

# Syed Ishtiaque Ahmed

## Assistant Professor

Department of Computer Science, The University of Toronto  
Director, Third Space Research Group, Dynamic Graphics Project (DGP) Lab  
Bahen Centre for Information Technology, Room 5262  
St. George Campus, Toronto, ON M5S 2E4, Canada  
Email: ishtiaque@cs.toronto.edu, Homepage: www.ishtiaque.net

## Education

- **Cornell University** Ithaca, NY  
Doctor of Philosophy (PhD) 2018  
– Committee: Steven J. Jackson (chair), Dan Cosley, Nicola Dell
- **Cornell University** Ithaca, NY  
M.Sc. in Information Science 2014
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh  
M.Sc. in Computer Science & Engineering 2011
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh  
B.Sc. in Computer Science & Engineering 2009

## Employment

- **The University of Toronto** Toronto, ON  
Assistant Professor, Department of Computer Science [2017 - present]
- Assistant Professor, Faculty of Information [2022 - present] (cross-appointed)  
Graduate Faculty Member, School of Environment [2018 - present]  
Faculty Fellow, Schwartz Reisman Institute for Technology and Society [2021 - present]
- **Microsoft Research** Bangalore, India  
Research Intern Summer 2015
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh  
Lecturer, Computer Science & Engineering 2009-2011

## Enterprise

- **Third Space Research Group** UofT, Canada  
Research group dedicated to connect computing with critical social sciences 2017 - present
- **PRISM** UofT, Canada  
Preparing students from underrepresented communities for CS higher education 2020 - present
- **HCI and ICTD Research Group** BUET, Bangladesh  
First and largest Human-Computer Interaction research group in Bangladesh 2009 - present

## Honors, Awards, and Distinctions

- **Schwartz Reisman Institute for Technology and Society Fellowship**, 2021
- **Senior Fellowship**, Massey College, University of Toronto, 2021
- **AAAI HCOMP Blue Sky Research Award, Runner Up**, 2021
- **Facebook Research Proposal Winner**, 2021
- **ACM CHI Best Paper Honorable Mention Award**, 2016, 2019, 2020 (2), 2021
- **Google exploreCSR Award**, 2020
- **Fulbright Centennial Fellowship**, Federal Govt of USA, 2019 [Awarded to 4 persons worldwide]
- **Global Young Academy Membership**, European Union, 2019 [Representing Canada and Bangladesh]

- **ACM CSCW Diversity and Inclusion Award**, 2019
- **Connaught “Early Researcher” Award**, 2018
- **Best of ICTD Paper**, 2017
- **Intel Social Computing Graduate Scholar**, 2014-2015
- **International Fulbright Science & Technology Fellow**, 2011-2014
- **FulbrightTED Talk Runner-up** (2012) in Annual Fulbright Meeting, Orlando, Florida
- **NSF Summer Social Webshop scholar** (2012), Univ. of Maryland, College Park, USA
- **OpenStreetMap Foundation Scholarship** (2010): 1 of the 12 scholars selected worldwide
- **Best Entrepreneurship Project Award** (2010): Awarded \$5000 by Spandan B, Bangladesh
- **Champion: Software Development Track** (2010): Inter-University Project Show, Bangladesh
- **Dean’s List Award & University Scholarship** (2009): Academic Honor by BUET, Bangladesh
- **Imdad Sitara Khan Scholarship** (2005-09): For Academic performance at BUET, Bangladesh
- **First Place** (2004): Among 22,000+ candidates in Dhaka University Entrance Exam (Science Unit)
- **Award of Merit** (2003): Highest Academic Honor by Notre Dame College, Dhaka, Bangladesh
- **National High School Merit Scholarship** (1998) by the Government of Bangladesh
- **Best Student Award** (1997): Highest Academic Honor by Ideal School & College, Bangladesh
- **National Elementary School Merit Scholarship** (1995) by UNICEF & the Government of Bangladesh

## Research Grants and Awards

- (PI) Facebook (Meta) Research Grant, 2021
- (PI) Schwartz Reisman Institute for Technology and Society Faculty Fellowship, 2021
- (PI) Google exploreCSR Unrestricted Gift, 2020
- (PI) North-South Interdisciplinary Grant, Global Young Academy of European Union, 2020
- (Co-I) Canadian Institutes of Health Research (CIHR) Operating Grant, 2020
- (Co-I) Social Sciences and Humanities Research Council (SSHRC) New Frontier Research Fund, 2020
- (PI) ICT Innovation Grant, Government of Bangladesh, 2020
- (PI) Fulbright Centennial Fellowship, 2019
- (PI) Social Sciences and Humanities Research Council (SSHRC) Partnership Engage Grant, 2019
- (PI) MITACS Accelerate Award, 2019
- (PI) Natural Sciences and Engineering Research Council (NSERC) Discovery Grant, 2018, DLS 2019
- (PI) Connaught Early Researcher Grant, 2018
- (PI) Canada Foundation for Innovation (CFI) Innovation Grant, 2018
- (Co-I) National Institute of Health (NIH) R21 Grant, 2018
- (PI) UofT Faculty Seed Grant, 2017
- (PI) International Fulbright Fellowship, 2011
- (PI) International OpenStreetMap Grant, 2010

## Selected Publications

**\*Note 1:** Like many other branches of Computer Science, conferences are usually more prestigious and competitive venues than the journals in HCI and related subfields. These conferences are double-blinded peer-reviewed, archived, and well-referenced. Top conferences in HCI are widely known for being extremely selective.

**\*Note 2:** Students and junior researchers are usually put as the first author of a publication.

### • Peer-reviewed Conference Papers:

- Mohammad Rashidujjaman Rifat, Hasan Mahmud Prottoy, **Syed Ishtiaque Ahmed**, “Putting The Waz on the Social Media: Infrastructuring Online Islamic Counterpublic through Digital Sermons in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2022**), USA.
- Sharifa Sultana, Sadia Tasnuva Pritha, Rahnuma Tasnim, Anik Das, Rokeya Akter Akter, Shaid Hasan, S.M. Raihanul Alam, Muhammad Ashad Kabir, **Syed Ishtiaque Ahmed**, “‘ShishuShurokha’: A Transformative Justice Approach for Combating Child Sexual Abuse in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2022**), USA.
- Mohammad Rashidujjaman Rifat, Mohammad Ruhul Amin, **Syed Ishtiaque Ahmed**, “Situating Public Speaking: The Politics and Poetics of the Digital Islamic Sermons in Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2022**), Virtual
- Yasaman Rohanifar, Sharifa Sultana, Shaid Hasan, Priyank Chandra, **Syed Ishtiaque Ahmed**, “‘Kabootar’: Towards Informal, Trustworthy, and Community-Based FinTech for Marginalized Immigrants”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2022**), Virtual
- Aparna Moitra, Robert Soden, Manveer Kalirai, Dennis Wagenaar, **Syed Ishtiaque Ahmed**, “AI and Disaster Risk: A Practitioner Perspective”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2022**), Virtual
- Sharifa Sultana, Pratyasha Saha, Shaid Hasan, S.M. Raihanul Alam, Rokeya Akter, Md Mirajul Islam, Raihan Islam Arnob, A.K.M. Najmul Islam, Mahdi Nasrullah Al-Ameen, **Syed Ishtiaque Ahmed**, “Imagined Online Communities: Communionship, Sovereignty, and Inclusiveness in Bangladeshi Facebook Groups”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2022**), Virtual
- Manika Saha, Delvin Varghese, Tom Bartindale, Shakuntala Haraksingh Thilsted, **Syed Ishtiaque Ahmed**, Patrick Olivier, “Towards Sustainable ICTD in Bangladesh: Understanding the Program and Policy Landscape and its Implications for CSCW and HCI”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2022**), Virtual
- Dan Richardson, Bronwyn J. Cumbo, Tom Bartindale, Delvin Varghese, Manika Saha, Pratyasha Saha, **Syed Ishtiaque Ahmed**, Gillian C. Oliver, Patrick Olivier, “Critically Engaging with Embedded Values through Constrained Technology Design”, In Proceedings of ACM SIGCHI Conference on Designing Interactive Systems (**DIS 2022**), Virtual
- Dipto Das, A.K.M. Najmul Islam, S M Taiabul Haque, Jukka Vuorinen, **Syed Ishtiaque Ahmed**, “Understanding the Strategies and Practices of Facebook Microcelebrities in the Global South”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2022**), USA.
- Ananya Bhattacharjee, Mohammad Ruhul Amin, Yeshim Iqbal, **Syed Ishtiaque Ahmed**, “Connecting Mental Health with Sustainable Development Goals: Insights from Call Data of a Telephone Crisis Helpline in Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2022**), USA.

- Sharifa Sultana, Rokeya Akter, Zinnat Sultana, **Syed Ishtiaque Ahmed**, “Toleration Factors: The Expectations of Decorum, Civility, and Certainty on Rural Social Media”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2022**), USA.
- Manika Saha, Tom Bartindale, Sharifa Sultana, Gillian Oliver, Dan Richardson, Shakuntala Haraksingh Thilsted, **Syed Ishtiaque Ahmed**, Patrick Olivier, “Commissioning Development: Grantmaking, Community Voices, and their Implications for ICTD”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2022**), USA.
- Yasaman Rohanifar, Sharifa Sultana, Swapnil Nandy, Pratyasha Saha, Md. Jonayed Hossain Chowdhury, Mahdi Nasrullah Al-Ameen, **Syed Ishtiaque Ahmed**, ““I decided to forget about it!”: Exploring the Role of Intermediaries, Terrorist Assemblage, and Re-skilling in the Adoption of Cashless Transaction Systems in Bangladesh”, In Proceedings of The ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2022**), Seattle, WA, USA.
- Sharifa Sultana, Mitrasree Deb, Ananya Bhattacharjee, Shaid Hasan, S.M.Raihanul Alam, Trishna Chakraborty, Prianka Roy, Samira Fairuz Ahmed, Aparna Moitra, M Ashraf Amin, Najmul Islam, **Syed Ishtiaque Ahmed**, “Unmochon’: A Tool to Combat Online Sexual Harassment over Facebook Messenger”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2021**), Japan.  
**Best Paper Honorable Mention Award**
- Sharifa Sultana, MD. Mobaydul Haque Mozumder, **Syed Ishtiaque Ahmed**, “Chasing Luck: Use of Statistical Probability, Faith, Hunch, and Cultural Norms in Rural Betting Practices”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2021**), Japan.
- Yasaman Rohanifar, Priyank Chandra, Md. Ataur Rahman, **Syed Ishtiaque Ahmed**, “Money Whispers: Informality, International Politics, and Immigration in Transnational Finance”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2021**), Japan.
- S M Taiabul Haque, Rayhan Rashed, Mehrab Bin Morshed, Naeemul Hassan, **Syed Ishtiaque Ahmed**, “Exploring the Tensions between the Owners and the Drivers of Uber Cars in Urban Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2021**), Virtual
- Aparna Moitra, **Syed Ishtiaque Ahmed**, Priyank Chandra, “Parsing the ‘Me’ in #MeToo: Sexual Harassment, Social Media, and Justice Infrastructures”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2021**), Virtual
- Nestor Hernandez, Ruben Recabarren, Bogdan Carbutar, **Syed Ishtiaque Ahmed**, “Measurements of Device and App Usage in Google Play Store Search Optimization Campaigns”, In Proceedings of The ACM Internet Measurement Conference (**IMC 2021**), Virtual
- Mohammad Rashidujjaman Rifat, Mahiratul Jannat, Mahdi Nasrullah Al-Ameen, S M Taiabul Haque, Muhammad Ashad Kabir, **Syed Ishtiaque Ahmed**, “Purdah, Amanah, and Gheebat: Understanding Privacy in Bangladeshi “pious” Muslim Communities”, In Proceedings of The ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2021**), Virtual.
- Tanusree Sharma, Md. Mirajul Islam, Anupam Das, S. M. Taiabul Haque, **Syed Ishtiaque Ahmed**, “Privacy during Pandemic: A Global View of Privacy Practices around COVID-19 Apps”, In Proceedings of The ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2021**), Virtual.
- Sharifa Sultana, Ilan Mandel, Shaid Hasan, S.M. Raihanul Alam, Khandaker Reaz, Zinnat Sultana, **Syed Ishtiaque Ahmed**, “Opaque Obstacles: The Role of Stigma, Rumor, and Superstition in

- Limiting Women’s Access to Computing in Rural Bangladesh”, In Proceedings of The ACM SIG-CAS Conference on Computing and Sustainable Societies (**COMPASS 2021**), Virtual.
- Rayhan Rashed, Mohammad Rashidujjaman Rifat, **Syed Ishtiaque Ahmed**, “Pandemic, Repair, and Resilience: Coping with Technology Breakdown during COVID-19”, In Proceedings of The ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2021**), Virtual.
  - Dina Sabie, Samar Sabie, **Syed Ishtiaque Ahmed**, “Memory through Design: Supporting Cultural Identity for Immigrants through a Paper-Based Home Drafting Tool”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2020**), Hawaii, USA.  
**Best Paper Honorable Mention Award**
  - Nusrat Jahan Mim, **Syed Ishtiaque Ahmed**, “Others’ Images: Online Social Media, Architectural Improvisations, and Spatial Marginalization in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2020**), Hawaii, USA.  
**Best Paper Honorable Mention Award**
  - Mohammad Rashidujjaman Rifat, Toha Tariq, **Syed Ishtiaque Ahmed**, “Religion and Sustainability: Lessons of Sustainable Computing from Islamic Religious Communities”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2020**), MN, USA
  - Md Mahfuzul Haque, Mohammad Yousuf, Ahmed Shatil Alam, Pratyasha Saha, **Syed Ishtiaque Ahmed**, Naeemul Hassan, “Combating Misinformation in Bangladesh: Roles and Responsibilities as Perceived by Journalists, Fact-checkers, and Users”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2020**), MN, USA
  - Sharifa Sultana, **Syed Ishtiaque Ahmed**, Jeffrey M Rzeszotarski, “Seeing in Context: Traditional Visual Communication Practices in Rural Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2020**), MN, USA
  - Faheem Hussain, Abdullah Hasan Safir, Dina Sabie, Zulkarin Jahangir, **Syed Ishtiaque Ahmed**, “Infrastructuring Hope: Solidarity, Leadership, Negotiation, and ICT among the Rohingya Refugees in Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2020**), Ecuador.
  - S M Taiabul Haque, Md. Romael Haque, Swapnil Nandy, Priyank Chandra, Mahdi Nasrullah Al-Ameen, Shion Guha, **Syed Ishtiaque Ahmed**, “Privacy Vulnerabilities in Public Digital Service Centers in Dhaka, Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2020**), Ecuador.
  - Abdul Kawsar Tushar, Iffat Jahan Antara, Dipto Das, Priyank Chandra, Tanjir Rashid Soron, Md Munirul Haque, Sheikh Iqbal Ahamed, **Syed Ishtiaque Ahmed**, ““We Need More Power to Stand Up”: Designing to Combat Stigmatization of the Caregivers of Children with Autism in Urban Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2020**), Ecuador.
  - Naeemul Hassan, Amrit Poudel, Jason Hale, Claire Hubacek, Khandakar Tasnim Huq, Shubhra Kanti Karmaker Santu, **Syed Ishtiaque Ahmed**, “Towards Automated Sexual Violence Report Tracking”, In Proceedings of The International AAAI Conference on Web and Social Media (**ICWSM 2020**), Georgia, USA.
  - Aparna Moitra, Naeemul Hassan, Manash Kumar Mandal, Mansurul Bhuiyan, **Syed Ishtiaque Ahmed**, “Understanding the Challenges for Bangladeshi Women to Participate in #MeToo Movement”, In Proceedings of The ACM International Conference on Supporting Group Work (**GROUP 2020**), Florida, USA.

- Mahdi Nasrullah Al-Ameen, Tanjina Tamanna, Swapnil Nandy, M A Manazir Ahsan, Priyank Chandra, **Syed Ishtiaque Ahmed**, ““We Don’t Give a Second Thought Before Providing Our Information”: Understanding Users’ Perceptions of Information Collection by Apps in Urban Bangladesh”, In Proceedings of The ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2020**), Guayaquil, Ecuador.
- Ishtiaque Hussain, Ahmed Shamim Hasan, Rafed Muhammad Yasir, Ahmedul Kabir, **Syed Ishtiaque Ahmed**, “How Well Does Undergraduate Education Prepare Software Engineers? Perspectives of Practitioners in Bangladesh”, In Proceedings of The IEEE International Conference on Software Engineering Education & Training (**CSEE&T 2020**), Munich, Germany.
- Soaad Q. Hossain, **Syed Ishtiaque Ahmed**, “Ethical Analysis on the Application of Neurotechnology for Human Augmentation in Physicians and Surgeons”, In Proceedings of The Future Technologies Conference (**FTC 2020**), Vancouver, Canada.
- Charles-Olivier Dufresne Camaro, Fanny Chevalier, **Syed Ishtiaque Ahmed**, “Computer Vision Applications and their Ethical Risks in the Global South”, In Proceedings of The ACM International Conference on Graphics Interface (**GI 2020**), Toronto, Canada.
- Munirul M. Haque, Dipranjan Das dipal, Masud Rabbani, Md Ishrak Islam Zarif, Anik Iqbal, Shaheen Akhter, Shahana Parveen, Mohammad Rasel, Basana Rani Muhuri, Tanjir Soron, **Syed Ishtiaque Ahmed**, Sheikh Iqbal Ahamed, “Towards Developing A Mobile-Based Care for Children with ASD (mCARE) in Low and Middle-Income Countries (LMICs) like Bangladesh”, In Proceedings of The IEEE Computer Society Signature Conference on Computers, Software and Applications (**COMPSAC 2020**), Madrid, Spain.
- Mohammad Rashidujjaman Rifat, Hasan Mahmud Prottoy, **Syed Ishtiaque Ahmed**, “The Breaking Hand: Knowledge, Care, and Sufferings of the Hand of an Electronic Waste Worker in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2019**), Glasgow, UK.  
**Best Paper Honorable Mention Award**
- **Syed Ishtiaque Ahmed**, Md. Romael Haque, Irtaza Haider, Jay Chen, Nicola Dell, “Everyone Has Some Personal Stuff: Designing to Support Digital Privacy with Shared Mobile Phone Use in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2019**), Glasgow, UK.
- Sharifa Sultana, **Syed Ishtiaque Ahmed**, “Witchcraft and HCI: Morality, Modernity, and Post-colonial Computing in Rural Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2019**), Glasgow, UK.
- S M Taiabul Haque, Pratyasha Saha, Muhammad Sajidur Rahman, **Syed Ishtiaque Ahmed**, “Of Ulti, ‘Hajano’, and “Matachetar otanetak datam”: Exploring Local Practices of Privacy and Exchanging Confidential and Sensitive Information in Urban Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin, TX, USA
- Sharifa Sultana, **Syed Ishtiaque Ahmed**, Susan Fussell, ““Parar-daktar Understands My Problems Better”: Disentangling the Challenges to Designing Better Access to Healthcare in Rural Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin, TX, USA
- Esther Jang, Philip Garrison, Mary Claire Barela, Ronel Vincent Vistal, Thessa Cunanan, Philip Martinez, Mia Perez, Matthew William Johnson, Andoy Evangelista, **Syed Ishtiaque Ahmed**, Josephine Dionisio, Kurtis Heimerl, “Trust and Technology Repair Infrastructures in the Remote Rural Philippines: Navigating Urban-Rural Seams”, In Proceedings of The ACM Conference on

Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin, TX, USA  
**Diversity and Inclusion Award**

- Samia Ibtasam, Lubna Razaq, Maryam Ayub, Jennifer R Webster, **Syed Ishtiaque Ahmed**, Richard Anderson, ““My cousin bought the phone for me. I never go to mobile shops”: The Role of Family in Women’s Technological Inclusion in Islamic Culture”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2019**), Austin, TX, USA
  - Fayika Farhat Nova, Shion Guha, Md. Rashidujjaman Rifat, Pratyasha Saha, **Syed Ishtiaque Ahmed**, Shion Guha, “Online Sexual Harassment over Anonymous Social Media in Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2019**), Ahmedabad, India.
  - Naeemul Hassan, Manash Kumar Mandal, Mansurul Bhuiyan, Aparna Moitra, **Syed Ishtiaque Ahmed**, “Can Women Break the Glass Ceiling?: An Analysis of #MeToo Hashtagged Posts on Twitter”, In Proceedings of The 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (**ASONAM 2019**), Vancouver, Canada.
  - Dina Sabie, **Syed Ishtiaque Ahmed**, “Moving into a Technology Land: Exploring the challenges for the Refugees in Canada in Accessing its Computerized Infrastructures”, In Proceedings of The second annual ACM SIGCAS Conference on Computing and Sustainable Societies (**COMPASS 2019**), Accra, Ghana.
  - Dina Sabie, Samar Sabie, Cansu Ekmekcioglu Dedeoglu, Yasaman Rohanifar, Fatma Hashim, Steve Easterbrook, **Syed Ishtiaque Ahmed**, “Exile Within Borders: Understanding the Limits of the Internally Displaced People (IDPs) in Iraq”, In Proceedings of ACM Workshop on Computing Within Limits (**LIMITS 2019**), Lappeenranta, Finland.
  - Mizanur Rahman, Nestor Hernandez, Ruben Recabarren, **Syed Ishtiaque Ahmed**, Bogdan Carbunar, “The Art and Craft of Fraudulent App Promotion in Google Play”, In Proceedings of The 26th ACM Conference on Computer and Communications (**CCS 2019**), London, UK.
  - **Syed Ishtiaque Ahmed**, Md. Romael Hoque, Jay Chen, Nicola Dell, “Digital Privacy Challenges with Shared Mobile Phone Use in Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2018**), Volume 1 Issue CSCW, November 2018. Article No. 17.
  - **Syed Ishtiaque Ahmed**, Md. Romael Hoque, Md. Rashidujjaman Rifat, Shion Guha, Nicola Dell, “Privacy, Security, and Surveillance in the Global South: A Study of Biometric Mobile SIM Registration in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2017**), Colorado, USA. pp. 906-918.
  - Priyank Chandra, **Syed Ishtiaque Ahmed**, Joyojeet Pal, “Market Practices and the Bazaar: Technology Consumption in Informal ICT Markets in the Global South”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2017**), Colorado, USA. pp.4741-4752.
  - Mehrab Bin Morshed, Michaelanne Dye, **Syed Ishtiaque Ahmed**, Neha Kumar, “When the Internet goes down in Bangladesh”, In Proceedings of The ACM Conference on Computer-Supported Cooperative Work and Social Computing (**CSCW 2017**), Oregon, USA. pp.1591-1604.
  - **Syed Ishtiaque Ahmed**, Nicola Bidwell, Himanshu Zade, Srihari Muralidhar, Anupama Dhareshwar, Baneen Karachiwala, Cedrick Tandong, Jacki O’Neill, “Peer-to-peer in the workplace: A view from the road”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2016**), California, USA, pp. 5063-5075.
- Best Paper Honorable Mention Award**

- Lara Houston, Steven J. Jackson, Daniela Rosner, **Syed Ishtiaque Ahmed**, Meg Young, Laewoo Kang, “Values in Repair”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2016**), California, USA, pp. 1403-1414.
- **Syed Ishtiaque Ahmed**, Shion Guha, Md. Rashidujjaman Rifat, Md. Foysal Hossain Sezan, Nicki Dell, “Privacy in Repair: Challenges around the Broken Digital Objects in Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2016**), Michigan, USA. Article No. 11.  
[Best of ICTD 2016](#)
- **Syed Ishtiaque Ahmed**, Nova Ahmed, Faheem Hussain, and Neha Kumar, “Computing beyond Gender-Imposed Limits”, In Proceedings of the Second ACM Workshop on Computing within Limits (**LIMITS 2016**), June 9-10, Irvine, CA, USA. Article No. 6  
[Travel Grant Award](#)
- **Syed Ishtiaque Ahmed**, Nusrat Jahan Mim, Steven J. Jackson, “Residual Mobilities: Infrastructural Displacement and Post-Colonial Computing in Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2015**), Seoul, South Korea, pp. 437-446. 2015.
- **Syed Ishtiaque Ahmed**, Steven J. Jackson, Md. Rashidujjaman Rifat, “Learning to Fix: Knowledge, Collaboration and Mobile Phone Repair in Dhaka, Bangladesh”, In Proceedings of International Conference on Information and Communication Technologies and Development (**ICTD 2015**), Singapore. pp. 4:1–4:10. 2015.  
[Travel Grant Award](#)
- **Syed Ishtiaque Ahmed**, Maruf Zaber, Mehrab Bin Morshed, Habibullah Bin Ismail, Dan Cosley, Steven J. Jackson, “Suhrid: A Collaborative Mobile Phone Interface for Low Literate People”, In Proc. ACM Symposium on Computing for Development (**DEV 2015**), London, UK. pp. 95-103.
- **Syed Ishtiaque Ahmed**, Steven J. Jackson, Nova Ahmed, Hasan Shahid Ferdous, Md. Rashidujjaman Rifat, ASM. Rizvi, Shamir Ahmed, Rifat Sabbir Mansur, “Protibadi: A Platform for Fighting Sexual Harassment in Urban Bangladesh”, In Proceedings of The ACM Conference on Human Factors in Computing Systems (**CHI 2014**), Toronto, Canada, pp. 2695-2704.
- Steven J. Jackson, **Syed Ishtiaque Ahmed**, Md. Rashidujjaman Rifat, “Learning, Innovation, and Sustainability among Mobile Phone Repairers in Dhaka, Bangladesh”, In Proceedings of ACM conference on Designing Interactive Systems (**DIS 2014**), Vancouver, Canada, pp. 905-914.
- **Syed Ishtiaque Ahmed**, Steven J. Jackson, Maruf Zaber, Mehrab Bin Morshed, Habibullah Bin Ismail, Sharmin Afrose, “Ecologies of Use and Design: Individual and Social Uses of Mobile Phones Within Low-Literate Rickshaw-Puller Communities in Urban Bangladesh”, In Proceedings of The 4th ACM Symposium on Computing for Development (**DEV-4**), Cape Town, South Africa, pp. 14:1–14:10, 2013.
- Shion Guha, Stephanie Steinhardt, **Syed Ishtiaque Ahmed**, Carl Lagoze, “Following Bibliometric Footprints: The ACM Digital Library and the Evolution of Computer Science”, In Proceedings of ACM Joint Conference on Digital Libraries (**JCDL 2013**), Indianapolis, Indiana, USA, July, 2013.
- Theresa Velden, **Syed Ishtiaque Ahmed**, Scott Allen Cambo, Carl Lagoze, “Toward a Time-sensitive Mesoscopic Analysis of Co-Author Networks: A Case Study of Two Research Specialties”, In Proceedings of 14th International Society of Scientometrics and Informetrics Conference (**ISSI 2013**), Vienna, Austria, 15-19th July, 2013.
- Sohaila Binte Ridwan, Hasan Shahid Ferdous, **Syed Ishtiaque Ahmed**, “The State of Open-StreetMap in Bangladesh”, In Proceedings of Human-Computer Interaction, Tourism and Cultural

Heritage, **Lecture Notes in Computer Science**, Volume 7546, 2012, pp 133-143, Springer.

- Md. Ridwanur Rahman, Proteek Chandan Roy, Shujon Naha, Ishrat Ahmed, Samiha Samrose, Md. Mizanur Rahman, **Syed Ishtiaque Ahmed**, “A-Class: Intelligent Classroom Software for the Autistic Children”, in Proceedings of The IEEE Symposium on Computer and Informatics (**ISCI 2011**), Penang, Malaysia, 2011, pp. 727-731. IEEE.
- **Syed Ishtiaque Ahmed**, Masud Hasan, Awalyn Sopan, “Vindictive Voronoi Games and Stabbing Delaunay Circles” , in the Proceedings of the 7th International Symposium on Voronoi Diagrams in Science and Engineering (**ISVD 2010**), Quebec City, QC, Canada. 2010. pp. 124-131. IEEE.
- **Syed Ishtiaque Ahmed**, “An efficient system for searching frequently lost objects using binary detection sensor” , in the Proceedings of The 2nd International Conference on Advanced Computer Theory and Engineering (**ICACTE 2010**), Cairo, Egypt, 2010. pp. 1145-1155. American Society of Mechanical Engineers ( ASME) Press.
- **Syed Ishtiaque Ahmed**, Masud Hasan, Md. Ariful Islam, “Cutting a convex polyhedron out of a sphere” , in Proceedings of the 7th Japan Conference on Computational Geometry and Graph (**JCCGG 2009**), Kanazawa, Japan, 2009, pp 127-128.  
[Travel Grant Award](#)
- **Syed Ishtiaque Ahmed**, Md Ariful Islam, Masud Hasan, “Cutting a cornered convex polygon out of a circle” , in the Proceedings of the 11th International Conference on Computer and Information Technology (**ICIT 2008**), Khulna Bangladesh. 2008. pp. 124-131. IEEE.

• **Peer-reviewed Journal Papers:**

- Dina Sabie, Cansu Ekmekcioglu, **Syed Ishtiaque Ahmed**, “A Decade of International Migration Research in HCI: Overview, Challenges, Ethics, Impact, and Future Directions”, In **ACM Transactions on Computer-Human Interaction (ToCHI)**, 2022
- Chinenye Ndulue, Oladapo Oyeboode, Ravishankar Subramani Iyer, Anirudh Ganesh, **Syed Ishtiaque Ahmed**, Rita Orji, “Personality-targeted persuasive gamified systems: exploring the impact of application domain on the effectiveness of behaviour change strategies”, In **User Modeling and User-Adapted Interaction**, Springer Nature, 2022
- Hasan Mahmud, AKM Najmul Islam, **Syed Ishtiaque Ahmed**, Kari Smolander, “Understanding The Social Determinants Of Mental Health of The Undergraduate Students In Bangladesh: Interview Study”, In **Technological Forecasting Social Change**, 2022
- Ananya Bhattacharjee, S M Taiabul Haque, Abdul Hady, S.M. Raihanul Alam, Mashfiqui Rabbi, Muhammad Ashad Kabir, **Syed Ishtiaque Ahmed**, “Understanding The Social Determinants Of Mental Health of The Undergraduate Students In Bangladesh: Interview Study ”, In **JMIR Formative Research**, 2021
- Munirul M. Haque, Masud Rabbani, Dipranjan Das Dipal, Md Ishrak Islam Zarif, Anik Iqbal, Amy Schwichtenberg, Naveen Bansal, Tanjir Rashid Soron, **Syed Ishtiaque Ahmed**, Sheikh Iqbal Ahamed, “Informing Developmental Milestone Achievement for Children With Autism: Machine Learning Approach”, In **JMIR Medical Informatics**, 2021
- Munirul M Haque, Masud Rabbani, Dipranjan Das Dipal, Md Ishrak Islam Zarif, Anik Iqbal, Shaheen Akhter, Shahana Parveen, Mohammad Rasel, Golam Rabbani, Faruq Alam, Tanjir Rashid Soron, **Syed Ishtiaque Ahmed**, Sheikh Iqbal Ahamed, “Mobile-Based Care for Children with Autism Spectrum Disorder (ASD) for Low-and-Middle Income Countries (LMICs)”, In **Journal of Psychiatry and Brain Science**, Vol. 6(1), 2021

- Leticia Duboc, Curtis McCord, Christoph Becker, **Syed Ishtiaque Ahmed**, “Critical Requirements Engineering in Practice”, In **IEEE Software**, 2020
- Yan Wang, Andrea Peris, Mohammad Rashidujjaman Rifat, **Syed Ishtiaque Ahmed**, Nirupam Aich, Linh V. Nguyen, Jakub Urík, Ethel Eljarrat, Branislav Vrana, Liisa M. Jantunen, Miriam L. Diamond, “Measuring exposure of e-waste dismantlers in Dhaka Bangladesh to organophosphate esters and halogenated flame retardants using silicone wristbands and T-shirts”, In **Science of the Total Environment**, Elsevier, 2020
- Morgan G. Ames, Silvia Lindtner, Shaowen Bardzell, Jeffrey Bardzell, Lilly Nguyen, **Syed Ishtiaque Ahmed**, Nusrat Jahan, Steven J. Jackson, Paul Dourish, “ Making or Making Do? Challenging the Mythologies of Making and Hacking”, In **Journal of Peer Production**, Vol. 12, 2018.
- **Syed Ishtiaque Ahmed**, Shion Guha, Md. Rashidujjaman Rifat, Md. Foysal Hossain, Nicola Dell, “Privacy Vulnerabilities in the Practices of Repairing Broken Digital Artifacts in Bangladesh”, In **Journal on Information Technologies and International Development (ITID)**, Vol. 13: pp.186-199, 2017.
- Md. Mustafizur Rahman, S. M. Ferdous, **Syed Ishtiaque Ahmed**, Anika Anwar, “Speech Development of Autistic Children by Interactive Computer Games”, In International **Journal of Interactive Technology and Smart Education (ITSE)**, Emerald. Vol. 8(4): pp.208-223, 2011.
- **Syed Ishtiaque Ahmed**, Masud Hasan, Md. Ariful Islam, “Cutting a cornered convex polyhedron out of a sphere”, In **Graphs and Combinatorics**, Vol. 27(3), pp 307-319, Springer, 2011.
- **Syed Ishtiaque Ahmed**, Md. Ariful Islam, Masud Hasan, “Cutting a cornered convex polygon out of a circle” , In **Journal of Computers (JCP)**, Vol. 5 (1), pp 4-11, Academy Publisher, 2010.

- **Book Chapters:**

- Masud Rabbani, Muniru I M. Haque, Dipranjan Das Dipal, Md Ishrak Islam Zarif, Anik Iqbal, Shaheen Akhter, Shahana Parveen, Mohammad Rasel, Tanjir Rashid Soron, Naveen Bansal, Amy Schwichtenberg, **Syed Ishtiaque Ahmed**, Sheikh Iqbal Ahamed, “A Mobile Health Application for Monitoring the Children with Autism Spectrum Disorder: ASD Monitoring by mHealth”, In “AI Applications for Disease Diagnosis and Treatment”, IGI Global, 2022
- Abdul Kawsar Tushar, Muhammad Ashad Kabir, **Syed Ishtiaque Ahmed**, “Mental Health and Sensing”, In “Signal Processing Techniques for Computational Health Informatics”, Springer 2020
- Nirupam Aich, Katarzyna Kordas, **Syed Ishtiaque Ahmed**, Tara Sabo-Attwood, “The Hidden Risks of E-Waste: Perspectives from Environmental Engineering, Epidemiology, Environmental Health, and Human-Computer Interaction”, In “Transforming Global Health”, Springer 2020
- Arpeeta Shams Mizan, **Syed Ishtiaque Ahmed**, “Silencing the Minority through Domination in Social Media Platform: Impact on the Pluralistic Bangladeshi Society”, In “Yearbook of Human Rights”, ELCOP 2019
- Une Thoing Rosi, **Syed Ishtiaque Ahmed**, “Toward a Robust Trust Model for Ensuring Security and Privacy in VANETs”, In “Security of Self-Organizing Networks: MANET, WSN, WMN, VANET”, CRC Press 2011.

## Teaching Experience

- **The University of Toronto**  
 Department of Computer Science  
 – Undergraduate Teaching

Toronto, ON  
 Spring 2018 - present

- \* Fall 2021: CSC 300: Computer and Society (240 students) [Online]

- \* Spring 2021: CSC 300: Computer and Society (240 students) [Online]
- \* Fall 2020: CSC 300: Computer and Society (240 students) [Online]
- \* Fall 2019: CSC 300: Computer and Society (160 students)
- \* Spring 2019: CSC 300: Computer and Society (160 students, co-taught w/ Mathew Zaleski)
- \* Fall 2018: CSC 300: Computer and Society (160 students, co-taught w/ Mathew Zaleski)
- \* Spring 2018: CSC 300: Computer and Society (160 students, co-taught w/ Mathew Zaleski)
- Graduate Teaching
  - \* Fall 2021: CSC 2612: Computing and Global Development [Online]
  - \* Fall 2020: CSC 2612: Computing and Global Development [Online]
  - \* Fall 2019: CSC 2612: Computing and Global Development
  - \* Spring 2019: CSC 2513: Critical Thinking for HCI
  - \* Fall 2018: CSC 2612: Computing and Global Development
  - \* Spring 2018: CSC 2526: Inclusive Computing

- **Cornell University** Ithaca, NY  
Teaching Assistant 2011 - 2017
  - INFO/STS 4240 (Designing Technologies for Social Impact): Fall 2016, Instructor: Phoebe Sengers
  - CS 1300 (Web Programming): Fall 2015, Instructor: Steven Palling
  - INFO/COMM 3460 (Crowds, Communities, and Technologies): Fall 2014, Instructor: Gilly Leshed
  - CS 4302 (Web Information Systems): Fall 2012, Instructors: Bernhard Haslhofer & Theresa Velden
  - CS 2110 (Object Oriented Programming): Summer 2012, Instructor: Graeme Bailey
- **Bangladesh University of Engineering & Technology (BUET)** Dhaka, Bangladesh  
Lecturer, Computer Science & Engineering Fall 2009 - Summer 2011
  - CSE 109 (Programming Languages C/C++): Spring 2010, 2011 [70 students]
  - CSE 308 (Software Engineering and Information System Design): Fall 2009 [60 students]
  - CSE 408 (Artificial Intelligence): Fall 2009, Spring 2010, Fall 2010 [60 students]
  - CSE 474 (Pattern Recognition): Fall 2010 [30 students]
  - CSE 463 (Computational Geometry): Spring 2011 [30 students] (Co-Instructor)

## Advising and Mentoring Experience

- **The University of Toronto**
  - **Postdocs**
    - \* Rachel Levine (PhD from UofT), (September 2022 - )
      - Topic: Ethics in Robotics
    - \* Dr. Priyank Chanrda (PhD from U of Michigan), (July 2019 - December 2020)
      - Topic: Designing for informal practices in marginalized communities
      - Placement: Assistant Professor, Faculty of Information, University of Toronto (2021)
    - \* Dr. Aparna Moitra (PhD from U of Delhi), (January 2019 - December 2020)
      - Topic: Designing for gender justice in the global south
      - Placement: Research Scientist and Program Manager, Ulula, Canada
  - **PhD Students**
    - \* Ramaravind Kommiya Mothilal (Fall 2022 -)
    - \* Natalie Dullerud (Summer 2022 - ), Co-supervised by Nicolas Papernot
    - \* Yasaman Rohanifar (Fall 2020 - present)
    - \* Maryam Mokhberi (Fall 2019 - present)
    - \* Mohammad Rashidujjaman Rifat (Spring 2018 - present)
    - \* Dina Sabie (Spring 2018 - Summer 2022) (Next: Assistant Professor, Humber College, Canada)
  - **Masters Students**
    - \* Amir Masud Bidaki Zare (2022-)

- \* Eva Smuc (Visiting Student, Summer 2022)
- \* Divas Kapur (2021-2022, MScAC)
- \* Yasaman Rohanifar (2018-2020, Next: PhD Student, Univ of Toronto)
- \* Hazem Ibrahim (2018-2020, Next: Lecturer, New York University, Abu Dhabi)
- \* Abdul Kawsar Tushar (2018-2020, Next: Software Engineer, TelMax)
- \* Jamie Beverley (2018-2019, MScAC, Next: Software Engineer, LKS-CHART)

– **Committee Member**

- \* PhD: Ananya Bhattacharjee (2021-)
- \* PhD: Aditi Bhatia (2020-)
- \* PhD: Cansu Ekmekcioglu Dedeoglu (2018-)
- \* Masters: Levon Amatuni (2018 - 2019)
- \* Masters: Simon Cook (2018-2019)

– **Undergraduate Students**

- \* Amal Nabeel Koodoruth (Summer 2021, Data Science Institute Fellow)
- \* Peiwen Luo (Summer 2022)
- \* Lily (Haiyue) Yang (Summer 2022)
- \* Claire Zhang (Summer 2022)
- \* Natalie Ashgriz (Fall 2021 - Summer 2022)
- \* Akiki Liang (Winter 2022 - Summer 2022)
- \* Kailin Hong (Fall 2021 - Summer 2022)
- \* Pranjal Bajaria (Summer 2021 - December 2021)
- \* Prianka Roy (Fall 2018 -)
- \* Feining Wang (Fall 2021)
- \* Anvi Jain (Summer 2021)
- \* Vannie Koplakrishnan (Summer 2020 - Spring 2021)
- \* Lun Yu Li (2019 - 2021) (NSERC USRA). Next: Graduate Student, Stanford University
- \* Yanna Ding (2020 - 2021) (NSERC USRA, MITACS RA). Next: PhD Student, RPI
- \* Faiyaz Huq (Fall 2017 - Fall 2020) (NSERC USRA)
- \* Daniel Visca (Fall 2020)
- \* Christina Chung (2018-2019)
- \* Samin Khan (2018-2019): (NSERC USRA). Next: CTO and Co-Founder of *Animo*
- \* Zifei Han (2018-2018). Next: Co-Founder of *Uforse Education Group Inc.*
- \* Rasagya Monga (Spring 2018 - Summer 2018) (NSERC USRA)

• **Mentoring students in other institutions**

– **PhD Students**

- \* Sharifa Sultana, Information Science, Cornell University (2016-), PhD Committee.
- \* Samia Ibtasam, Computer Science & Engineering, Univ of Washington (2018-), PhD Committee.
- \* Mishall Ahmed, Political Science, York University (2021-), PhD Committee.
- \* Manika Saha, Computer Science, Monash University, Australia (2020 - ), PhD Committee.
- \* Sucheta Lahiri, Information School, Syracuse University (2019 - )
- \* Upol Ehsan, Human-Centered Computing, Georgia Tech (2016-)
- \* Dipto Das, Information Science, Colorado Boulder (2017 - )
- \* Priyank Chandra, iSchool, University of Michigan (2015-2018)
- \* Mizanur Rahman, Computer Science, Florida International University (2017-)

– **Undergraduate and Masters Students**

- \* Ahana Biswas, IIT Kanpur (2021 - )
- \* Pratyasha Saha, University of Dhaka (2016-)
- \* Md Rayhan Rashed, BUET (2019-)
- \* Swapnil Nandy, Jadavpur University (2019-2021)
- \* Nicole Yan, University of Waterloo (Summer 2021)

- \* Ashratuz Zavin Asha, University of Calgary (Summer 2021)
  - \* Shivesh Jadon, University of Calgary (Summer 2021)
  - \* Syeda Nahida Akter, BUET (2020-2021) (Next: Graduate Student, Carnegie Mellon University)
  - \* Hasan M Prottoy, BUET (2016-2021) (Next: PhD Student, Univ of Maryland at Baltimore)
  - \* Safir Abdullah, BUET (2016-2021) (Next: Commonwealth Fellow, University of Warwick, UK)
  - \* Ananya Bhattacharjee (2019-2020) (Next: PhD Student, Computer Science, UofT)
  - \* Mitrasree Deb, BUET (2018-2020) (next: IT Consultant, Fujitsu Research Institute, Japan)
  - \* Mehrab Bin Morshed, BUET (2013-2015) (Next: PhD Student, Georgia Tech)
  - \* Maruf Zaber (2013-2015), BUET (Next: PhD Student, Univ of California, Irvine)
  - \* Md. M. Rahman, BUET (2009-2012)(Next: PhD Student, UT Austin)
  - \* Sabirat Rubya (2009-2011), BUET (Next: PhD Student, Univ. of Minnesota)
  - \* Rifat Mansur, BUET (2012-2014) (Next: PhD Student, Virginia Tech)
  - \* Faysal Hossain, BUET (2015-2017) (Next: PhD Student, University of Virginia)
  - \* Md. Sajidur Rahman, BUET (2019-2011) (Next: PhD Student, University of Florida)
  - \* Md. Romael Hoque, BUET (2017-2019) (Next: PhD Student, Marquette University)
  - \* Samiha Samrose, BUET (2009-2011) (Next: PhD Student, University of Rochester)
  - \* Rawshan Fatima, Univ of Dhaka (2015-2018) (Next: PhD Student, Rutgers University)
  - \* Scott A. Cambo, Cornell University (2012) (Next: PhD Student, Northwestern University)
- **Research Interns**
- \* Srihari H. Muralidhar, Microsoft Research
  - \* Anupama Dhareshwar, Microsoft Research

## Professional Services

- **Internal Services:**
  - 2021-2022: Member, Equity and Diversity Panel, Department of Computer Science
  - 2021-2022: Co-Director, PRISM
  - 2021-2022: Faculty Hiring Committee, Department of Computer Science
  - 2020-2021: Graduate Award Committee, Department of Computer Science
  - 2020-2021: Faculty Hiring Committee, Department of Computer Science
  - 2019-2020: Undergraduate Research Chair, Department of Computer Science
    - \* Organized Undergraduate Summer Research Program of 40 Computer Science students funded by NSERC and UofT
    - \* Supervised the CRA applications (2 successful)
  - 2019-2020: Faculty Mentor, Second Year Learning Community Department of Computer Science
  - 2019- 2020: Faculty Member, Research Ethics Committee, Department of Computer Science
  - 2018-2019: McASc Admission Committee, Department of Computer Science
  - 2018-2019: Graduate Development Seminar Coordinator, Department of Computer Science
  - 2017-2018: McASc Admission Committee, Department of Computer Science
- **Journal Editing:**
  - Journal of Posthumanism (2020 - present)
  - Co-Editor: Special Issue: Forced Migration: Making Sense of a Complex Ecosystem, The International Journal of Information, Diversity, & Inclusion (IJIDI), 2020
- **Reviewing Book Proposals**
  - MIT Press
  - Oxford Press
- **Grants and Awards Adjudication**
  - Social Sciences and Humanities Research Council (SSHRC): 2021

- Canadian Institutes of Health Research (CIHR) Grants: 2020
- Royal Canada Bank Graduate and Postdoctoral Fellowship: 2020, 2021

- **Conference Organization and Program Committee:**

- Program Committee/ Papers Chair:
  - \* **ICTD 2022**
  - \* **India HCI 2022**
- Associate Chair:
  - \* **ACM CHI:**
    - 2021 (Critical Computing & Sustainability)
    - 2020 (Specific Applications)
    - 2019 (Specific Applications)
    - 2018 (Understanding People)
  - \* **ACM CSCW:** 2022, 2021, 2020, 2019
  - \* **ACM GROUP:** 2020
  - \* **ACM DIS:** 2018
  - \* **ACM ICT4S:** 2018
- Program Committee Member:
  - \* **ACM FaccT:** 2022
  - \* **AAAI (Track on Social Impact):** 2022
  - \* **IEEE SaTML** 2022
  - \* **ACM CHIWORK:** 2022
  - \* **ACM COMPASS:** 2021 (HCI Track Chair), 2020
  - \* **ICTD:** 2019, 2020
- Other Roles:
  - \* **ACM CHI:**
    - 2018: Associate Chair, CHI Workshops
    - 2017: Associate Chair, CHI Workshops
    - 2017: Associate Chair, Late Breaking Work
  - \* **ACM CSCW:** Award Committee (2020, 2021)
  - \* **ICTD:** Poster Chair (2019)

- **Co-organizing Workshops, Panels, Sessions, and Seminars**

- UofT Critical Computing Seminar (2020 - )
- “Integrating Faith, Religion, and Spirituality in HCI” workshop, CHI 2022
- “Decolonizing AI” workshop, MozFest, 2022
- “Migration and Mobility in HCI” workshop, CHI 2021
- “Technology Needs of the Muslim Communities Around the World”, Open panel at 4S, 2021
- HCI4D mini-CHI: A virtual conference of HCI4D papers of CHI 2020
- “IslamicHCI: Designing with and within Muslim Populations”, Workshop at CHI, Hawaii, 2020.
- “Refugees & HCI: Situating HCI Within Humanitarian Research”, Panel, CHI, Glasgow, UK. 2019
- “HCI Across Borders and Intersections”, Symposium at CHI, Glasgow, UK, 2019
- “Charting the future of forced migration research in Information Science”, workshop at iConference, Washington DC, USA, 2019
- “Frontiers of Digital Economy and Governance of Bangladesh”, Panel Discussion at Bangladesh Development Initiative (BDI) Conference, Yale University, March 2019.
- “Targeting Sustainable Development Goal 5 Towards Gender Equality”, Open Session at ICTD’16.
- “Technology for non-WEIRD Population”: Catalyst Team, CSST 2016.
- “Refugees and HCI SIG: The Role of HCI in Responding to the Refugee Crisis”, Panel at CHI 2016.

- “Development Consortium”, at ACM CHI, California, USA, 2016.
- “Bridging the Gaps Between Theory and Practice Through HCI and Education”, Workshop, Indi-aHCI, Gawhati, India 2016.
- “Human and Technology (WHAT)” Workshop, ICCIT, Khulna, Bangladesh, 2014.  
**(First HCI Workshop in Bangladesh)**
- “Educational Interfaces, Software, and Technology (EIST)”, Workshop, CHI, Texas, US, 2012

- **Design Workshops, Tutorials, Seminars, Public Lectures**

- Workshop: “Screen addiction and urban Bangladeshi children”, Dhaka, Bangladesh (with ‘Shoishob’).
- “Design Thinking Workshop Series”, Workshop series at BUET, Dhaka, Bangladesh, 2019
- “Nonlinear Design Thinking”, BRAC University, co-presented with Nusrat Jahan Mim, Dhaka, Bangladesh, 2019
- “Modern Design Thinking: A Human Centered Approach in Creating Technology”, Southeast University, Dhaka, Bangladesh, 2019
- “Fifty Shades of Design Thinking”, Design Workshop, Kaizen Group, Dhaka, Bangladesh, 2017.
- “From Ethnography to Design”, Kolpokoushol Workshop, Dhaka, 2016
- “Design withing Limits”, Innovation Lab, University of Dhaka, 2016

- **Miscellaneous:**

- Vice Chair, Dhaka ACM SIGCHI Chapter (2019-)
- Member, ACM SIGCHI Geographic Inclusion Team
- Treasurer, International Fulbright Science & Technology Fellow Student Association (2012-2013)
- Vice President, Graduate Student Association, Information Science, Cornell University (2013-2014)

## Selected Talks, Lectures, and Presentations

- “Whose intelligence? Whose ethics?: Ethical pluralism and decolonizing AI”, Moral Code Hackathon, UofT, February 2022.
- “Artificial Intelligence Is Here Series: What’s all this talk about bias, fairness, and transparency?”, Canada School of Public Service, February 2022.
- “Whose intelligence? Whose ethics?: Ethical pluralism and decolonizing AI”, Schwartz Reisman Institute for Technology and Society, UofT, February 2022.
- “Whose intelligence? Whose ethics?: Ethical pluralism and decolonizing AI”, Ethical Principles in Artificial Intelligence (EPAI), UofT, February 2022.
- “Low-paid Contractual Jobs on Mobile in the Global South”, Symposium on Human-Computer Interaction for Work, Online, January 2022
- “Addressing anti-Asian COVID-related stigma in online communities”, University of Pretoria, South Africa, Nov 2021
- “Low-paid Contractual Jobs on Mobile”, Google Next Billion Users (NBU) Group, August 2021
- “Designing for Voice: Access, Autonomy, and Justification Questions in Designing Computing Technologies with Marginalized Communities”
  - HCI Seminar, Stanford University, March 2021
  - Invited Speaker Series, Univ of Maryland Baltimore, March 2021
  - DUB Seminar, Univ of Washington, February 2021
  - Center for Ethics, Univ of Toronto, January 2021
- “Future of Work in Global South”, Google workshop on Future of Employment, October, 2020
- “Toward Hope”, HCI4D mini-CHI 2020 (broadcasted worldwide), May 2020 (Online)

- “Youth Crisis in Bangladesh”, Round-table Discussion broadcasted by ‘Chinta Express’, Jan 2020, Bangladesh
- “Thinking about Research”, Public Interview broadcasted by ‘Chinta Express’, Jan 2020, Bangladesh
- “Everyone Has Some Personal Stuff”, at ACM CHI, May 2019, Glasgow, UK.
- “Designing for Voice”, Department of Electrical and Computer Engineering, York University, North York, Ontario, January, 2019
- “Understanding People and Designing Technology”, at the World Usability Day 2018, Organized by TorCHI, The University of Toronto, November, 2018.
- “Designing for Sustainable Development”, at The Department of Computer Science, The University of British Columbia, Vancouver, October, 2018.
- “Designing for Voice”, Toronto User Experience Talk, February, 2018
- “Privacy, Security, and Surveillance in the Global South”, In ACM CHI, April 2017, Colorado, USA.
- “Technology and Humanity”, Keynote Speech, IEEE R10 Humanitarian Conference, December 2017.
- “Fifty Shades of Design Thinking”, Design Workshop, Kaizen Group, Dhaka, Bangladesh, 2017
- “Democracy and Design”. BUET Debating Club, December 2017.
- “Understanding People and Designing Technology” at 10 major universities in the USA and Canada in 2017 as a faculty candidate.
- “Silicon Valley for Bangladesh?”, at BDx Panel, Massachusetts Institute of Technology (MIT), Cambridge, MA. October 15, 2016 (Invited Panelist).
- “Repair and ICTD: Sustainable Technology Practice and Development”, Guest Lecture in “Technology for Development” class at Cornell University, Ithaca, NY. October 2016.
- “Privacy in Repair”, in Int’l Conference on Information and Communication Technologies and Development (ICTD ’16), Ann Arbor, Michigan, June 2016.
- “Understanding People and Designing Technology: Thinking and Building toward Sustainable Development”, at Georgia Tech, February 18, 2016. (Invited Talk)
- “Suhrid: A Collaborative Mobile Phone Interface for Low Literate People”, at ACM DEV 2015, Queen Mary University, London, UK, December, 2015.
- “Ola and Ride Sharing Applications in India”, at Microsoft Research, Bangalore, India, August 2015.
- “Residual Mobilities: Infrastructural Displacement and Post-Colonial Computing in Bangladesh”, at ACM CHI 2015, Seoul, South Korea, April, 2015.
- “Postcolonial technology and development”, at State University of New York, Korea, April, 2015. (Invited Talk)
- “Social Design: A Space beyond Technical Discourse”, at Bangladesh University of Engineering and Technology, Dhaka, Bangladesh, March 2015. (Invited Talk)
- “Design & Development”, at Institute of Business Administration, Dhaka University, March, 2015. (Invited Talk)
- “Designing for People”, at Independent University, Dhaka, Bangladesh, February, 2015. (Invited Talk)
- “Philosophy of Design” at World Literature Center, Dhaka, Bangladesh, January, 2015. (Invited Talk)
- “Art and Craft of Repairing”, at Intel Science and Technology Center for Social Computing (ISTC\*SC) Annual Meeting, Georgia Tech, Atlanta, GA, USA, March 2014.
- “Ethnography and Design for Development”, at Department of Information Science, Cornell University, Ithaca, NY, USA, December 2014.

- “Ecologies of Use and Design: Individual and Social Uses of Mobile Phones Within Low-Literate Rickshaw-Puller Communities in Urban Bangladesh”, at ACM DEV 2013, Cape Town, South Africa, December 2013.
- “Exploring Repair World in Bangladesh” at International Fulbright Science and Technology Annual Meeting, New Orleans, Louisiana, USA, November, 2013.
- “Distance Matters: An Exploratory Analysis of the Linguistic Features of Flickr Photo Tag Metadata in Relation to Impression Management”, at ACM SIGMOD (DBSocial Workshop), Scottsdale, Arizona, May 2012.
- “TEDex Fulbright: Discover 2020”, at International Fulbright Science and Technology Annual Meeting, Florida, USA, November, 2012. **Best Talk Runner Up Prize**
- “Birth Record Communicator: A Pathway to Automated Health Data Acquisition System”, at AMIA Workshop of Wireless Health (WISH), Washington DC, October, 2011.
- “State of OpenStreetMap in Bangladesh”, in Annual State of The Map Conference, Girona, Spain, 2010. **OpenStreetMap Scholarship**
- “More than Words”, at State University of Bangladesh, March, 2010. (Invited Talk)
- “Cutting a convex polyhedron out of a sphere” at the Workshop of Algorithms and Computing (WALCOM) at BUET, Dhaka, Bangladesh, February 2010.
- “Making Cuts Efficient” at The Young Scientists Congress, Dhaka, Bangladesh, December 2009.
- “Cutting a convex polyhedron out of a sphere” at The 7th Japan Conference on Computational Geometry and Graphs, Kanazawa, Japan, November, 2009.

## References

- **Marsha Chechik**: Professor and Head, Department of Computer Science, University of Toronto. Email: [chechik@cs.toronto.edu](mailto:chechik@cs.toronto.edu)
- **Steve Easterbrook**: Professor at the Department of Computer Science, and the Head of the School of Environment, University of Toronto. Email: [sme@cs.toronto.edu](mailto:sme@cs.toronto.edu)
- **Steven J. Jackson**: Associate Professor, Information Science, Cornell University. Email: [sjj54@cornell.edu](mailto:sjj54@cornell.edu)