2019-2024) – BCPE
Full Member - Human Factors and Ergonomics Society (HFES)
Full Member - Psychonomics Society
Division Member – APA Division 21 (Applied Experimental & Engineering Psychology)