Priyank Chandra

Assistant Professor

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Research Experience

University of Toronto	Toronto, Canada
Assistant Professor, Faculty of Information	2021 – Present
Postdoctoral Fellow, Department of Computer Science	2019 – 2020
University of Michigan, Ann Arbor	Ann Arbor, USA
Graduate Researcher, School of Information	2013-2019
New York University – Abu Dhabi	Abu Dhabi / Bangalore
Visitor Research, Design Technology Lab	Fall 2017
Google UK, London	London, UK
UX Research Intern, International Experience / Google Maps	Summer 2017
Microsoft Research Labs, India	Bangalore, India
Visiting Researcher, Technology for Emerging Markets	Summer 2015

Education

- Ph.D. in Information, University of Michigan, Ann Arbor
- M.S. in Quantitative Economics, Indian Statistical Institute - Delhi, India
- B.E. in Electronics & Communication, Visvesvaraya Technological University, India

Publications

Peer-Reviewed Full Papers:

C1.   Petterson, A., Rodriguez, I., Doggett, O., & **Chandra, P.** (2024) "Networks of care in digital domestic labour economies." In Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems.

C2.   Doggett, O., Ratto, M., & **Chandra, P.** (2024) "Migrant Farmworkers' Experiences of Agricultural Technologies: Implications for Worker Sociality and Desired Change." In Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems.

C3.   Jit, S., Spinney, J., **Chandra, P.**, Chilton, L. and Soden, R., (2024)."Writing out the Storm: Designing and Evaluating Tools for Weather Risk Messaging." In Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems.

C4.   Caidi, N., Ekmekcioglu, C., Jamali, R., & **Chandra, P.** (2023) '(Re)Capturing the Spirit of Ramadan: Techno-Religious Practices in the Time of COVID-19." Proc. ACM Hum.-Comput. Interact. 7, CSCW2, Article 249

C5.   Petterson, A., Cheng, K. and **Chandra, P.** (2023). Playing with Power Tools: Design Toolkits and the Framing of Equity. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-24).

C6. Ekmekcioglu, C., **Chandra, P.** and Ahmed, S.I. (2023). A Matter of Time: Anticipation Work and Digital Temporalities in Refugee Humanitarian Assistance in Turkey. Proceedings of the ACM on Human-Computer Interaction, 7(CSCW1), pp.1-36.

C7. Gupta, P., Petterson, A., Divyani, & **Chandra, P**. (2022) "Ladange, Adange, Jeetange: The Farmers' Movement and Its Virtual Spaces." Proceedings of the ACM on Human-Computer Interaction 6.CSCW2: 1-34. ****D&I Recognition****

C8. Rohanifar, Y., Sultana, S., **Chandra, P.**, & Ahmed, S.I. (2022). "Kabootar: Towards Informal, Trustworthy, and Community-Based FinTech for Marginalized Immigrants." Proceedings of the ACM on Human-Computer Interaction 6. CSCW2 (2022): 1-32.

C9. Caidi, N., Ekmekcioglu, C., Jamali, R., & **Chandra, P.** (2022). Socially-Distant Fasting: Information Practices of Young Muslims During Pandemic, In Proceedings of ISIC: the information behaviour conference, Berlin, Germany, 26-29 September, 2022. Information Research, 27(Special issue), isic2235.

C10. Ekmekcioglu, C., Caidi, N., **Chandra, P.** & Jamali, R. (2022). Altered Rhythms of Ramadan: Temporalities of Social Media Non/Use during COVID-19. International Conference on Social Media & Society 2022. (SMSociety 2022)

C11. Moitra, A., Ahmed, S.I., & **Chandra, P.** (2021). Parsing the 'Me' in #MeToo: Sexual Harassment, Social Media, and Justice Infrastructures. Proceedings of the ACM on Human-Computer Interaction, 5(CSCW1), ACM.

C12. Rohanifar, Y., **Chandra, P.**, et al. (2021). Money Whispers: Informality, International Politics, and Immigration in Transnational Finance. In *Proceedings of the 2021 SIGCHI conference on human factors in computing systems.* ACM. May 8–13, 2021, Yokohama, Japan. ACM, New York, NY, USA

C13. **Chandra, P.** (2021). Piracy and the Impaired Cyborg: Assistive Technologies, Accessibility, and Access. *Proceedings of the ACM on Human-Computer Interaction*, 4(CSCW3), 1-21. ACM. ****Best Paper Award and D&I Recognition****

C14. Al-Ameen, M.N., Tamanna, T., Nandy, S., Ahsan, M.A., **Chandra, P.**, & Ahmed, S.I. (2020). We Don't Give a Second Thought Before Providing Our Information": Understanding Users' Perceptions of Information Collection by Apps in Urban Bangladesh. *Proceedings of the 3rd ACM SIGCAS Conference on Computing and Sustainable Societies.* (COMPASS 2020)

C15. Tushar, A., Antara, I., Das, D., **Chandra, P.**, et al. (2020). We Need More Power to Stand Up": Designing to Combat Stigmatization of the Caregivers of Children with Autism in Urban Bangladesh. In *Proceedings of the Eleventh International Conference on Information and Communication Technologies and Development.* ACM. (ICTD 2020)

C16. Haque, S., Haque, R., Nandy, S, **Chandra, P.**, et al. (2020). Privacy Vulnerabilities in Public Digital Service Centers in Dhaka, Bangladesh. *Proceedings of the Eleventh International Conference on Information and Communication Technologies and Development.* ACM. (ICTD 2020)

C17. Marathe, M. & **Chandra, P.** (2020). Officers Never Type: Examining the Persistence of Paper in e-Governance. In *Proceedings of the 2020 SIGCHI conference on human factors in computing systems.* ACM.

C18. **Chandra, P.** & Pal, J. (2019). Rumors and Collective Sensemaking: Managing Ambiguity in an Informal Marketplace. In *Proceedings of the 2019 SIGCHI conference on human factors in computing systems.* ACM.

C19. **Chandra, P.** & Chen J. (2019). Taming the Amazon: The Domestication of Online Shopping in India. In *Proceedings of the Tenth International Conference on Information and Communication Technologies and Development*. ACM. (ICTD 2019)

C20. Pal, J., **Chandra, P.**, et al. (2018). Digital Payment and its Discontents: Street shops and the Indian Government's Push for Cashless Transactions. In *Proceedings of the 2018 SIGCHI conference on human factors in computing systems*. ACM.

C21. Gonawela, A., Pal, J., Thawani, U., Vlugt, V.V., Out, W., & **Chandra, P.** (2018) Attack or Insult: Populist Style and Antagonistic Messaging on Twitter of Donald Trump, Narendra Modi, Nigel Farage, and Geert Wilders. In *Proceedings of the European Conference on Computer Supported Cooperative Work (ECSCW)*. Springer. (ECSCW 2018)

C22. Chakraborty, S., Pal, J., **Chandra, P.**, & Romero, D. (2018). Political Tweets and Mainstream News Impact in India: A Mixed Methods Investigation into Political Outreach. 1st *ACM SIGCAS Conference on Computing and Sustainable Societies* (COMPASS 2018)

C23. Pal, J., **Chandra, P.**, et al. (2017). Innuendo as outreach: @narendramodi and the use of political irony on Twitter. *International Journal of Communication*. 11: 22.

C24. **Chandra, P.** (2017). Informality and Invisibility: Traditional Technologies as Tools for Collaboration in an Informal Market. In *Proceedings of the 2017 SIGCHI conference on human factors in computing systems*. ACM. (CHI 2017, Acceptance Rate: 25%) **Honorable Mention**

C25. **Chandra, P.**, Ahmed, S.I., Pal, J. (2017). Market Practices and the Bazaar: Technology Consumption in Urban ICT Markets in the Global South. In *Proceedings of the 2017 SIGCHI conference on human factors in computing systems*. ACM.

C26. Pal, J., Viswanathan, A., **Chandra, P.**, et al. (2017). Agency in assistive technology adoption: Visual impairment and smartphone use in Bangalore. *In Proceedings of the 2017 SIGCHI conference on human factors in computing systems*. ACM.

C27. **Chandra, P.** (2016). Order in the Warez, Scene: Explaining an Underground Virtual Community with the CPR Framework. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems* (pp. 372-383). ACM.

C28. Pal, J., **Chandra, P.**, & Vydiswaran, V. V. (2016). Twitter and the Rebranding of Narendra Modi. *Economic & Political Weekly*, 51(8), 53.

C29. Pal, J., **Chandra, P.**, et al. (2016). An accessibility infrastructure for the Global South. In *Proceedings of the Eighth International Conference on Information and Communication Technologies and Development* (p. 24). ACM.

C30. Pal, J., Youngman, M., O'Neill, T., **Chandra, P.**, & Semushi, C. (2015). Gender and accessibility in Rwanda and Malawi. *In Proceedings of the Seventh International Conference on Information and Communication Technologies and Development* (p. 5). ACM.

Peer-Reviewed Short Papers:

P1. Petterson, A., Thuppilikkat, A.A., Gupta, P., Klassen, S., Jack, M.C., Liu, J. and Chandra, P., (2023). Supporting Social Movements Through HCI and Design. In Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-5).

P2.   Jit, S., Spinney, J., Chandra, P. and Soden, R., (2023). Semi-Automated Approach for Evaluating Severe Weather Risk Communication. In Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-8).

P3.   Peer, F., Butoliya, D., Ekmekcioglu, C., Petterson, A., **Chandra, P.**, and Coleman, B. (2022). Public Translation: Information and Resource Sharing in the City. In Participatory Design Conference 2022: Volume 2 (PDC 2022 Vol. 2), August 19-September 1, 2022, Newcastle upon Tyne, United Kingdom. ACM, New York, NY, USA, 2 pages.

P4.   Tang, Nicole and **Chandra, P.** (2022). Community, Culture, and Capital: Exploring the Financial Practices of Older Hong Kong Immigrants. In *CHI Conference on Human Factors in Computing Systems* Extended Abstracts. April 2022 Article No.: 410. Pages 1–6. https://doi.org/10.1145/3491101.3519740

P5.   Moitra, A., Marathe, M., Ahmed, S.I., and **Chandra, P.** (2021). Negotiating Intersectional Non-Normative Queer Identities in India. In *Proceedings of the 2021 SIGCHI conference on human factors in computing systems* Extended Abstracts (CHI '21 Extended Abstracts), May 8–13, 2021, Yokohama, Japan. ACM, New York, NY, USA

P6.   You, S. and **Chandra, P.** (2018). Integrating Autonomous Vehicles into Everyday Life: From Theory to Practice, at *the Conference on Autonomous vehicles in society: Building a research agenda.*

P7.   Marathe, M., **Chandra, P.**, et al. (2016). In search of missing pieces: A re-examination of trends in ICTD research. In *Proceedings of the Eighth International Conference on Information and Communication Technologies and Development* (p. 60). ACM.

P8.   **Chandra, P.**, & Jones, J. (2015). Assistive Technologies and Autonomy in a Cyborg World. *In Proceedings of the Seventh International Conference on Information and Communication Technologies and Development* (p. 31). ACM.

Graduate Level Teaching

University of Toronto:

- INF 2165, Accessibility and Inclusive Design, Winter 2023, Fall 2022-2023
- INF 2192, Representing UX, Winter 2022, 2024
- INF 2201, ICTs, Design and Marginality, Winter 2021, Fall 2021-2023
- Workshop on Design Practices, dgp Lab, Winter 2020
- Guest Lecturer: INF 2169 User-Centred Information Systems Development, Guest Lecture: Ethnography & Design; CSC 300 Computing and Society, Guest Lecture: Computing and International Development, Fall 2019, Winter 2020, Department of Computer Science

University of Michigan, Ann-Arbor:

- SI 582 Introduction to Interaction Design, Fall 2018
- SI 622 Needs Assessment & Usability Evaluation, Winter 2017
- SI 501 Contextual Inquiry and User Needs Assessment, Winter 2016
- SI 330 Data Manipulation, Fall 2015
- SI 500 Information in Social Systems, Fall 2014

Srishti School of Design:

- Tom Stoppard's Arcadia: Order and Chaos, 2012, Srishti School of Art, Design and Technology

Research Grants and Awards

Research Grants:

- SSHRC Institutional Grant (SIG) for "Repertoires of Contention in the Digital Labour Platforms (DLPs): Mapping Labour Resistance Strategies and Tactics in India"
- Connaught New Researcher Award (2023). Participatory Design to Facilitate Collective Action Among Gig Economy Workers.
- SSHRC Insight Development Grant (2022). Addressing Barriers to Weather Risk Communication Experienced by Ontarians with Visual Disabilities. Co-PI.
- NSERC Discovery Grant (2022). Designing Inclusive Platforms for the Gig Economy. Individual PI.
- New Frontiers in Research Fund – Exploration (2022). AIDE: Accessible and Inclusive Data sciencE through machine learning and user experience research. Co-PI.
- SSHRC Explore Grant (2021). ICT Use in Grassroots Movements: Studying Farmer Protests in India. Individual PI.
- University of Michigan School of Information Ph.D. Finishing Grant (2019)
- Rackham Summer/Spring Research Grant (2016)

Awards:

- Center for Global Disability Studies (CGDS) Small Grants Award
- ACM CSCW 2020 Best Paper Award (Top 1%), Diversity & Inclusion Recognition; ACM CSCW 2022 Diversity & Inclusion Recognition
- ACM CHI 2017 Honorable Mention Award (Top 5%)
- Rackham One-Term Dissertation Fellowship (2018)
- Rackham International Research Award (2017)
- University of Michigan Exposition 2016 – Inspiration, Innovation & Impact Award (Best Overall): Sophus Q&A App; Academic/Research Award: DoIIIT