

Rabail Chandio

August 2023

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Professional Experience

Assistant Professor, Department of Economics, Iowa State University, August 2023 -present.

Graduate Research Assistant, Farm Income Enhancement Program, Department of AEDE, The Ohio State University, August 2021 - August 2023.

Graduate Research Assistant, Global Water Institute, College of Engineering, The Ohio State University, May 2021 - July 2021.

Graduate Teaching Assistant, Department of AEDE, The Ohio State University, August 2019 - May 2021.

Education

Ph.D. Agricultural, Environmental & Development Economics, The Ohio State University, August 2023

Advisors: Dr. Ani Katchova and Dr. Leah Bevis

M.S. in Agricultural, Environmental & Development Economics, The Ohio State University, August 2020.

B.Sc (Hons) Economics & Mathematics, Lahore University of Management Sciences, June 2018.

Research

Research Interests

Agricultural Economics, Agricultural Policy, Risk Management, Agricultural Finance, Applied Econometrics, Causal Inference

Working Papers

Chandio, R. and A. Katchova. "Herding in the USDA Baseline Projections."

Chandio, R. "Conflicts and Conservation in the Amazon."

Chandio, R., A.L. Katchova, D. Subedi, and A.K. Giri. "Heterogeneities in Farm Debt Use and Impact of Government Support During the Pandemic"

Works in Progress

Chandio, R. "Inverse Productivity-Size and the Green Revolution."

Presentations

Chandio, R. and A.L. Katchova. "Sources of Bias in the USDA Baseline Projections." Selected Paper, NC1177, October 17-18, 2022.

Chandio, R. and A.L. Katchova. "Sources of Bias in the USDA Baseline Projections." Selected Paper, AAEA Annual Meeting, July 31-August 2, 2022.

Chandio, R. and L. Bevis. "Long term Impacts of the Green Revolution in India" Selected Paper, AAEA Annual Meeting, July 31-August 2, 2022.

Chandio, R. "Conflicts and Conservation in the Amazon." Selected Paper, AAEA Annual Meeting, July 31-August 2, 2022.

Katchova, A.L., S. Bora, R. Chandio, and K. Ding. "The Accuracy and Informativeness of Agricultural Baselines." Brown Bag Seminar, USDA-ERS, 6 July 2022.

Chandio, R. and A.L. Katchova. "Herding in the USDA Baseline Projections." Selected Paper, NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting and Market Risk Management, April 25-26, 2022.

Chandio, R. and L. Bevis. "Winners and Losers in India's Green Revolution" Edward F. Hayes Graduate Research Forum, The Ohio State University, March 4, 2022.

Katchova, A.L., S. Bora, R. Chandio, K. Ding, X. Fang. "Evaluating the USDA Agricultural Baseline Projections." Briefing to USDA-ERS MTED Administrators, 14 December 2021.

Chandio, R. "Conflicts and Conservation in the Amazon." Development Workshop, University of Georgia, October 22, 2021.

Chandio, R. "Conflicts and Conservation in the Amazon." Edward F. Hayes Graduate Research Forum, The Ohio State University, April 9, 2021.

Teaching Experience

The Ohio State University

AEDECON 3130 - Principles of Agribusiness Finance (Lead Instructor), Fall 2022

Enrollment: 50 students. Responsibilities: taught lectures, developed course content, supervised TA, graded HW and exams, held office hours.

Topics include: agribusiness financial statements, financial reporting, decision-making for farm management and optimization, and concepts from production economics.

Student Evaluation of Instruction Score: 3.43/5.

AEDECON 8202 - Agricultural Finance (Guest Lecture), Fall 2022

PhD field seminar course. Guest lecture in the session "New Methods in Agricultural Economics."

AEDECON 6130 - Applied Quantitative Methods III (Lab Instructor & Teaching Assistant), Spring 2021

Responsibilities: Taught weekly lab sessions (econometrics instruction with R), graded homework and exams, and held office hours.

Student Evaluation of Instruction Score: 5/5.

AEDECON 7120 - Advanced Quantitative Methods II (Lab Instructor & Teaching Assistant), Fall 2020

Responsibilities: Taught weekly lab sessions (econometrics instruction with MATLAB), graded homeworks and exams, and held office hours.

Student Evaluation of Instruction Score: 4.67/5.

AEDECON 7110 - Advanced Quantitative Methods I (Lab Instructor & Teaching Assistant), Fall 2020
Responsibilities: Taught weekly lab sessions (econometrics instruction with MATLAB), graded homeworks and exams, and held office hours.

Student Evaluation of Instruction Score: 4.89/5.

AEDECON 4535 - International Economic Development (Teaching Assistant), Spring 2020
Responsibilities: Graded homeworks and exams, and held office hours.

AEDECON 3102 - Principles of Agribusiness Marketing (Teaching Assistant), Spring 2020
Responsibilities: Graded homeworks and exams, and held office hours.

AEDECON 3101 - Principles of Agribusiness Management (Teaching Assistant), Fall 2019
Responsibilities: Graded homeworks and exams, and held office hours.

Lahore University of Management Sciences

ECON 232 - Introduction to Game Theory (Teaching Assistant), Fall 2016; Fall 2018
Responsibilities: Graded homeworks and exams, and held office hours.

MATH 101 - Calculus I (Teaching Assistant), Spring 2017; Spring 2018
Responsibilities: Taught weekly recitations, graded homeworks and exams, and held office hours.

Extension/Outreach

Outreach Reports

Chandio, R., A.L. Katchova, A.K. Giri, D. Subedi, and N. Paulson. "Trends in Ohio Government Payments during the COVID-19 Pandemic." Report, Department of Agricultural, Environmental, and Development Economics, The Ohio State University, 20 March 2023. [[link](#)]

Katchova, A.L., R. Chandio, and K. Ding. "Boom or Bust: Where are Ohio Farms Financially?" Report, Department of Agricultural, Environmental, and Development Economics, The Ohio State University, 28 September 2022. [[link](#)]

Chandio, R., H. Wu, A.L. Katchova, A.K. Giri, and D. Subedi. 2022. "Benchmarking Ohio Farms' Financial Health" Report, Department of Agricultural, Environmental, and Development Economics. [[link](#)].

Chandio, R., and A.L. Katchova. 2022. "Accuracy in USDA International Baseline Projections for the U.S. Compared to Other Global Leaders in Corn and Soybeans." Report, Department of Agricultural, Environmental, and Development Economics. [[link](#)].

Chandio, R., and A.L. Katchova. 2021. "USDA and OECD Baseline Projections." Report, Department of Agricultural, Environmental, and Development Economics. [[link](#)].

Outreach Presentations

Katchova, A.L., R. Chandio, and K. Ding. (with contributions from X. Fang, Z. Sun, and H. Wu.) "Boom or Bust: Where are Ohio Farms Financially?" Ask the Expert, OSU Farm Science Review, 20 September 2022, London, OH.

Chandio, R. "Formalizing Farm Financial Documents for Better Farm Management" AAEA Extension Graduate Student Competition, AAEA Annual Meeting, July 31-August 2, 2022.

Katchova, A.L. and S. Bora (R. Chandio contributor) "Are Our Farms Financially Secure?" Ask the Expert, OSU Farm Science Review, 21 September 2021, London, OH. [[link](#)].

News Articles

"Farm Income Enhancement Program studies financial performance of Ohio Farms", News Report, Department of Agricultural, Environmental, and Development Economics. October 13, 2022. [[link](#)]

"Farm Income Enhancement Program studies accuracy of agricultural baselines", News Report, Department of Agricultural, Environmental, and Development Economics. April 4, 2022. [[link](#)]

Media Mentions

Financial Analysis and Performance of Ohio Farms, Ohio Ag Manager, October 12, 2022. [[link](#)]

Farm Income Enhancement Program studies accuracy of agricultural baselines, Ohio's Country Journal Online Edition, April 4, 2022. [[link](#)]

Honors and Awards

Top 10 Finalist for AAEE Extension Graduate Student Competition, 2022.

University Fellowship, The Ohio State University, 2018-2019.

Dean's Honor List, Lahore University of Management Sciences, 2015-2018.

Successful Completion, The Erdős Institute's Data Science Boot Camp, May 2021.

Grants Experience

"Evaluating the USDA Agricultural Baseline Projections." PI: A.L. Katchova, GRA: Rabail Chandio, USDA ERS Cooperative Agreement, ERS Administrator Office, \$90,000.

Service/Leadership

Reviewer for European Review of Agricultural Economics, Applied Economics Perspectives and Policy, Agricultural Economics, Journal of Commodity Markets, AAEE annual meeting 2022, 2023 abstracts.

Contribution to reviews: American Journal of Agricultural Economics, Agricultural Finance Review, Agribusiness: an International Journal, Agricultural Finance Review outstanding article award selection, USDA ERS Reports.

President, Graduate Women in Economics, January 2022 - August 2023.

Graduate Student Mentor, Department of Agricultural, Environmental and Development Economics, The Ohio State University, August 2021 - July 2022.

AEDE Liason, Graduate Women in Economics, May 2021 - December 2021.

2nd Year Student Representative, AEDE Graduate Student Association, August 2019 - May 2020.

Skills and Proficiency

Programming: Stata, R, MATLAB, Python, L^AT_EX

Professional Affiliations

Agricultural and Applied Economics Association

NC1177: Agricultural and Rural Finance Markets in Transition

NCCC-134: Applied Commodity Price Analysis, Forecasting and Market Risk Management