

Rwit Chakravorty

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Education	Ph.D. Economics <i>Iowa State University, Ames, Iowa</i>	<i>2020-2025(Expected)</i>
	Master of Arts in Economics <i>Jadavpur University, Kolkata, India</i>	<i>2017-2019</i>
	Bachelor of Science in Economics <i>University of Calcutta, Kolkata, India</i>	<i>2014-2017</i>
Skills	Experienced: Latex, R, Stata, Python, Machine Learning Basic Familiarity: ArcGIS, PySpark, SQL, Gauss, Matlab Research interests: Causal Inference, Agricultural Economics, Applied Microeconometrics	
Research	Graduate Research Assistant <i>Iowa State University, Ames, Iowa</i>	<i>Fall 2022-Present</i>
	<ul style="list-style-type: none">• Clean and merge unbalanced datasets on climate, topography, and various crop yield and crop insurance metrics• Designed surveys and identification strategies to explore causal relationships in the context of tile drainage investment	
Work Experience	Business Analyst <i>Affine Analytics Pvt. Ltd., Bengaluru, India</i>	<i>2019-2020</i>
	<ul style="list-style-type: none">• Analyzed big data (stream of consumer bookings) using ML techniques to provide insights about the impact of promotional offers• Investigated demand drivers in the transport sector to provide accurate sales forecasts	
	Summer Intern(Cross-selling) <i>State Bank of India (SBI), Kolkata, India</i>	<i>Summer, 2018</i>
Affiliations and Service	<ul style="list-style-type: none">• Designed and conducted surveys in rural Bengal on banking needs of businesses	
	Help Room Coordinator <i>Department of Economics, Iowa State University</i>	<i>2021 - 2023</i>
	Managed a team of teaching assistants and held charge of the help room, which is a supplemental instruction service	
	Press Secretary <i>Economics Graduate Student Association (EGSA)</i>	<i>2022 - 2023</i>

	<p>Organized social events for graduate students, and mentored a first-year graduate student</p>
	<p>Graduate Student Representative <i>2021 - Present</i> <i>Diversity, Equity, Inclusion and Belonging (DEIB) Committee</i> Contributed to the formulation of DEIB mission and vision statements</p>
	<p>Volunteer <i>2015 - 2016</i> <i>Make A Wish Foundation, India</i> Led volunteer groups in interactions with terminally ill children and their families, granted numerous wishes</p>
Professional Development (enrolled at Iowa State University)	<p>Preparing Future Faculty (ongoing) This program is meant to help develop teaching skills through course work and hands-on teaching experience.</p> <p>Graduate Student Teaching Certificate (14 credit hours) This program is designed to prepare eligible teachers and faculty to serve in roles with the goal of improving teacher practices in postsecondary education.</p>
Teaching (at Iowa State University)	<p>Instructor <i>Summer, 2022; Summer 2023</i> <i>Principles of Microeconomics (ECON 101)</i></p> <p>Teaching Assistant <i>Spring, 2022; Fall 2021</i> <i>Intermediate Microeconomics (ECON 301)</i></p> <p><i>Principles of Microeconomics (ECON 101)</i> <i>Winter 2023; Spring, 2021; Fall 2020</i></p> <p>Guest Lecturer <i>Spring, 2024</i> <i>Agricultural, Food and Trade Policy (ECON 460/560)</i></p>
Works in Progress	<p>Efficiency and Coordination of Tile Drainage Investments in the US Corn Belt <i>Research Question: In light of coordination issues, is drainage investment sufficient to maximize agricultural sector surplus?</i></p> <p>Barriers to Voluntary Tile Drainage Investments in the U.S. Corn Belt <i>Research Question: What is the relative importance that individual farmers place on the different barriers to voluntary adoption of tile drainage?</i></p> <p>The Choice of Tillage, Cover Crops and Tile Drainage: Economic and Environmental Implications <i>Research Question: Examining adoption complementarities in conservation practices, and the effect of joint adoption on economic and environmental outcomes.</i></p>
Presentations	<p>Midwest Economics Association 87th Annual Meeting 2023, 2024</p> <p>Agricultural and Applied Economics(AAEA) Annual Meeting 2023, 2024 (selected presentation)</p> <p>Soil and Water Conservation Society International 78th Annual Conference 2023</p> <p>Heartland Environmental and Resource Economics Workshop, 2023</p>