

RABAIL CHANDIO

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PROFESSIONAL EXPERIENCE

Assistant Professor , Department of Economics; Iowa State University Extension and Outreach; Center for Agricultural and Rural Development, Iowa State University	Aug 2023 – present
Academic Vice President , Iowa Chapter of the American Society of Farm Managers and Rural Appraisers	Nov 2023 – present
Graduate Research Assistant , Farm Income Enhancement Program, Department of Agricultural, Environmental, and Development Economics, The Ohio State University	Aug 2021- Aug 2023
Graduate Research Assistant , Global Water Institute, College of Engineering, The Ohio State University	May 2021 – Jul 2021
Graduate Teaching Assistant , Department of Agricultural, Environmental, and Development Economics, The Ohio State University	Aug 2019 – May 2021

EDUCATION

PhD in Agricultural, Environmental & Development Economics The Ohio State University Advisors: Dr. Ani Katchova and Dr. Leah Bevis	Aug 2023
MS in Agricultural, Environmental & Development Economics The Ohio State University	Aug 2020
BSc (Hons.) in Economics and Mathematics Lahore University of Management Sciences Graduated with High Distinction	June 2018

RESEARCH

Research Interests

Land Economics, Agricultural Policy, Agricultural Finance, Applied Microeconometrics

Manuscripts Under Review

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

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

Working Papers

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

Works in Progress

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

Bevis, L., and R. Chandio. "Winners and Losers in India's Green Revolution."

Conference Presentations and Invited Seminars

1. Chandio, R., A.L. Katchova, D. Subedi, A.K. Giri. "Impact of Interest Rate and Government Payments on Farm Debt." Selected Paper, AAEA Annual Meeting, July 23-25, 2023.
2. Chandio, R. and A.L. Katchova. "Sources of Bias in the USDA Baseline Projections." Selected Paper, NC1177, October 17-18, 2022.
3. Chandio, R. and A.L. Katchova. "Sources of Bias in the USDA Baseline Projections." Selected Paper, AAEA Annual Meeting, July 31-August 2, 2022.
4. Chandio, R. and L. Bevis. "Long-term Impacts of the Green Revolution in India" Selected Paper, AAEA Annual Meeting, July 31-August 2, 2022.
5. Chandio, R. "Conflicts and Conservation in the Amazon." Selected Paper, AAEA Annual Meeting, July 31-August 2, 2022.
6. Katchova, A.L., S. Bora, R. Chandio, and K. Ding. "The Accuracy and Informativeness of Agricultural Baselines." Brown Bag Seminar, USDA-ERS, July 6, 2022.
7. 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.
8. 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.
9. Katchova, A.L., S. Bora, R. Chandio, K. Ding, X. Fang. "Evaluating the USDA Agricultural Baseline Projections." Briefing to USDA-ERS MTED Administrators, December 14, 2021.
10. Chandio, R. "The Cost of Saving the Amazon." Online Summer Workshop in Environment, Energy, and Transportation (OSWEET). Online Invited Seminar, December 3, 2021.
11. Chandio, R. "Conflicts and Conservation in the Amazon." Development Workshop, University of Georgia, October 22, 2021.
12. Chandio, R. "The Cost of Saving the Amazon." Edward F. Hayes Graduate Research Forum, The Ohio State University, April 9, 2021.

Extension/ Outreach Reports and Policy Briefs

1. 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](#)]
2. 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](#)]
3. 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](#)].
4. 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](#)].
5. Chandio, R., and A.L. Katchova. 2021. "USDA and OECD Baseline Projections." Report, Department of Agricultural, Environmental, and Development Economics. [[link](#)].

Extension/Outreach Articles

1. Chandio, R. 2023. “[Aging Iowa farmers and the anticipated farmland transfer](#)” Ag Decision Maker Newsletter, Iowa State University Extension and Outreach, November 2023.

Extension/Outreach Presentations

1. Chandio, R. “Roots and Returns: Iowa Farmland Values and Ownership Dynamics,” 2023 Virtual Pro-Ag Outlook Webinar, Iowa State University Extension and Outreach, 14 November 2023.
2. Chandio, R. “Farmland Trends and Ownership,” 2023 Midwest Agriculture Conference, Federal Reserve Bank of Chicago, Invited Talk, 28 November 2023.
3. Chandio, R. “Roots and Returns: Iowa Farmland Values and Ownership Dynamics 34th Integrated Crop Management Conference, Iowa State University Extension and Outreach, 4-5 December 2023.
4. Chandio, R. and A.L. Katchova. “Farm Financial Outlook: Land Values and Cash Rents. Where Have They Been? And Where Will They Go?” Extension seminar, Iowa State University, 26 January 2023.
5. Katchova, A.L. (with contributions from R. Chandio, K. Ding, X. Fang, and Z. Sun) “Ohio Farm Finance Outlook.” OSU Agricultural Policy and Outlook Conference, 15 November 2022.
6. 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.

7. Katchova, A.L. (Panelist) (with contributions from R. Chandio, K. Ding, X. Fang, Z. Sun, and H. Wu.) “Global Uncertainty and the Heartland.” The Talk on Friday Avenue, OSU Farm Science Review, 20 September 2022, London, OH.
8. Chandio, R. "Formalizing Farm Financial Documents for Better Farm Management" AAEA Extension Graduate Student Competition, AAEA Annual Meeting, July 31-August 2, 2022. [[link](#)].
9. Katchova, A.L. and S. Bora (R. Chandio contributed) “Are Our Farms Financially Secure?” Ask the Expert, OSU Farm Science Review, 21 September 2021, London, OH.

MEDIA CONTACTS AND INTERVIEWS

News Articles

1. "Farm Income Enhancement Program studies financial performance of Ohio Farms", News Report, Department of Agricultural, Environmental, and Development Economics. October 13, 2022. [[link](#)]
2. "Farm Income Enhancement Program studies accuracy of agricultural baselines", News Report, Department of Agricultural, Environmental, and Development Economics. April 4, 2022. [[link](#)]

Media Mentions

1. Several factors go into farmland buying decisions, Missouri Farmer Today, November 6, 2023. [[link](#)]
2. Financial Analysis and Performance of Ohio Farms, Ohio Ag Manager, October 12, 2022. [[link](#)]
3. Farm Income Enhancement Program studies accuracy of agricultural baselines, Ohio’s Country Journal Online Edition, April 4, 2022. [[link](#)]

TEACHING EXPERIENCE

Iowa State University

Assistant Professor, Department of Economics

- ECON 364 – Rural Property Appraisal, Spring 2024
Undergraduate level course in agricultural finance, 3 credit hours. Enrollment of 50-90 students annually. The course teaches fundamentals and principles of valuing and appraising rural property, especially farmland. Educational tools include Excel examples, guest lectures from professional appraisers, and team projects.

The Ohio State University

Graduate Teaching Associate, Department of Agricultural, Environmental and Development Economics

- 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, and 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
Ph.D. 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 homework 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 homework 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 homework and exams and held office hours.
- AEDECON 3102 - Principles of Agribusiness Marketing (Teaching Assistant), Spring 2020
Responsibilities: Graded homework and exams and held office hours.
- AEDECON 3101 - Principles of Agribusiness Management (Teaching Assistant), Fall 2019
Responsibilities: Graded homework and exams and held office hours.

HONORS AND AWARDS

Top 10 Finalist for AAEA 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

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

SERVICE AND LEADERSHIP

- Reviewer for European Review of Agricultural Economics, Applied Economics

Perspectives and Policy, Agricultural Finance Review, Agricultural Economics, Journal of Commodity Markets, AAEA annual meeting 2022, 2023 abstracts.

- *President*, Graduate Women in Economics, January 2022 - August 2023.
- *Search Committee Member*, Agricultural Economics and Agribusiness Faculty Position in Department of Agricultural, Environmental and Development Economics, The Ohio State University, 2022-2023.
- *Graduate Student Mentor*, Department of Agricultural, Environmental and Development Economics, The Ohio State University, August 2021 - July 2022.
- *AEDE Liaison*, Graduate Women in Economics, May 2021 - December 2021.
- *2nd Year Student Representative*, AEDE Graduate Student Association, August 2019 - May 2020.

PROFESSIONAL AFFILIATIONS

Agricultural and Applied Economics Association, 2021-present

NC1177: Agricultural and Rural Finance Markets in Transition, 2021-present