

Sanchaita Hazra

PhD Candidate, University of Utah

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Research Interests

Primary: Behavioral and Experimental Economics, Applied AI, Human-AI Collaboration

Secondary: AI for Science, Applied Microeconomics, Computational Social Science

Education

- 2021 – **PhD in Economics**, *University of Utah*, Salt Lake City, USA
Expected 2026 Committee: Haimanti Bhattacharya (co-advisor), Subhasish Dugar (co-advisor), Gabriel A. Lozada (UUtah), Daniel Martin (UCSB), Chris Callison-Burch (UPenn)
- 2016 – 2018 **Masters in Economics**, *University of Calcutta*, India
Special Papers: Game Theory and Information, Experimental Economics, Labor Economics
- 2013 – 2016 **Bachelors in Economics**, *Gokhale Memorial Girls' College, University of Calcutta*, India
Awarded First-Class Honors; Graduated 4th in the cohort

Experiences

- Aug 2022–Now **Associate Instructor**, *University of Utah*, Salt Lake City, USA
- Probability and Statistics: Summer 2025
 - Principles of Macroeconomics: Summer 2024
 - Principles of Microeconomics: Fall 2023, Spring 2024, Fall 2024
 - Intermediate Microeconomics: Summer 2023, Fall 2025
 - Departmental Tutoring Instructor (QPod): Summer 2025, Spring 2025, Spring 2024, Spring 2023, Fall 2022
- Aug 2021–Now **Teaching/Grading Assistant**, *University of Utah*, Salt Lake City, USA
- Principles of Microeconomics: Spring 2022, Spring 2023
 - Principles of Macroeconomics: Fall 2022, Spring 2023
 - Political Economy Race Class and Gender: Fall 2022
 - Probability and Statistical Inference for Economists: Spring 2023
 - Econometrics for Business Economics and Analytics: Fall 2023, Fall 2025
 - Intermediate Microeconomics: Spring 2025, Spring 2026, Fall 2021, Fall 2024, Spring 2025
 - Economics of Sex, Drugs, and Crime: Spring 2024
 - Labor Economics: Spring 2025
- Jan–Aug 2021 **Lecturer**, *Women's Christian College, University of Calcutta*, Kolkata, India
- Bachelor courses: Microeconomics, Mathematical Economics, Rural & Comparative Development
- 2019–2021 **Principal Statistician**, *DeepFlux (CSA India)*, New Delhi, India
Mentor: Harshit Surana
- Developed forecasting models with dynamic data modeling for Fortune 500 clients (Disney, Fox Studios, AT Kearney), integrating autoregressive factors, social media buzz, and inventory signals to improve sales predictions
 - Designed visual-similarity product ranking system to enhance targeted & effective marketing advertisements
- Jul 2018–Jul 2020 **Research Assistant**, *Indian Statistical Institute*, Kolkata, India
Mentor: Dr. Priyodorshi Banerjee and Dr. Sanmitra Ghosh
- Data Collection for field experiments, Observational data curation from quasi-natural game environment
- Jul 2015–Aug 2021 **Founder**, *Alankar*, Kolkata, India
- Online jewelry selling [entity](#), serving 3000+ customers worldwide

Awards

- 2025 Featured Job Market Candidate for Lightning Talk & Poster, NABE Tech Conference
- 2025 Outstanding Position Paper Award (*8/12000 submissions*), International Conference on Machine Learning
- 2025 J.J. Rasmussen Research Award of \$3000 for Thesis Dissertation, University of Utah
- 2024 College of Social and Behavioral Science (CSBS) Graduate Travel Awards, University of Utah
- 2024 Haskell Research Award of \$1,500, Department of Economics, University of Utah
- 2023 Graduate Student Travel Assistance Award, University of Utah
- 2023 Research Award (\$3,000), Global Change & Sustainability Center, Wilkes Center for Climate Sc. & Policy
- 2019–2020 Swami Vivekananda Merit-cum-Means Scholarship for Research in Economics, University of Calcutta

Research Works

Published Papers

- Mar 2026 **The Good, the Bad, and the Ugly: The Role of AI Quality Disclosure in Deception Detection**
Journal of Behavioral and Experimental Economics [pdf]
Haimanti Bhattacharya, Subhasish Dugar, **Sanchaita Hazra**, Bodhisattwa P. Majumder (*alphabetical author order*)
- We investigate how low-quality AI advisors, lacking quality disclosures, can help spread text-based deception while seeming to help people detect deception. We discover that individuals' expectations about AI capabilities contribute to their undue reliance on opaque, low-quality advisors.
- Mar 2026 **Accepted with Minor Revisions: The Value of AI-Assisted Scientific Writing**
ACM Conference on Intelligent User Interfaces, 2026 [pdf]
Sanchaita Hazra, Doeun Lee, Bodhisattwa P. Majumder, Sachin Kumar (*Hazra and Lee have equal contribution*)
- Utilizing incentive-compatible randomized experiments, we evaluate the potential of LLMs to support domain experts in writing scientific text, with a focus on abstract composition. We find that authors make most edits when provided with original abstracts, especially when the source remains undisclosed. With disclosure, we see an opposite trend.
- Jul 2025 **Position: AI Safety should prioritize the Future of Work**
International Conference on Machine Learning (ICML, Oral), 2025 [pdf]
Sanchaita Hazra, Bodhisattwa P. Majumder, Tuhin Chakrabarty
- **Outstanding Position Paper**; We highlight a lack of focus on the future of work in the AI safety discourse and recommend a pro-worker AI governance framework to protect labor rights.
- Jul 2024 **Data-driven Discovery with Large Generative Models**
International Conference on Machine Learning (ICML), 2024 [pdf], [blog]
Bodhisattwa P. Majumder, Harshit Surana, Dhruv Agarwal, **Sanchaita Hazra**, Ashish Sabharwal, Peter Clark
- We posit a practical first step towards automating end-to-end scientific discovery where Large Generative Models exhibit incredible potential; however, they alone are not enough.
- Jun 2024 **To Tell The Truth: Language of Deception and Language Models**
North American Chapter of the Association for Computational Linguistics (NAACL, Oral), 2024 [pdf]
Sanchaita Hazra, Bodhisattwa P. Majumder
- We show that there exists a class of algorithmic detectors that have similar but complementary truth detection performance compared to human subjects, only based on textual cues.
- Jun 2023 **Experience, Learning and the Detection of Deception**
Journal of Economic Criminology [pdf]
Priyodorshi Banerjee, Sanmitra Ghosh, **Sanchaita Hazra** (*alphabetical author order*)
- We observe that the effect of repeated exposure in deceptive environments reduces detection error, enabling learning in a high-stakes, quasi-naturalistic environment of a game show.

Working Papers

- 2026 **Process-Oriented Evaluation of AI-Assisted Scientific Writing**
Patrick Queiroz Da Silva, **Sanchaita Hazra**, Doeun Lee, Sachin Kumar, Bodhisattwa Prasad Majumder (*pdf on request*)
- Using 869 keystroke-level edit logs with 240k total edits, we construct behavioral labels and measure linguistic properties of edit bursts to investigate the edit trajectories. Our large-scale process-oriented evaluation highlights the perks and pitfalls of both human and LM editing processes as machine-generated texts emerge in scientific communication.
- 2025 **Uneven Trust in LLMs: Beliefs About Accuracy Vary Across 11 Countries** [pdf]
Sanchaita Hazra, Marta Serra-Garcia (*equal contribution*)
- We combine evidence from a large-scale incentivized cross-country experiment with data from three global surveys (World Values Survey, Reuters, and Ipsos) to document cross-country differences and examine their sources. We show that trust in AI-provided information varies markedly across countries and demographic groups. Trust in AI as an information source is strongly associated with trust in traditional information institutions (press, television, and news organizations), but not with generalized social trust or broad attitudes toward AI.
- 2025 **Groups, Incentives, and Detection of Lies**
Sanchaita Hazra (*pdf on request*)
- In an online experiment, groups jointly identify the veracity of the text-based lies, where the group's guess is determined based on the majority of members' independent guesses. We systematically vary the incentives of the group members with homogeneous or heterogeneous material payoffs (incentives) to mimic real-world social media groups. We find that when individuals perceive a task as equally difficult, the group benefit no longer provides an advantage.

Work in Progress

Does Abundant AI Assistance Invoke Unethical Norms? (*design phase*)

Algorithmic Hypothesis Generation from Large Social Science Data (*experiments conducted*)

Book Reviews

- 2026 **More than a Glitch: Confronting Race, Gender, and Ability Bias in Tech?**, *Feminist Economics*

Talks

- 2026 **How Institutions Shape Trust in AI: Evidence from Experiments and Global Surveys**
Western Economic Association International
- Characterizing Trust on AI as Advisors, Information Sources, and Scientific Assistants**
Western Economic Association International (*Invited Panel Discussion*)
- 2025 **Position: AI Safety should prioritize the Future of Work**
International Conference on Machine Learning (+ *Poster*)
Allen Institute for Artificial Intelligence (*Invited Talk*)
- Detecting Lies from Text: AI, Groups, and Incentives**
Western Economic Association International
North American Economic Science Association
National Association for Business Economics TEC (*Lightening Talk for Job Market Candidates*)
- Uneven Trust in LLMs: Beliefs About Accuracy Vary Across 11 Countries**
Human-AI Collaboration Lab, Kellogg School of Management, Northwestern University (*Invited Talk*)
- Effects of AI Quality Information on Detecting Text-Based Lies**
Human-AI Collaboration Lab, Kellogg School of Management, Northwestern University (*Invited Talk*)
NBER CEME Decentralization Conference (*Poster*)
Bay Area Behavioral Experimental Economics Workshop
- 2024 **To Tell The Truth: Language of Deception and Language Models**
North American Chapter of the Association for Computational Linguistics
- Effects of AI Quality Information on Detecting Text-Based Lies**
National Association for Business Economics TEC (*Invited Talk*)
Summer School of Experimetrics, Soletto
Global Change & Sustainability Center and Wilkes Summit (*Poster*)
North American Economic Science Association
Western Economic Association International
- 2023 **Experience, Learning and the Detection of Deception**
Western Economic Association International
- Humans, Lies, AI**
North American Economic Science Association
- 2020 **Funding Fanny – Microfinance and Empowerment of Women in India**
International Conference on Sustainable Development and Education
Research Scholar's Workshop Visva-Bharati University

Workshops

- 2024 **Summer School & Workshop on Experimetrics & Behavioral Economics**, Soletto, Italy
- 2021–2023 **Behavioral Economics Research Workshop**, *University of Utah*, Salt Lake City
- 2019 **Summer School**, *Presidency University*, Kolkata, India
- 2019 **Workshop on Econometric Methods via R**, *Jadavpur University*, Kolkata, India

Professional Activities

Refereeing: Experimental Economics, International Conference on Machine Learning (2025), Neural Information Processing Systems (2025)

Co-organizer: Panel Future of (Creative) Work, National Association for Business Economics TEC, 2025

Committee: Student Advisory, serving as the Retention, Promotion, and Tenure (RPT) representative

Skillsets

Programming Languages & Tools: Python, R, SQL, JavaScript, STATA, oTree, Excel, $\text{\LaTeX} 2_{\epsilon}$

References

Haimanti Bhattacharya, Department of Economics, University of Utah, haimanti.bhattacharya@utah.edu

Subhasish Dugar, Department of Economics, University of Utah, subhasish.dugar@economics.utah.edu

Marta Serra-Garcia, Rady School of Management, UC San Diego, mserragarcia@ucsd.edu

Chris Callison-Burch, Computer and Information Science, University of Pennsylvania, ccb@upenn.edu