**HANNA CARLSON**

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**EDUCATION**

**Michigan State University | Expected Graduation: May 2024**

Doctor of Philosophy (PhD) in Development Economics

Department of Agricultural, Food, and Resource Economics

**University of Kentucky | August 2014 – May 2019**

Bachelor of Science in Economics with a Minor in International Business

Bachelor of Arts in Modern & Classical Languages, Literature & Cultures (French)

Bachelor of Arts in Mathematical Economics

**WORK EXPERIENCE**

**Graduate Research Assistant | Michigan State University**

*August 2020 - Present*

Mali Food Security Policy Research Program | August 2020 – December 2021

* Conducted econometric analysis using Quadratic Almost Ideal Demand System estimation to study food consumption patterns and assess food security policies in Mali.
* Collaborated with faculty members to review and synthesize relevant literature to inform the research design.
* Presentedfindings at the Sustainability and Development Conference in January 2022 at the University of Michigan (Virtual)

Innovation Lab for Food Security Policy Research, Capacity & Influence - Technical Training Program | January 2021 – August 2021

* Assisted in developing training materials and organizing and promoting events for a technical training program aimed at equipping Economic Researchers in Sub-Saharan Africa with essential research techniques.
* Facilitated training sessions and collected feedback from participants to improve the program's effectiveness.
* Contributed to the enhancement of research skills and ethical practices in the economic research community.

Innovation Lab for Food Security Policy Research, Capacity & Influence - Research Project on Processed Millet in Senegal | August 2021 - Present

* Employed advanced econometric techniques, including Stochastic Frontier Analysis, to analyze data on processed millet in Senegal.
* Demonstrated expertise in handling complex and unclean data from developing countries, ensuring the accuracy and robustness of research outcomes.
* Presented research findings at the Agricultural and Applied Economics Association Annual Conference in Washington D.C., July 2023.

**Undergraduate Research Assistant | Center for Business and Economic Research, University of Kentucky**

*August 2018 - May 2019*

* Assisted in the creation of statistics about the Kentucky economy for the *Kentucky Annual Economic Report*, which was widely used by policymakers, businesses, and organizations for informed decision-making.
* Conducted data analysis on various economic indicators, including employment, income, health, education, and agriculture, to provide valuable insights on the state's economic performance.

**World Trade Center of Kentucky | Trade Research Intern**

*May 2017 - October 2017*

* Researched international trade policy relevant to major clients.
* Coordinated with executive team to organize the annual Global Executive Forum.

**SKILLS**

* Proficient in econometric analysis, with expertise in Quadratic Almost Ideal Demand System estimation, Selection Models, and Stochastic Frontier Analysis.
* Strong data management skills, with extensive experience cleaning, organizing, and analyzing complex datasets using Excel and Stata and designing surveys in Qualtrics.
* Experienced in conducting literature reviews and synthesizing academic research for evidence-based policymaking.
* Excellent written and oral communication skills, demonstrated through international conference presentations and technical training facilitation.

**LEADERSHIP**

**President | Department of Agricultural, Food, and Resource Economics (AFRE) Graduate Student Organization**

*May 2021 – May 2023 (Elected - May 2021, Re-Elected - May 2022)*

* Serve on AFRE Graduate Policy Committee, conveying student interests to departmental leadership regarding graduate program requirements and policies.
* Served as the graduate student representative for 3 hiring committees within the department.
* Led initiatives to improve graduate student mental health through compiling and providing resources, advocating for policy change within the department, and promoting diversity and inclusivity within the student body.

**AWARDS AND FELLOWSHIPS**

* University Enrichment Fellowship

*Michigan State University | August 2019 - May 2024*

* 2nd Place in Student Case Study Competition

*International Food and Agribusiness Management Association | June 2023*

* 2nd Place - AEM/GSS Case Study Competition

*Agricultural and Applied Economics Association | August 2022*

* Outstanding Graduating Senior

*University of Kentucky, Department of Economics | Spring 2019*

* 1st Place in Oswald Research and Creativity Award (Social Sciences Category)

*University of Kentucky | 2018*