Dipto Das

POSTDOCTORAL FELLOW · COMPUTER SCIENCE · UNIVERSITY OF TORONTO

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Research Interests

Human-Computer Interaction (HCI), Social Computing, Human-Centered Artificial Intelligence, Algorithmic Fairness and Bias, Responsible AI, Low-Resource Contexts, Cross-Cultural Computing, Content Moderation, Sociotechnical Systems, Natural Language Processing (NLP), ICT for Development (ICTD)

Academic Positions

University of Toronto *Toronto, ON, Canada*
POSTDOCTORAL FELLOW, COMPUTER SCIENCE *2024-present*
- Focus: Ethics of natural language processing
- Advisors: Syed Ishtiaque Ahmed (Dynamic Graphics Project Lab) and Shion Guha (Human-Centered Data Science Lab)
- Other position: Course Instructor (Winter 2026)

University of Colorado Boulder *Boulder, CO, USA*
ADJUNCT PROFESSOR, INFORMATION SCIENCE *2021-present*
- Other positions: Assistant Teaching Professor, Graduate Research/Teaching Assistant, Graduate Part-Time Instructor

Syracuse University *Syracuse, NY, USA*
GRADUATE RESEARCH ASSISTANT, INFORMATION STUDIES *2019-2021*

Missouri State University *Springfield, MO, USA*
GRADUATE ASSISTANT, COMPUTER SCIENCE *2018-2019*

Dhaka International University *Dhaka, Bangladesh*
LECTURER, COMPUTER SCIENCE & ENGINEERING *2017*

Industrial Positions

Consultancy Farm (Covered under a non-disclosure agreement) *USA*
EXPERT CONSULTANT *2024-2025*
- Project: Providing recommendations and feedback on de-biasing AI models

Education

University of Colorado Boulder *Boulder, CO, USA*
PH.D., INFORMATION SCIENCE, CONCENTRATION: HUMAN-COMPUTER INTERACTION *2024*
- Dissertation: "Identity Decolonization amid the Coloniality of Computing"
- Committee: Bryan Semaan (chair), Casey Fiesler, Jed Brubaker, Lilly Irani, and Syed Ishtiaque Ahmed

University of Colorado Boulder *Boulder, CO, USA*
M.S., INFORMATION SCIENCE *2023*
- *Graduate Certification:* Digital Humanities
- *Winter School:* Complex Social Systems Modeling & Networks (New England Complex System Institute, hosted at MIT)

Missouri State University *Springfield, MO, USA*
M.S., COMPUTER SCIENCE *2019*
- Thesis: "A Multimodal Approach to Sarcasm Detection on Social Media"

Bangladesh University of Engineering and Technology *Dhaka, Bangladesh*
B.S.Engg., COMPUTER SCIENCE AND ENGINEERING *2017*
- Senior Thesis: "Question Difficulty Estimation of Stack Overflow Posts"

Awards and Recognitions

2025	**Special Recognition for Outstanding Reviews**, ACM Designing Interactive Systems Conference (DIS)
2025	**Best Paper Honorable Mention Award**, ACM Conference on Human Factors in Computing Systems (CHI) **[C12]**
2024	**Award of Excellence for Outstanding Research**, Department of Information Science, CU Boulder
2024	**Special Recognition for Outstanding Reviews**, ACM Computer-Supported Cooperative Work (CSCW)
2022-2024	**Special Recognition for Outstanding Reviews**, ACM Computer-Human Interaction (CHI), four times
2021	**Nomination for Google PhD Fellowship**, CU Boulder
2021	**Best Paper Honorable Mention Award**, ACM Computer Supported Cooperative Work (CSCW) **[J1]**
2021	**Recognition for Diversity and Inclusion**, ACM CSCW **[J1]**
2020	**Winter School Attendance Scholarship**, New England Complex System Institute
2018	**Winner (Top Three), 3 Minutes Thesis Competition**, College of Natural & Applied Sciences, Missouri State
2016	**Second Runner-up, Youth Earthquake Preparedness Campaign**, UNDP and Bangladesh Government
2016	**Champion, Humanitarian App Idea Contest**, IEEE Bangladesh Section
2016	**Runner-up, Esonance Technical Poster Presentation**, IEEE Islamic University of Technology Branch
2012	**First Place**, Bangladesh Univ. of Engg. & Tech. Undergraduate Entrance Exam (Architecture & Engineering Unit)

Financial Support, Scholarships, and Grants

2025	**Postdoctoral Fellowship**, Institute for Pandemics (IfP) at the University of Toronto (UToronto)	82,775 CAD
2024	**Computing Equipment Funds**, University of Colorado Boulder (CU Boulder)	2,000 USD
2024	**Graduate School Travel Grant**, CU Boulder **[C10]**	450 USD
2024	**Teaching Excellence Award**, Graduate and Professional Student Government (GPSG), CU Boulder	400 USD
2024	**Diversity, Equity, and Inclusion Excellence Award**, GPSG, CU Boulder	400 USD
2024	**GPSG Travel Grant**, CU Boulder **[C10]**	500 USD
2023	**Doctoral Research Fund**, College of Media, Communication and Information (CMCI)	1,000 USD
2023	**ACM CSCW Doctoral Consortium Travel Support**, National Science Foundation (NSF) **[S9]**	2,500 USD
2023	**Doctoral Student Attendee Support**, Human-Computer Interaction Consortium (HCIC)	600 USD
2023	**Cross-Cultural Context in NLP Registration Scholarship**, EACL 2023 **[C9]**	200 USD
2023	**ACM GROUP Doctoral Consortium Travel Support**, NSF **[S8]**	2,500 USD
2022	**Martin Scholarship**, CU Boulder CMCI	2,500 USD
2022	**COMPASS-ICTD Student Travel Grant**, ACM and Meta **[C7, S6, S5]**	700 USD
2022-2024	**Doctoral Student Travel Scholarship**, CU Boulder CMCI **[C10, C7]**	2,900 USD
2021	**Graduate Student Fellowship**, Department of Information Science, CU Boulder	2,000 USD
2021	**Higher Studies Abroad Travel Grant**, Bangladesh Sweden Trust Fund	30,000 BDT
2021	**NSF Grant Writing Workshop Registration Waiver**, Syracuse University Graduate School	100 USD
2020	**PhD Student Travel Support**, School of Information Studies, Syracuse University	1,500 USD
2018	**Late Breaking Results Travel Grant**, ACM International Conference on Multimodal Interaction **[S2]**	500 USD
2016	**Champion, Business Case Competition**, BUET Entrepreneurship Development Club	50,000 BDT
2013-2017	**National Merit Scholarship**, Undergraduate Tuition Fee Waiver w/ Stipend, Govt of Bangladesh	1,050,000 BDT

Publications

Like many other branches of Computer Science, **top-tier venues in HCI and related sub-fields**[1] include extensively peer-reviewed conferences (e.g., CHI and CSCW). These extremely selective conferences, based on double-blinded peer review and intended for archival papers, are **more prestigious compared to journals**[2] in terms of visibility and impact.

UNDER REVIEW

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[1] https://scholar.google.com/citations?view_op=top_venues&hl=en&vq=eng_humancomputerinteraction
[2] See https://dl.acm.org/doi/10.1145/1743546.1743569 and https://dl.acm.org/doi/10.1145/1536616.1536631

[U6] **Auditing Political Bias in Text Generation by GPT-4 using Sociocultural and Demographic Personas: Case of Bengali Ethnolinguistic Communities**
Dipto Das, Syed Ishtiaque Ahmed, and Shion Guha.

[U5] **Can LLM-based Content Moderation Identify Insensitive Speech toward Indigenous Ethnic and Religious Minorities?**
Dipto Das, Achhiya Sultana, Ankit Singh Chauhan, Saadia Binte Alam, Mohammad Shidujaman, Sunandan Chakraborty, and Syed Ishtiaque Ahmed.

[U4] **How do datasets, developers, and models affect biases in a low-resourced language?**
Dipto Das, Shion Guha, and Bryan Semaan.

[U3] **Contextualizing Information Needs in Online Health Communities: The Case of Recovery from Opioid Use Disorder through the Lens of Epistemic Injustice.**
Madhusudan Basak*, **Dipto Das***, Syed Ishtiaque Ahmed, and Sarah Masud Preum. *** = Equal contribution**, *student author is put first.*

[U2] **How Do AI Early Warning Systems in Public Higher Education Amplify Institutional Inequities?**
Kelly McConvey, **Dipto Das**, Maya Ghai, Angelina Zhai, and Shion Guha.

[U1] **Postsecular Computing: Religious, Spiritual, and Faith-based Ethics, Politics, and Pluralism in HCI**
Mohammad Rashidujjaman Rifat, **Dipto Das**, Dylan Thomas Doyle, Nusrat Jahan Mim, Zaidat Ibrahim, Sharifa Sultana, C. Estelle Smith, Jed Brubaker, Robert Soden, and Syed Ishtiaque Ahmed.

FULL PAPERS: PEER-REVIEWED AND ARCHIVED JOURNAL ARTICLES AND CONFERENCE PROCEEDINGS

[P19] **Transphobia is in the Eye of the Prompter: Trans-Centered Perspectives on Large Language Models**
Morgan Klaus Scheuerman, Katy Weathington, Adrian Petterson, Dylan Thomas Doyle, **Dipto Das**, Michael Ann DeVito, and Jed R. Brubaker. ACM Transactions on Computer-Human Interaction (TOCHI). 2025.

[P18] **Identity Alignment and the Sociotechnical Mechanisms of Reconfiguring Emotional Labor in Transnational Gig Education Platforms**
Ben Zefeng Zhang, **Dipto Das**, and Bryan Semaan. Computer Supported Cooperative Work: The Journal of Collaborative Computing and Work Practices (JCSCW). 2025.

[P17] **Residual Mobilities and Religious Practices: Exploring the Experiences of the Hindu Migrants in Canada**
Ananya Bhattacharjee, Mohammad Rashidujjaman Rifat, **Dipto Das**, S M Taiabul Haque, and Syed Ishtiaque Ahmed. Proceedings of the ACM on Human-Computer Interaction: ACM Conference On Computer-Supported Cooperative Work And Social Computing (PACMHCI: CSCW). 2025.

[P16] **The Power of Language: Resisting Western Heteropatriarchal Normative Writing Standards**
Divyanshu Kumar Singh, **Dipto Das**, and Bryan Semaan. ACM CHI Conference on Human Factors in Computing Systems (CHI). 2025.

[P15] **The datafication of care in public homelessness services**
Erina Seh-Young Moon, Devansh Saxena, **Dipto Das**, Shion Guha. ACM CHI Conference on Human Factors in Computing Systems (CHI). 2025. 🏆 Best Paper Honorable Mention

[P14] **Reimagining Communities through Transnational Decolonial Discourse: The Case of Online Video-Mediated Platforms**
Dipto Das, Dhwani Gandhi, and Bryan Semaan. Proceedings of the ACM on Human-Computer Interaction: ACM Conference On Computer-Supported Cooperative Work And Social Computing (PACMHCI: CSCW). 2024.

[P13] **The Politics of Fear and the Experience of Bangladeshi Religious Minority Communities Using Social Media Platforms**
Mohammad Rashidujjaman Rifat*, **Dipto Das***, Arpon Podder, Mahiratul Jannat, Robert Soden, Bryan Semaan, and Syed Ishtiaque Ahmed. Proceedings of the ACM on Human-Computer Interaction: ACM Conference On Computer-Supported Cooperative Work And Social Computing (PACMHCI: CSCW). 2024. *** = Equal contribution.**

[P12] **A Civics-oriented Approach to Understanding Intersectionally Marginalized Users' Experience with Hate Speech Online**
Achhiya Sultana*, **Dipto Das***, Saadia Binte Alam, Mohammad Shidujaman, Syed Ishtiaque Ahmed. International Conference on Information & Communication Technologies and Development (ICTD). 2024. *** = Equal contribution**, *student author is put first.*

[P11] **The "Colonial Impulse" of Natural Language Processing: An Audit of Bengali Sentiment Analysis Tools and Their Identity-based Biases**

Dipto Das, Shion Guha, Jed Brubaker, and Bryan Semaan. ACM CHI Conference on Human Factors in Computing Systems (CHI). 2024.

[P10] **Toward Cultural Bias Evaluation Datasets: The Case of Bengali Gender, Religious, and National Identity**
Dipto Das, Shion Guha, and Bryan Semaan. Workshop on Cross-Cultural Considerations in NLP at the European Chapter of the Association for Computational Linguistics (EACL-C3NLP). 2023.

[P9] **Collaborative Identity Decolonization as Reclaiming Narrative Agency: Identity Work of Bengali Communities on Quora**
Dipto Das and Bryan Semaan. ACM CHI Conference on Human Factors in Computing Systems (CHI). 2022.

[P8] **Understanding the Strategies and Practices of Facebook Microcelebrities for Engaging in Sociopolitical Discourses**
Dipto Das, A.K.M. Najmul Islam, S M Taiabul Haque, Jukka Vuorinen, and Syed Ishtiaque Ahmed. International Conference on Information and Communication Technologies and Development (ICTD). 2022. 💳 Travel Grant

[P7] **"Jol" or "Pani"?: How Does Governance Shape a Platform's Identity?**
Dipto Das, Carsten Østerlund, and Bryan Semaan. Proceedings of the ACM on Human-Computer Interaction: ACM Conference On Computer-Supported Cooperative Work And Social Computing (PACMHCI: CSCW). 2021. 🏆 Best Paper Honorable Mention 🌐 Contribution to Diversity and Inclusion

[P6] **We Need More Power to Stand Up: Designing to Combat Stigmatization of the Caregivers of Children with Autism in Urban Bangladesh**
Abdul Kawsar Tushar, Iffat Jahan Antara, **Dipto Das**, Priyank Chandra, Tanjir Rashid Soron, Md Munirul Haque, Sheikh Iqbal Ahamed, and Syed Ishtiaque Ahmed. International Conference on Information and Communication Technologies and Development (ICTD). 2020.

[P5] **Satire vs Fake News: You Can Tell by the Way They Say It**
Dipto Das and Anthony J. Clark. IEEE International Conference on Transdisciplinary AI (TransAI). 2019.

[P4] **Construct of Sarcasm on social media platform**
Dipto Das and Anthony J Clark. IEEE international conference on humanized computing and communication (HCC). 2019.

[P3] **SOQDE: A Supervised Learning Based Question Difficulty Estimation Model for Stack Overflow**
Sk. Adnan Hassan, **Dipto Das**, Anindya Iqbal, Amiangshu Bosu, Rifat Shahriyar, and Toufique Ahmed. IEEE Asia-Pacific Software Engineering Conference (APSEC). 2018.

[P2] **Social Media Question Asking (SMQA): Whom Do We Tag and Why?**
Hasan Shahid Ferdous, **Dipto Das**, and Farhana Murtaza Choudhury. Australian Conference on Computer-Human Interaction (OzCHI). 2018.

[P1] **Sarcasm Detection on Flickr Using a CNN**
Dipto Das and Anthony J. Clark. International Conference on Computing and Big Data (ICCBD). 2018.

SHORT PAPERS: PEER-REVIEWED AND ARCHIVED POSTERS, NOTES, AND DOCTORAL CONSORTIA

[S10] **BTPD: A Multilingual Hand-curated Dataset of Bengali Transnational Political Discourse Across Online Communities**
Dipto Das, Syed Ishtiaque Ahmed, and Shion Guha. ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW). 2025.

[S9] **Studying Multi-dimensional Marginalization of Identity from Decolonial and Postcolonial Perspectives**
Dipto Das. ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW). 2023. 💳 NSF Supported Doctoral Consortium

[S8] **Decolonization through Technology and Decolonization of Technology**
Dipto Das. ACM International Conference on Supporting Group Work (GROUP). 2023. 💳 NSF Supported Doctoral Consortium

[S7] **Decolonial and Postcolonial Computing Research: A Scientometric Exploration**
Dipto Das and Bryan Semaan. ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW). 2022.

[S6] **A Sociomaterial Perspective on Trace Data Collection: Strategies for Democratizing and Limiting Bias**
Dipto Das, Arpon Podder, and Bryan Semaan. ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies (COMPASS). 2022. 💳 Travel Grant

[S5] **Importance of Digital Profile Pictures on Social Media Perceived by Different Groups**
Dipto Das, Malay Bhattacharyya, Laura S. Gaytan-Lugo, Ebtisam Alabdulqader, and Nova Ahmed. ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies (COMPASS). 2022. 📷 Travel Grant

[S4] **quoras: A Python API for Quora Data Collection to Increase Multi-Language Social Science Research**
Dipto Das and Bryan Semaan. ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW). 2020.

[S3] **Understanding the Attention Model of Humans in Sarcastic Videos**
Dipto Das, Md. Forhad Hossain, and Anthony J. Clark. IEEE International Conference on Transdisciplinary AI (TransAI). 2019.

[S2] **Sarcasm Detection on Facebook: A Supervised Learning Approach**
Dipto Das and Anthony J. Clark. ACM International Conference on Multimodal Interaction (ICMI). 2018. 📷 Travel Grant

[S1] **Faster Evacuation after Disaster: Finding Alternative Routes Using Probable Human Behavior**
Anurata Prabha Hridi, **Dipto Das**, Md Monowar Anjum, and Tanmay Das. ACM SIGCAS Annual Symposium on Computing for Development (DEV). 2016.

WORKSHOPS/SIGS CO-ORGANIZED: LIGHTLY REVIEWED AND ARCHIVED EXTENDED ABSTRACTS

[W5] **HCI, Mobility Justice, and Migration in the Face of Climate Crisis**
Louisa Kayah Williams, Rayan Awad Alim, Reem Talhouk, Marisol Wong-Villacres, Lynn Kirabo Hixon, Carleen Maitland, Tajanae Harris, Vishal Sharma, **Dipto Das**, Bryan Semaan, Syed Ishtiaque Ahmed, Robert Soden. ACM Computer Supported Cooperative Work and Social (CSCW). 2024.

[W4] **Conceptualizing Indigeneity in Social Computing**
Dipto Das, Parboti Roy, Carlos Toxtli-Hernández, Kagonya Awori, Morgan Vigil-Hayes, Monojit Choudhury, Neha Kumar, Syed Ishtiaque Ahmed, and Bryan Semaan. ACM Computer Supported Cooperative Work and Social Computing (CSCW). 2023.

[W3] **Many Worlds of Ethics: Ethical Pluralism in CSCW**
Mohammad Rashidujjaman Rifat, Ayesha Bhimdiwala, Ananya Bhattacharjee, Amna Batool, **Dipto Das**, Nusrat Jahan Mim, Abdullah Hasan Safir, Sharifa Sultana, Taslima Akter, C. Estelle Smith, Bryan Semaan, Shaimaa Lazem, Michael Muller, Robert Soden, and Syed Ishtiaque Ahmed. ACM Computer Supported Cooperative Work and Social Computing (CSCW). 2023.

[W2] **HCI Across Borders: Towards Global Solidarity**
Vikram Kamath Cannanure, Delvin Varghese, Cuauhtemoc Rivera-Loaiza, Faria Noor, **Dipto Das**, Pranjal Jain, Meiyin Chang, Marisol Wong-Villacres, Naveena Karusala, Nova Ahmed, Sarina C Till, Bernard Ijesunor Akhigbe, Melissa Densmore, Susan Dray, Christian Sturm, and Neha Kumar. ACM CHI Conference on Human Factors in Computing Systems (CHI). 2023.

[W1] **HCI Across Borders: Navigating Shifting Borders at CHI**
Vikram Kamath Cannanure, Naveena Karusala, Cuauhtemoc Rivera-Loaiza, Annu Sible Prabhakar, Rama Adithya Varanasi, Anupriya Tuli, Dilrukshi Gamage, Faria Noor, David Nemer, **Dipto Das**, Susan Dray, Christian Sturm, and Neha Kumar. ACM CHI Conference on Human Factors in Computing Systems (CHI). 2022.

MISCELLANEOUS: LIGHTLY REVIEWED AND NON-ARCHIVED ARTIFACTS

[M5] **Identity Alignment and the Sociotechnical Reconfigurations of Emotional Labor in Transnational Gig-education Platforms**
Ben Zefeng Zhang, **Dipto Das**, and Bryan Semaan. Quadrennial joint meeting of the European Association for the Study of Science and Technology and the Society for Social Studies of Science (EASST-4S). 2024.

[M4] **Religion, faith and spirituality, secularism, disciplinary paradigms**
Mohammad Rashidujjaman Rifat, **Dipto Das**, Dylan Thomas Doyle, Nusrat Jahan Mim, Zaidat Ibrahim, Sharifa Sultana, C. Estelle Smith, Jed Brubaker, Robert Soden, Syed Ishtiaque Ahmed. Northeast HCI Meeting (Northeast HCI). 2024.

[M3] **Mapping Belief Landscapes in Social Media**
Joshua Introne, **Dipto Das**, Akit Kumar, and Lizhen Liang. International Conference on Computational Social Science (IC2S2). 2022.

[M2] **Microcelebrities in Bangladesh**
Mohammad Rashidujjaman Rifat, **Dipto Das**, Najmul Islam, and Syed Ishtiaque Ahmed. HCI Across Borders and Intersections Workshop at the ACM CHI Conference on Human Factors in Computing Systems (CHI-HCIxB). 2019.

[M1] **Cost-Efficient Smart Street Lighting System**
   Md Fazlay Rabbi Masum Billah, **Dipto Das**, Imtiaz Karim, Shuha Nabila, and Arnob Paul. International Conference on Networking, Systems, and Security (NSysS). 2017.

Teaching Experience

INSTRUCTOR OF RECORD

University of Toronto   *Toronto, ON, Canada*
COURSE INSTRUCTOR   *Winter 26 - present*
- **CSC 300:** Computers and Society (Winter 26: 150+150 students)

University of Colorado Boulder   *Boulder, CO, USA*
ADJUNCT PROFESSOR   *Fall 25 - present*
- **INFO 4609:** User-Centered Design (Fall 25: 20 students)

ASSISTANT TEACHING PROFESSOR   *Fall 24 - Spring 25*
- **INFO 2301:** Quantitative Reasoning (Fall 24: 37 students, Spring 25: 49 students)
- **INFO 1301:** Statistics for Information Science (Fall 24: 38 students, Spring 25: 31 students)

GRADUATE PART-TIME INSTRUCTOR   *Spring 23, 24*
- **INFO 4609:** User-Centered Design (Spring 24: 20 students)
- **INFO 1301:** Statistics for Information Science (Spring 23: 45 students)

Dhaka International University   *Dhaka, Bangladesh*
LECTURER   *Fall 17*
- **CSE 401 + 402†:** Compiler Design (33+49 students)
- **CSE 301 + 302†:** Algorithm Design and Analysis (54 students)
- **CSE 209:** Computer Organization and Architecture (59 students)
   Note: †=odd and even-numbered courses were lectures and labs, respectively.
   Professional Development: Quality Assurance of Teaching-Learning Methods & Curriculum, Bangladesh Institutional QA Cell

TEACHING ASSISTANT

University of Toronto   *Toronto, ON, Canada*
TEACHING ASSISTANT   *Fall 25*
- **CSC 2615** Ethics in AI, Instructor: Syed Ishtiaque Ahmed

University of Colorado Boulder   *Boulder, CO, USA*
GRADUATE TEACHING ASSISTANT   *Fall 21 - Spring 24*
- **INFO 1111:** Understanding the World Through Data (Fall 23: 160 students/Studio: 32 students), Instructor: Bryan Semaan
- **INFO 1301:** Statistics for Information Science (Fall 22: 60 students), Instructor: Lecia Barker
- **INFO 1201:** Computational Reasoning (Fall 21: 160 students/Recitation: 40, Spring 22: 140/35), Instructor: Jason Zietz

GUEST LECTURER
- **INFO 4601:** Ethical & Policy Dimensions of Information Technology   Fall 22
- **INFO 5604:** Applied Machine Learning   Fall 22
- **INFO 3502:** Online Communities   Spring 24
- **INFO 4620/5620:** Race and Technology   Spring 24

Syracuse University   *Syracuse, NY, USA*
TEACHING PRACTICUM‡   *Fall 19 - Spring 21*
- **IST 649:** Human Interaction with Computers (Fall 19: 8 students), Instructor: Bryan Semaan
- **IST 421:** Information Visualization (Spring 21), Mentor: Josh Introne
- **IST 343:** Data in Society (Spring 20: 86 students), Instructor: Jennifer Stromer-Galley
- **IST 300:** Digital Platforms (Fall 20), Mentor: John Jordan, collaborator: Ellen Simpson
   Note: ‡=Ph.D. Students at Syracuse University developed and redesigned courses, and shadowed faculty through a practicum.

GUEST LECTURER
- **IST 421:** Information Visualization   Spring 21

Missouri State University   *Springfield, MO, USA*

GRADUATE ASSITANT   *Spring 18 - Spring 19*

- **CSC 130:** The World of Computer Science (Spring 18: 42 students, Spring 19: 45 students), Instructor: Yang Wang
- **CSC 131:** Computational Thinking (Fall 18: 68 students, Spring 19: 37 students), Instructors: Jamil Saquer, Sam Bumgardner

GUEST LECTURER

- **CSC 325/611:** Algorithms and Advanced Data Structures   Spring 19

MENTORING

Multiple Institutions

PHD STUDENTS

- **Erina Moon**, University of Toronto (2024–); Co-author: [P15]
- **Kelly McConvey**, University of Toronto (2024–); Co-author: [U2]

MASTERS STUDENTS

- **Ankit Singh Chauhan**, Indiana University Indianapolis (2025–); Co-author: [U5]
- **Shruti Sunil Wakchoure**, University of Colorado Boulder (2024-25); Grader: INFO 1301 and INFO 2301 (Fall 24-Spring 25)
- **Yan Xia**, University of Colorado Boulder (2023)
- **Bhawneet Singh**, University of Colorado Boulder (2023); Grader: INFO 1301 (Spring 23)
- **Dhwani Gandhi**, Syracuse University (2020-21); Co-author: [P14]

UNDERGRADUATE STUDENTS

- **Afrin Prio**, University of Toronto (2024–); Honors Thesis
- **Acchiya Sultana**, Independent University Bangladesh (2024–); Co=author: [P12, U5]
- **Matthew Tamura**, University of Toronto (2024–)
- **Arpita Kundu**, Khulna University of Engineering & Technology (2023)
- **Arpon Podder**, Khulna University of Engineering & Technology (2020–); Co-author: [P13, S6]

Skills

Programming and Scripting Languages/Frameworks:
Python, R, SQL, Java, C++, LaTeX, HTML5, CSS, Flask, Django

Research Methods:
Interviews, Survey design, Ethnography, Trace ethnography, Experiment Design, Observation studies, User research, Field studies, Thematic analysis, Grounded theory analysis, Workshops, Prototyping, Wireframing

Domain Knowledge:
UX research and design, Natural language processing, Large Language Models, Generative AI, Prompt engineering, Computer vision, Deep learning, Machine learning, Data mining, Social network analysis, Statistics, Data visualization

Platforms/Tools:
Figma, Tableau, BigQuery, Weka, Quirkos, MaxQDA, Gephi, Adobe Illustrator, Oracle DBMS, MySQL, PostgreSQL, GitHub

Professional Services

Conference Organization and Program Committee

ASSOCIATE CHAIR

- ACM Conference on Human Factors in Computing Systems **(ACM CHI)**
    - Interaction Beyond the Individual (2026)
    - Late Breaking Work (2024)
    - Late Breaking Work (2022)
- ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing **(ACM CSCW)**
    - 2026
    - Empirical Studies: Qualitative (2025)
    - Poster (2022)
- ACM Designing Interactive Systems Conference **(ACM DIS)**
    - Critical Computing and Design Theory (2025)
    - Paper Awards Committee (2025)
- ACM SIGCHI Conversational User Interfaces Conference **(ACM CUI)** 2025
- International Conference of Human-Computer Interaction (HCI) Design & Research **(India HCI)** 2025

PROGRAM COMMITTEE MEMBER
- ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization **(ACM EAAMO)** 2025
- ACM Conference on Fairness, Accountability, and Transparency **(ACM FAccT)** 2025
- IEEE Annual International Computer Software and Applications Conference **(IEEE COMPSAC)**
    – Human Computing & Social Computing (2025)
- AAAI Conference on Artificial Intelligence **(AAAI)** 2023
- International Conference on Information & Communication Technologies and Development **(ICTD)** 2022
- Social Media Influencers Conference (student session) 2022
- ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies **(ACM COMPASS)** 2024, 2021 (Shadow)

Peer Review
NOTE: ⋆=SPECIAL RECOGNITION FOR OUTSTANDING REVIEWS.
- **ACM CHI** 2025, 2024⋆, 2023⋆[2], 2022⋆
- ACM Transactions on Computer-Human Interaction **(ACM TOCHI)** 2024
- **ACM CSCW** 2024⋆, 2023, 2022, 2021
- Journal of Collaborative Computing and Work Practices **(Springer JCSCW)** 2025
- International AAAI Conference on Web and Social Media **(AAAI ICWSM)** 2024, 2023
- **NeurIPS** 2024
- ACM Journal on Computing and Sustainable Societies **(ACM JCSS)** 2023
- International AIS Conference on Information Systems **(AIS ICIS)** 2023
- International Journal of Human-Computer Studies **(Elsevier IJHCS)** 2022
- **IEEE Access** 2022
- ACM Interaction Design and Children Conference **(ACM IDC)** 2021
- ACM Annual Symposium on Computer-Human Interaction in Play **(ACM CHI PLAY)** 2020
- Australian Conference on Human-Computer Interaction **(OzCHI)** 2020
- Technology in Society Journal **(Elsevier TIS)** 2020

Miscellaneous
STUDENT VOLUNTEER
- **ACM COMPASS** 2022
- **ACM DIS** 2022
- **ACM CHI** 2022
- **ICTD** 2022
- **ACM CSCW** 2021

INSTITUTIONAL SERVICES
- **International students' chair**, Graduate Students Association (2022-23), Information Science, CU Boulder
- **Student member**, Human-Centered Computing Curriculum Development Committee, Syracuse University

COMMUNITY ENGAGEMENT
- **Social Computing Research on Media**, Friends Middle School in Boulder (2024)

MEMBERSHIP
- **Association for Computing Machinery (ACM)** (2021-present)
- **ACM Special Interest Group on Computer-Human Interaction (SIGCHI)** (2022-present)

Selected Invited Talks

Cross-Cultural Considerations in Algorithmic Fairness
   AI and Development Seminar, School of Cities (Summer 2025), University of Toronto

Toward Restorative Justice for Indigenous Ethnic and Religious Minorities' Perspectives Online
   Department of Information Science (Summer 2025), University of Colorado Boulder

Indigenous Communities' Intersectional Experience with Algorithmic Systems
   Department of Communication and School of Information (Spring 2025), University of Michigan

Colonial Impulses of Natural Language Processing
   Computing and Global Development (Fall 2024), University of Illinois Urbana-Champaign

Postcolonial Perspectives on Content Moderation in the Global South
   ICT for Development Lecture Series (Spring 2024), BRAC University, Bangladesh

Identity Decolonization amid the Coloniality of Computing
  Research Colloquium (Spring 2024), New Mexico State University

Decolonization through and Coloniality of Technology
  Information Science Seminar (Fall 2023), Cornell University

Strategies and Practices of Bangladeshi Facebook Microcelebrities in Sociopolitical Discourses
  Social Media Influencers Conference (SMIC 2022), University of Michigan [recording]

Decolonization through Technology and Coloniality of Technology
  Summer mini-HCI Workshop (2022), Syracuse University

Media Coverage and Mentions

Cultural Imperialism and Marginalization through Technology
  Digital Culture Shock: Who Creates Technology and Why This Matters by Katharina Reinecke, Princeton University Press **[August 5, 2025]**

Dipto finds discrimination against Bengalis in mediums like YouTube and Facebook
  The Prothom Alo (the most circulated newspaper in Bangladesh) **[Feb 25, 2024]**

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