Michigan State University Postdoctoral Position

Position Description:
A Postdoctoral Fellow/Research Associate position is available in the fields of operations and supply chain management. The position is primarily funded by Dr. Mahmoudi's start-up fund. The postdoctoral fellow is expected to conduct empirical and analytical research in food supply chains. The successful candidate will primarily work with Dr. Monireh Mahmoudi from the School of Packaging (College of Agriculture and Natural Resources) and Dr. Stanley Lim from the Department of Supply Chain Management (Eli Broad College of Business) at Michigan State University (MSU).

This position is contingent upon completion of your Ph.D. degree and receipt of appropriate employment authorization from the U.S. Citizenship & Immigration Services, U.S. Department of Homeland Security.

The appointee will be responsible for 1) conducting research and taking leadership in writing research papers and grant proposals; and 2) developing collaboration with other research teams and industry partners. The initial appointment is for one year, with the possibility of an extension for additional years. The expected start time for this position is **January of 2024**, though there is some flexibility in the start time. The position can also accommodate an eight-month duration, so that the appointee may begin a new employment starting in the fall semester. Preferences will be given to candidates who are already in the United States.

Requirements:
- A recently (or close to) completed Ph.D. in Operations Management, Management Science, Operations Research, Industrial Engineering, Computer Science, Applied Mathematics, Economics, or related field is a minimum requirement.
- Advanced knowledge in choice modeling (e.g., multiple discrete models).
- Advanced knowledge in causal inference and use of econometric tools and statistical software (e.g., Stata, R, Python) to conduct research using secondary and primary data.
- Good writing and presentation skills.

Additional Preferred Qualifications:
- Advanced knowledge and demonstrably significant experience with mathematical modeling, optimization algorithms and software (e.g., CPLEX, Gurobi), and data analytics using computer programming software (e.g., R, Python, Matlab).

Application Submission:
As part of the application process, please submit your application here OR send the following application materials to Dr. Monireh Mahmoudi (mahmou18@msu.edu) and Dr. Stanley Lim (slim@msu.edu). The search committee will review applications on the 15th of each month, starting from **October 15, 2023**, until the position is filled.

- Current/Up-to-date full curriculum vitae
- Sample research papers (published, accepted, and/or working)
- Contact information of two references (please include email addresses and phone numbers).

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability, or protected veteran status.

School of Packaging – College of Agriculture and Natural Resources:
The School of Packaging (SoP) holds the prestigious reputation of being the first, the largest, and the most comprehensive packaging school in higher education. The school educates students to thrive in careers such as packaging engineering, design, manufacturing, research and development, and sales. Our graduates can be found across most industries and global Fortune 500 companies, and our Ph.D. graduates teach at universities around the world. Students graduate with foundational knowledge across all aspects of packaging, positioning them to work in multiple capacities for top global companies. MSU SoP graduates have developed a strong alumni network, are leaders at all organizational levels, and are thought leaders shaping today's sustainable packaging solutions.

Department of Supply Chain Management – Eli Broad College of Business:
Ranked #1 in the U.S. News and World Report, the Supply Chain Management Department (http://supplychain.broad.msu.edu/) is the home of internationally recognized faculty who are among the most accomplished scholars and teachers. The department offers a Bachelor's degree in Supply Chain Management, an M.S. in Supply Chain Management, and Ph.D. in both Logistics Management, and Operations & Sourcing Management. The department contributes heavily to the Executive and Full-time MBA programs, online certificate programs, and is very active in executive education programs.

MSU Statement:
Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.