

Priyank Chandra

Post-Doctoral Fellow

Department of Computer Science, University of Toronto
dgp Lab, 40 St. George St, Toronto, Ontario, Canada M5S 2E4
prch@cs.toronto.edu | +1-203-919-2585 | <http://priyankc.com>

Education

Ph.D. in Information University of Michigan, Ann Arbor	2013 - 2019
Thesis: <i>Informality and Consumption: Navigating Marketplaces in India</i>	
M.S. in Quantitative Economics Indian Statistical Institute - Delhi, India	2007 - 2009
B.E. in Electronics & Communication Visvesvaraya Technological University, India	2002 - 2006

Selected Publications

Peer-Reviewed Papers:

HCI, Informality, and Peripheral Practices:

- Rohanifar, Y., **Chandra, P.**, et al. (2020). Money Whispers: Informality, International Politics, and Immigration in Transnational Finance. In *Proceedings of the 2020 SIGCHI conference on human factors in computing systems*. ACM. (CHI 2020, Acceptance Rate: 24%)
- 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. (CHI 2020, Acceptance Rate: 24%)
- **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. (CHI 2019, Acceptance Rate: 24%)
- **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, Acceptance Rate: 20%)
- 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. (CHI 2018, Acceptance Rate: 26%)

- **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****
- **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. (CHI 2017, Acceptance Rate: 25%)
- **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. (CHI 2017, Acceptance Rate: 23%)

Accessibility and Technology Use:

- 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. (CHI 2017, Acceptance Rate: 25%)
- 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. (ICTD 2016, Acceptance Rate: 20%)
- 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. (ICTD 2015, Acceptance Rate: 19%)

Social Media and Politics:

- 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, Acceptance Rate: 20%)
- 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, Acceptance Rate: 20%)
- 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.
- Pal, J., **Chandra, P.**, & Vydiswaran, V. V. (2016). Twitter and the Rebranding of Narendra Modi. *Economic & Political Weekly*, 51(8), 53.

Peer-Reviewed Notes and Workshop Papers:

- 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*.
- Kameswaran, V., Marathe, M., and **Chandra, P.** (2018). Redefining the Landmark - Designing Navigation Tools for the Visually Impaired, at *HCIxB*, CHI 2018, Canada
- Kameswaran, V., Marathe, M., **Chandra, P.**, et al. (2017). Usability in the field: Reflections from an HCI4D project in rural West Bengal, at *HCIxB*, CHI 2017, USA
- 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. (ICTD 2016, Acceptance Rate: 20%)
- **Chandra, P.** (2016). Across the Borders of Legality: Leveraging Pirate Infrastructures, at *HCI4D Across Borders*, CHI 2016, USA
- **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. (ICTD 2015, Acceptance Rate: 19%)

Graduate Level Teaching

- CSC 300 Computing and Society, Guest Lecture: Computing and International Development, Fall 2019, University of Toronto
- SI 582 Introduction to Interaction Design, Fall 2018, University of Michigan, Ann-Arbor
- SI 622 Needs assessment and usability evaluation, Winter 2017, University of Michigan, Ann-Arbor
- SI 501 Contextual Inquiry and User Needs Assessment, Winter 2016, University of Michigan, Ann-Arbor
- SI 330 Data Manipulation, Fall 2015, University of Michigan, Ann-Arbor
- SI 500 Information in Social Systems, Fall 2014, University of Michigan, Ann-Arbor
- Course Design, Tom Stoppard's Arcadia: Order and Chaos, 2012, Srishti School of Art, Design and Technology

Mentoring

- Mohammad Rashidujjaman Rifat (PhD, Computer Science, University of Toronto, Canada)
- Abdul Kawsar Tushar (Masters, Computer Science, University of Toronto, Canada)
- Yasaman Rohanifar (Masters, Computer Science, University of Toronto, Canada)
- Vaishnav Kameswaran (PhD, School of Information, University of Michigan, Ann Arbor)

- Aakanksha Parameshwar (Masters, School of Information, University of Michigan, Ann Arbor)
- Andre Gonawela (Undergraduate, LSA, University of Michigan, Ann Arbor)
- Udit Thawani (Undergraduate, LSA, University of Michigan, Ann Arbor)

Funding and Awards

Fellowship and Research Grants

- University of Michigan School of Information Ph.D. Finishing Grant
- Rackham One-Term Dissertation Fellowship
- Rackham International Research Award
- Rackham Summer/Spring Research Grant 2016 (along with Prof. Joyojeet Pal) (Awarded a .50 graduate student research assistantship)

Co-curricular Grants

- Rackham Conference Travel Grant 2015, 2016, 2017, 2018, 2019
- UMSI Travel Grant 2015, 2016, 2017, 2018, 2019
- Rackham Graduate Student Research Grant 2015, 2017
- ICTD Conference Grant 2015, 2019

Awards

- Exposition 2016 – Inspiration, Innovation & Impact Award (Best Overall): Sophus Q&A App
- Exposition 2016 – Academic/Research Award: DoIIIT
- UPTEC Talent Search Scholarship

Activities

Panels and Workshops:

- **Chandra, P.**, Guberek, T., Martell, A. (2016), Bridging ICTD and Human Rights and Technology (HR-Tech), at ICTD 2016, Ann Arbor, USA
- Young Researchers of ICTD at ICTD 2016, Ann Arbor, USA
- **Chandra, P.**, Pal, J. (2015), Quantitative Research Methods workshop at CIS, Bangalore, India

Invited Talks:

- “Informality and the Future of Markets” (2019) at Microsoft Research Labs, New England, USA
- “Informality and Consumption” (2019) at ICTD Research Group, Michigan, USA
- “Informality and Invisibility” (2017), Digital Organisation and Society Theme Group Research Away Day, at Royal Holloway University of London, UK
- “Informal Technology Markets in the Global South” (2017), London School of Economics, UK
- “Informality & Invisibility” (2017), Michigan Interactive & Social Computing, Michigan, USA

- “Informality and Systemic Flexibility in a Local ICT Market” (2015), at Michigan Inaugural ICTD Symposium, Ann Arbor, Michigan, USA
- “Order in the Warez Scene” (2016), Michigan Interactive & Social Computing, Michigan, USA
- “Piracy, Service Centers and Informal Markets - a mixed methods study” (2015), at Technology for Emerging Markets, Microsoft Research Labs, India
- “Piracy, Service Centers and Informal Markets” (2015) at CIS India, Bangalore, India

Academic Projects and Term Papers:

- **Chandra, P.** (2009), Evolution of trust - Designing a coordination game to study the dynamics of trust
- **Chandra, P.** (2006), Simulating computational protein folding using genetic algorithms
- **Chandra, P., et al.** (2006) Designing a low-cost indigenous AHRS (flight navigation) system for Unmanned Aerial Vehicles (at ADE, Bangalore under Varsha Agarwal, Scientist ‘D’)

Service Activities

- Program Committee, ICTD Conference 2019, 2020
- Program Committee, CHI 2017 Late-Breaking Work
- Demo Chair, ICTD Conference 2016
- Reviewer - ICTD Conference 2015, 2016, 2019; CSCW 2017; CHI 2017, 2018, 2019, 2020
- Volunteer - CHI 2017, ICWSM 2014
- Doctoral Executive Committee, School of Information (2014 - 2015)
- Diversity Committee, School of Information (2014 - 2015)
- President, Indian Statistical Institute Film Club (2007 - 2009)

Professional Experience

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

Srishti School of Art, Design and Technology Technology Consultant / Teaching Faculty	Bangalore, India Summer 2013
Tata Consultancy Services Sr. Business Analyst, Measurement Sciences	Bangalore, India 2012 - 2013
Mallya Aditi International School Technology & Assessment Coordinator / Faculty	Bangalore, India 2010 – 2012
Hewlett Packard Business Analyst, Market Research and Intelligence	Bangalore, India 2009 - 2010

References

- Joyojeet Pal, Associate Professor, School of Information, University of Michigan, Ann Arbor, USA. joyojeet@umich.edu
- Syed Ishtiaque Ahmed, Assistant Professor of Computer Science, University of Toronto, Canada. ishtiaque@cs.toronto.edu
- Kentaro Toyama, W. K. Kellogg Associate Professor, School of Information, University of Michigan, Ann Arbor, USA. toyama@umich.edu
- Mark Ackerman, Professor, School of Information and Department of Electrical Engineering and Computer Science, University of Michigan, Ann Arbor, USA. ackerm@umich.edu