Sanchaita Hazra

PhD Candidate, University of Utah

School of Economics
University of Utah, Salt Lake City
☏ *(+1) 801-577-1813*
✉ sanchaita.hazra@utah.edu
🖥 www.sanchaitahazra.com

Research Interests

Primary: Behavioral and Experimental Economics, Applied AI, Human-AI Collaboration
Secondary: AI for Science, Applied Microeconomics, Computational Social Science

Education

2021 –
Expected 2026
PhD in Economics, *University of Utah*, Salt Lake City, USA
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
- Principles of Macroeconomics: Spring 2022, Fall 2022
- Political Economy Race Class and Gender: Fall 2022
- Probability and Statistical Inference for Economists: Spring 2022
- Econometrics for Business Economics and Analytics: Fall 2023
- Intermediate Microeconomics: Spring 2025, Spring 2026
- Intermediate Microeconomics for Business Economics and Analytics: Fall 2021, Fall 2024, Spring 2025
- 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*), Intl. Conf. on Machine Learning (ICML)
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

March 2026 — **Accepted with Minor Revisions: The Value of AI-Assisted Scientific Writing** [pdf]
ACM Conference on Intelligent User Interfaces, 2026
with Doeun Lee, Bodhisattwa P. Majumder and Sachin Kumar (*SH is the lead author*)
- 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

July 2025 — **Position: AI Safety should prioritize the Future of Work** [pdf]
International Conference on Machine Learning (ICML, Oral), 2025
with Tuhin Chakrabarty and Bodhisattwa P. Majumder (*SH is the lead author*)
- **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.

July 2024 — **Data-driven Discovery with Large Generative Models** [pdf], [blog]
International Conference on Machine Learning (ICML), 2024
with Bodhisattwa P. Majumder, Harshit Surana, Dhruv Agarwal, Ashish Sabharwal and 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.

June 2024 — **To Tell The Truth: Language of Deception and Language Models** [pdf]
North American Chapter of the Association for Computational Linguistics (NAACL, Oral), 2024
with Bodhisattwa P. Majumder (*SH is the lead author*)
- 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.

June 2023 — **Experience, Learning and the Detection of Deception** [pdf]
Journal of Economic Criminology
with Priyodorshi Banerjee and Sanmitra Ghosh (*equal contribution*)
- 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

Job Market Paper — **The Good, the Bad and the Ugly: Effects of AI Quality Information on Detecting Text-Based Lies** [pdf]
with Haimanti Bhattacharya, Subhasish Dugar, Bodhisattwa P. Majumder (*SH is the corresponding author*)
- *Minor Revisions, Journal of Behavioral and Experimental Economics*
- We investigate how low-quality AI advisors, lacking quality disclosures, can help spread text-based lies while seeming to help people detect lies. Participants in our experiment discern truth from lies by evaluating transcripts from a game show that mimicked deceptive social media exchanges on topics with objective truths. We find that when relying on low-quality advisors without disclosures, participants' truth-detection rates fall below their own abilities, which recovered once the AI's true effectiveness was revealed. Conversely, high-quality advisor enhances truth detection, regardless of disclosure. We discover that participants' expectations about AI capabilities contribute to their undue reliance on opaque, low-quality advisors.

2025 — **Uneven Trust in LLMs: Beliefs About Accuracy Vary Across 11 Countries** [pdf]
with Marta Serra-Garcia (*equal contribution*)
- This paper combines data from a large-scale experiment and the World Values Survey (WVS) to examine the determinants of trust in LLMs. The experiment measures trust in LLM-generated answers to policy-relevant questions among over 2,900 participants across 11 countries. Trust in the LLM is significantly lower in high-income countries—especially among individuals with right-leaning political views and lower educational attainment—compared to low- and middle-income countries. Using large-scale data on trust from the WVS, we show that patterns of trust in the LLM differ from those in generalized trust but closely align with trust in traditional information sources.

Work in Progress

Groups, Incentives, and Detection of Lies (*Manuscript on request*)

Norm Violation with AI (*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   **Characterizing Trust on AI as Advisors, Information Sources, and Scientific Assistants**
Western Economic Association International (*Invited Talk*)

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, Soleto
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**, Soleto, 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, $\LaTeX 2_\varepsilon$

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