



DR. MODHURIMA DEY AMIN

Assistant Professor,
Agricultural & Applied Economics

*My research will help **consumers and businesses** to make more informed and data-driven decisions with **machine learning** and **artificial intelligence**.*

RESEARCH EXPERTISE

- One Health: universal access to safe and affordable food and nutrition
- Application of big data and machine learning
- Market assessment for new product
- Energy economics
- Finance

PROFESSIONAL PREPARATION

- M.S. Applied Financial Economics, Illinois State University, 2015
- M.S. Statistics, Washington State University, 2020
- Ph.D. Economics, Washington State University, 2020

FAVORITE ARTICLE

Amin, M. D., Badruddoza, S., & McCluskey, J. J. (2021). Predicting access to healthful food retailers with machine learning. *Food Policy*, 99. <https://doi.org/10.1016/j.foodpol.2020.101985>

WHAT MAKES THE DAVIS COLLEGE GREAT?

"The Davis College is a forward-looking institute. The college continuously encourages collaboration among departments and facilitates the resources to be successful in research and teaching. I like the way the college embraces the latest ideas and technologies in teaching and research. One of my research areas is big data and machine learning, which is relatively new in agricultural economics, and I was supported by the college regarding access to restricted big datasets with complicated contracts which ultimately helped me in getting extramural funding. The onboarding Faculty Fellow Program, offered by the college, tremendously helped me in transitioning to a faculty member and equipped me with all the necessary information that is essential to being successful in both the short and long term."