Reiley Thomas Bergin, Ph.D.

Athletic Training and Clinical Nutrition
University of Kentucky
Sports Medicine Research Institute (SMRI)
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Education

2024 University of Kentucky, Lexington, KY Ph.D. Rehabilitation Sciences
Dissertation: *Using Inertial Measurement Units (IMUs) to Assess Fatigue-Related Changes in Running: Applications in Training Load Management*
Doctoral Committee: *Nick Heebner, Stuart Best, Matt Hoch, & Josh Winters*

2016 Florida State University, Tallahassee, FL M.S. Exercise Physiology
2014 Indiana University, Bloomington, IN B.S. Biology

Professional Experiences

2024 - Present **University of Kentucky**, Lexington, KY
Assistant Professor, Athletic Training and Clinical Nutrition

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Assistant Professor, Athletic Training and Clinical Nutrition

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Assistant Professor, Athletic Training and Clinical Nutrition

Academic Appointments

2024 - Present **University of Kentucky**, Lexington, KY
Assistant Professor, Athletic Training and Clinical Nutrition

Teaching Activity

Courses Taught at University of Kentucky:

Sem.	Course	Level	N. Resp. / N. Enrolled	Instr. FCE* / Dept Mean
S19	EMSE 6035: Marketing Analytics for Design Decisions	Grad	13 / 18	5 / 4.3
F19	EMSE 6574: Intro. to Programming for Analytics	Ugrad	16 / 23	5 / 4.3

Research and/or Creative Productivity

Publications

Underline indicates advisee; * graduate student, **undergraduate student

A. Refereed/Peer reviewed

1. Published Journal Articles

1. *Roberson, Laura A., *Pantha, S., & **Helveston, J.P.** (2024) "Battery-Powered Bargains? Assessing Electric Vehicle Resale Value in the United States" *Environmental Research Letters*. DOI: 10.1088/1748-9326/ad3fce
2. *Kaplan, Leah R. & **Helveston, John P.** (2023) "Undercutting Transit? Exploring potential competition between autonomous vehicles and public transportation in the U.S." *Transportation Research Record*. DOI: 10.1177/03611981231208976
3. *Zhao, L., **Ottinger, E., Yip, A., & **Helveston, J.P.** (2023) "Quantifying electric vehicle mileage in the United States" *Joule*. 7, 1–15. DOI: 10.1016/j.joule.2023.09.015
4. *Zhao, L., Szajnfarber, Z., Broniatowski, D.A., & **Helveston, J.P.** (2023) "Using conjoint analysis to incorporate heterogeneous preferences into multimodal transit trip simulations" *Systems Engineering*. DOI: 10.1002/sys.21670
5. **Helveston, John P.** (2023) "`logitr`: Fast Estimation of Multinomial and Mixed Logit Models with Preference Space and Willingness to Pay Space Utility Parameterizations" *Journal of Statistical Software*. *105*(10), 1-37. DOI: 10.18637/jss.v105.i10
6. **Helveston, J.P.**, He, G., & Davidson, M.R. (2022) "Quantifying the cost savings of global solar photovoltaic supply chains" *Nature*. 612 (7938), pg. 83-87. DOI: 10.1038/s41586-022-05316-6
7. *Roberson, Laura A. & **Helveston, John P.** (2022) "Not all subsidies are equal: Measuring preferences for electric vehicle financial incentives" *Environmental Research Letters*. 17(084003). DOI: 10.1088/1748-9326/ac7df3
8. Szajnfarber, Z., **Groover, J.A., Wei, Z., Broniatowski, D.A., Chernicoff, W., & **Helveston, J.P.** (2021) "Evolvability Analysis Framework: Adding Transition Path and Stakeholder Diversity to Infrastructure Investment Decisions" *Systems Engineering*. 25(1):35-50. DOI: 10.1002/sys.21600
9. Feinberg, F., Bruch, E., Braun, M., Hemenway Falk, B., Fefferman, N., Feit, E.M., **Helveston, J.P.**, Larremore, D., McShane, B.B., Patania, A., & Small, M.L. (2020) "Choices in networks: a research framework" *Marketing Letters*. 31(4), 349-359. DOI: 10.1007/s11002-020-09541-9
10. *Roberson, Laura A. & **Helveston, John P.** (2020) "Electric vehicle adoption: can short experiences lead to big change?" *Environmental Research Letters*. 15(0940c3). DOI: 10.1088/1748-9326/aba715
11. **Helveston, John P.** & Nahm, Jonas (2019) "China's key role in scaling low-carbon energy technologies" *Science*. 366(6467), pg. 794-796. DOI: 10.1126/science.aaz1014
12. **Helveston, J.P.**, Seki, S., Min, J., **Fairman, E., Boni, A.A., Michalek, J.J., & Azevedo, I. (2019) "Choice at the Pump: Measuring Preferences for Lower-Carbon Combustion Fuels" *Environmental Research Letters*. 14(8). DOI: 10.1088/1748-9326/ab2bd2
13. **Helveston, J.P.**, Wang, Y., Karplus, V.J., & Fuchs, E.R.H. (2019) "Institutional Complementarities: The Origins of Experimentation in China's Plug-in Electric Vehicle Industry" *Research Policy*. 48(1), pg. 206-222. DOI: 10.1016/j.respol.2018.08.006
14. **Helveston, J.P.**, Feit, E.M., & Michalek, J.J. (2018) "Pooling Stated and Revealed Preference Data in the Presence of Endogeneity" *Transportation Research Part B: Methodological*. 109, pg. 70-89. DOI: 10.1016/j.trb.2018.01.010
15. **Helveston, J.P.**, Liu, Y., Feit, E.M., Fuchs, E.R.H., Klampfl, E., & Michalek, J.J. (2015) "Will subsidies

drive electric vehicle adoption? Measuring consumer preferences in the U.S. and China" *Transportation Research Part A: Policy and Practice*. 73, 96–112. DOI: 10.1016/j.tra.2015.01.002

2. Publications Submitted or in Preparation

1. Forsythe, Connor R., Arteaga, C., & **Helveston, J.P.** (2024) "The Mixed Integrated Learning Logit (MILL) Model: A Machine Learning Approach to Modeling Unobserved Heterogeneity in Discrete Choice Analysis" *Working paper*.
2. *Kaplan, Leah, **Nurullaeva, L., & **Helveston, J.P.** (2024) "Modeling the Operational and Labor Costs of Autonomous Robotaxi Services" *Under review*.
3. *Kaplan, Leah, Szajnfarber, Z., & **Helveston, John P.** (2024) "Mapping the AI-Enabled Transformation of Labor in Autonomous Vehicle Taxi Services" *Under review*.
4. *Zhao, Lujin & **Helveston, J.P.** (2024) "Spatial Distributions of Plug-in Electric Vehicle Supply in the United States" *Under review*.
5. Murphree, M., **Helveston, J.P.**, & Breznitz, D. (2024) "Intellectual Property as a Production Input: Expanding Theories of Institutional Change and Profiting from Innovation" *Under review*.

3. Theses

1. **Helveston, John P.** (2016) "Development and Adoption of Plug-in Electric Vehicles in China: Markets, Policy, and Innovation" *Ph.D. Dissertation*. Carnegie Mellon University, Pittsburgh, PA.

4. Abstracts/Peer-Reviewed Original Research