

Faheem Hussain
Clinical Assistant Professor
School for the Future of Innovation in Society
College of Global Futures
Arizona State University

CAREER STATEMENT:

Experienced interdisciplinary researcher of Public Policy, Information and Communication Technology (ICT), and International Development with 16 years of interdisciplinary research, academic leadership, and community engagement experience across 38 countries of five continents, with 30 universities, and 25 different regional and international organizations. Internationally known for leadership in Diversity, Sustainable Development, Refugee Research, and Women's Empowerment. Ability to design innovative academic curricula and content, create capacity development programs, and advocate for inclusive digital justice.

QUALIFICATIONS AND EMPLOYMENT

EDUCATION

- 2008 **Doctor of Philosophy in Engineering & Public Policy**
Carnegie Mellon University
MacArthur Foundation Scholarship
Thesis: Effectiveness of Technological Interventions for Education
and Information Services in Rural South Asia
- 2006 **Master of Science in Engineering & Public Policy**
Carnegie Mellon University
- 2005 **Master of Science in Telecommunication Management**
Oklahoma State University
Thesis: An Analysis of the Telecom Industry and ICT Education in
Morocco, Malaysia, Pakistan, and Bangladesh
- 2003 **Bachelor of Science in Computer Science**
Dhaka University, Dhaka, Bangladesh

ACADEMIC POSITIONS

Jan. 2019 – Present	Clinical Assistant Professor School for the Future of Innovation in Society Senior Sustainability Scientist Global Institute of Sustainability and Innovation Affiliated Faculty Lincoln Center for Applied Ethics Center for Asian Research <i>Arizona State University</i>
Aug. 2017 – Dec. 2018	Teaching Faculty <i>Arizona State University</i>
Aug. 2014 – Dec. 2017	Assistant Professor Department of Technology and Society <i>SUNY (State University of New York) in Korea</i>
July 2009 – June 2014	Associate Professor (August 2013-June 2014) Assistant Professor (July 2009 – July 2013) Department of ICT and Computer Science <i>Asian University for Women (AUW)</i>
Aug. 2008 – May 2009	Special Faculty Department of Information Systems <i>Carnegie Mellon University in Qatar</i>

PUBLICATIONS (* = Peer Reviewed)

JOURNALS

2020/2021

1. F. Hussain (2021). From Persecution to "Prosperity": Struggles, Aspirations, and Innovations among Rohingya Refugees in Digital Entrepreneurship. *Work in progress. Selected to be published in Special Issue on Refugees and Digital Work at Development and Change (Mid-2021)*

JOURNALS

(Cont.)

2. F. Hussain (2021). Can the displaced people dream for democracy? A case study on Rohingyas' struggles and innovations for political mobilization in the digital space. *Work in progress. Selected to be published in Special Issue: The contours of digital democracy in Asia in Asiascape: Digital Asia (Mid-2021)*

2018

3. * F. Hussain and S. Brown (2018). Developing a comparative framework of ICT4D initiatives in the global South: A critical realist approach. *Electronic Journal of Information Systems in Developing Countries (EJISDC)*. 2018; e12055. DOI: <https://doi.org/10.1002/isd2.12055>
4. * F. Hussain and S. N. Amin (2018). 'I don't care about their reactions': agency and ICTs in women's empowerment in Afghanistan, *Gender & Development*, 26:2, 249-265, DOI: 10.1080/13552074.2018.1475924

2016

5. * F. Hussain and M. Mostafa (2016). "Digital Contradictions in Bangladesh: Encouragement, and Deterrence, of Citizen Engagement via ICTs", *Information Technologies and International Development Journal*, Special Issue, 2016. 12.2 (2016): 47-. Print.

2013

6. * F. Hussain and S. Ullah (2013). "Mobile Communication and Internet in Bangladesh: Is Privacy at Risk for Youth Population?", *Media Watch*, Centre for Communication Studies, May, 2013.

2010

7. * F. Hussain and R. Tongia (2010). "A Framework and Case Example for Evaluating Cost-Effectiveness of Information Services Across Technologies", *Information Technologies and International Development Journal*, Special Issue (Vol. 6, Issue 2, 2010).

2008

8. * F. Hussain (2008). "Quest for a Sustainable Community Radio Broadcasting in Nepal: Practices, Prospects and Problems", *Global Media Journal*, Australian Edition (2008).

2005

9. * F. Hussain, "An Overview of Telecommunications Regulatory Environment in Bangladesh", *Journal of Computer Science*, Dhaka University (Annual issue, 2005).

BOOK

2009

10. F. Hussain, "Effectiveness of Technological Interventions for Education and Information Services in Rural South Asia ". ProQuest LLC, 2009, Ann Arbor, MI, USA (No. of Pages: 173).

BOOK CHAPTERS

2020

11. Roseanne C. Schuster, Karin Wachter, and Faheem Hussain (2020), "Women at the center: The way forward to promote health and resilience in the context of displacement". In: Gerber B., Gal M., Brundi K., Hondula D. (eds). *Changing World, Changing Knowledge: A New Research Agenda to Reduce Disaster Risk*. Publisher: World Scientific Publishing Series: World Scientific Series on Public Policy and Technological Innovation Series. Editor-in-Chief: Siegel D. (Mid-2021)

2017

12. * S. Brown and Faheem Hussain (2017), "Information Ecology as a Framework for South-South Cooperation: Case Studies of Rwanda and Bangladesh ICT-Based Health Applications". In: Choudrie J., Islam M., Wahid F., Bass J., Pr iyatma J. (eds) *Information and Communication Technologies for Development. ICT4D 2017. IFIP Advances in Information and Communication Technology*, vol 504. Springer, Cham.

2016

13. * F.Hussain (2016), "Women's Empowerment, SDGs and ICT, Core Module 1". Book Chapter in *Women ICT Frontier Initiative (WIFI)*. Published by United Nations Asian and Pacific Training Centre for Information and Communication Technology for Development, Incheon, Republic of Korea.
14. * F.Hussain (2016), "Enabling Role of ICT for Women Entrepreneurs, Core Module 2". Book Chapter in *Women ICT Frontier Initiative (WIFI)*. Published by United Nations Asian and Pacific Training Centre for Information and Communication Technology for Development, Incheon, Republic of Korea.

2015

15. * F. Hussain and M. Mostafa (2015). "Political Micro-blogging in Global South: A Case Study of Twitter in the "Shahbag Movement". Book Chapter in *ICTs in Developing Country: Research, Practices & Policy Implications*. B. L. Dey, K. Sorour, and R. Fillieri (Editors), Palgrave Macmillan, UK.

BOOK CHAPTERS

(Cont.)

16. * S. N. Amin, V. Ganepola, F. Hussain, S. Kaiser, and M. Mostafa (2015). "Impact of conducting gender research on the researchers in the context of Muslim communities in developing countries". Book Chapter in Journal Advances in Gender Research, Special Issue on "At the centre: Feminism, Social Science and Knowledge", Volume 20. M.T. Segal (Editor), Emerald, USA.

CONFERENCES

(Selected)

2020

17. A. H. Safir, F. Hussain, P.J. Wall. (2020). "Information Flow Pathways for Rohingya Refugees: Challenges, Resilience and Innovations". Proceedings for Research-in-Progress Papers, Page: 242-244, The Future of Digital Work: The Challenge of Inequality, IFIP Joint Working Conference, Hyderabad, India, December 10-11, 2020
18. F. Hussain & M. Mostafa, "Digital afterlife: What happens to our data after our death? Why should we care?". Presented in IEEE International Symposium on Technology and Society (ISTAS), November 12-13, 2020
19. *F. Hussain, P.J. Wall, R. Heeks. (2020). "Digital Innovation by Displaced Population: A Critical Realist search for Mechanisms in Rohingya Refugee camps in Bangladesh". 2020 IFIP WG 9.4 European Conference on the Social Implications of Computers in Developing Countries, Manchester, U.K., June 10-11, 2020
20. *F. Hussain, A. H. Safir, D. Sabie, Z. Jahangir, and S. I. Ahmed. (2020). "Infrastructuring Hope: Solidarity, Leadership, Negotiation, and ICT among the Rohingya Refugees in Bangladesh". In Proceedings of the 2020 International Conference on Information and Communication Technologies and Development (ICTD2020). Association for Computing Machinery, New York, NY, USA, Article 12, 1–12. DOI: <https://doi.org/10.1145/3392561.3394640>

2019

21. * F. Hussain, Z. Jahangir, and A.H. Safir, "Rethinking Access to Information: The Missing Links and Undiscussed Questions of Exclusion in Rohingya Camps", International Conference on Rohingya Crisis in Bangladesh: Challenges and Sustainable Solutions, North South University, Bangladesh, July 27-28, 2019

CONFERENCES

(Cont.)

22. * F. Hussain, Z. Jahangir, and A.H. Safir, "Evaluating the Impact of Fake News on Displaced Population: Experience with Rohingya Refugees from Myanmar", International Conference on the Rohingya Crisis in Comparative Perspective, University College London (UCL), UK, July 4-5, 2019
23. * A. Karim and F. Hussain, "'When will you start teaching the REAL curriculum?'- Challenges and Innovations in Education for Rohingya Refugees", 15th IFIP Conference on Social Implications of Computers in Developing Countries, Tanzania, May 1-3, 2019
24. * S. Brown, F. Hussain and A. Masoumifar, "Refugees and ICTs: Identifying the Key Trends and Gaps in Peer-reviewed Scholarship", 15th IFIP Conference on Social Implications of Computers in Developing Countries, Tanzania, May 1-3, 2019

2017

25. * F. Hussain, M. Mostafa, and D. Usmonova. (2017). "Digital Walking Dead: How Safe is the Global South?" In Proceedings of the Ninth International Conference on Information and Communication Technologies and Development (ICTD '17). Association for Computing Machinery, New York, NY, USA, Article 28, 1–5.
DOI:<https://doi.org/10.1145/3136560.3136593>

2016

26. *F. Hussain, S. N. Amin, M. Mostafa, " Agency and ICT in Women's Empowerment: Experiences from Afghanistan", Communication Policy Research (CPR) South 2016 Conference by LIRNEAsia and Research ICT Africa, Zanzibar, Tanzania, September 8-10, 2016
27. * S. Brown and F. Hussain, " South-South Cooperation: Can Rwanda's Community Health Service Learn From Bangladeshi Info Lady", Information and Communication Technologies and Development (ICTD) 2016, University of Michigan, Ann Arbor, Michigan, USA

2015

28. * P. Zander and F. Hussain, " Impacting on Gender Equality through a Women's ICT program in South Asia - An exploratory study", 13th IFIP Conference on Social Implications of Computers in Developing Countries, Sri Lanka on May 20-22, 2015

2014

29. * F. Hussain and M. Mostafa, "Digital Bangladesh- A boon or threat to Digital Freedom?", Communication Policy Research (CPR) South 2014 Conference by LIRNEAsia and Research ICT Africa, Johannesburg, South Africa, September 10-12, 2014

CONFERENCES

(Cont.)

2013

30. S. N. Amin and F. Hussain, “Access to Information for South Asian Migrant Workers: Are the women falling behind?”, International Conference on "Gender and Migration: Changes and Challenges" 2013, organized by Gender Research Centre & Gender Studies Programme, The Chinese University of Hong Kong, December 9-11, 2013.
31. S.N. Amin and F. Hussain, ““Our women are better than their women”: Women’s statuses as sites of contestations among migrant workers from South Asia”, International Conference on "Gender and Migration: Changes and Challenges" 2013, organized by Gender Research Centre & Gender Studies Programme, The Chinese University of Hong Kong, December 9-11, 2013.
32. * F. Hussain and S. Ullah, “Privacy Concerns of Youth: Ethical Reflections in Bangladeshi Print Media”. Annual Conference of International Association for Media and Communication Research (IAMCR), Dublin, Ireland, June 25-29, 2013.

2012

33. * F. Hussain, “License Renewal of Mobile Phone Services: What a Country Should Not Do (A Case Study of Bangladesh)”, Telecommunication Policy Research Conference, George Mason University, September 21-23, 2012.
34. F. Hussain and S. Ullah, “Mobile Communication for Development in Emerging Bangladesh: Exploring the Privacy and Security Risks within Youth Population”, 14th Annual International Conference on Electronic Commerce, Singapore Management University, Singapore, August 7-8, 2012.
35. F. Hussain and S. Ullah, “Youth in Cyberspace and Vulnerability: Experience from Bangladesh” Annual Conference of International Association for Media and Communication Research (IAMCR), South Africa, July 15-19, 2012.

2011

36. * F. Hussain, “Telecom Regulatory Environment in “Digital Bangladesh”: Exploring the Reasons behind Poor Sector specific Performance”, Sixth Communication Policy Research (CPR) South Conference by LIRNEasia and Chulalongkorn University, Bangkok, Thailand, December 9-10, 2011.

CONFERENCES

(Cont.)

37. F. Hussain and S. Ullah, "Social networking, privacy and level of vulnerability among youths: in search of a policy framework protecting the citizens from malpractice in the cyberspace of Bangladesh", Annual Conference of International Association for Media and Communication Research (IAMCR), Istanbul, Turkey, July 13-17, 2011.

2009

38. * F. Hussain and R. Tongia, "Cross Technology Comparison for Information Services in Rural Bangladesh", IEEE/ACM International Conference on Information and Communication Technologies and Development *ICTD2009*, Doha, Qatar, April 17-19, 2009.

2007

39. * F. Hussain and R. Tongia, "Community Radio for Development in South Asia: A Sustainability Study" (poster), IEEE/ACM International Conference on Information and Communication Technologies and Development *ICTD2007*, Bangalore, India, December 15-16, 2007, *full paper published in ICTD2007 Proceedings*.

OP-EDS, NEWSPAPER, BLOG, MAGAZINE

(Selected)

2020

1. F. Hussain. "How can we continue education during Corona Crisis?". *Prothom Alo*. March 27, 2020

2019

2. F. Hussain. "Network shutdowns in Rohingya camps: how they're damaging the fragile information ecosystem of refugees from Myanmar". *Access Now*. October 2, 2019.

2018

3. F. Hussain. "Digital Access Isn't a Luxury for Refugees, It's a necessity". *Future Tense, Slate*, June 14, 2018.
4. F. Hussain. "Bangladesh Should Legalize SIM Cards for Rohingya Refugees", *Freedom House*, February 20, 2018.

2015

5. F. Hussain. "Empowering Afghan women: does technology help or hinder?", *Open Democracy*, October 30, 2015.

OP-EDS, NEWSPAPER, BLOG, MAGAZINE

(Cont.)

2014

6. F. Hussain. "Digital freedom in Bangladesh: Navigating in uncertain waters", *Index On Censorship*, April 10, 2014.

2010

7. F. Hussain and F. Naumi, "Female Education in Bangladesh: Promising Present, Challenging Future", Research Article on *On Campus with Women, Association of American Colleges and Universities*, October 2010.

KEYNOTE LECTURES, WORKSHOPS and INTERVIEWS

2021

1. Co-organizer, Workshop on **Migration and Mobility in HCI: Rethinking Boundaries, Methods, and Impact**, at the ACM Conference on Human Factors in Computing Systems (CHI), to be held on May 8, 2021 (virtual)
2. Session Chair, Session on **Displacements, ICTs, and #NewNormal**, at 16th IFIP Conference on Social Implications of Computers in Developing Countries, to be held on Summer 2021 (virtual)

2020

3. Invited Speaker, **Online safety for women internet users in Bangladesh**, Organized by **UN Women**, as a part of the "16 Days of Activism against Gender-based Violence #OrangeTheWorld" program on November 29, 2020
4. Keynote Speaker, **ICTs, Sustainable Development, and #NewNormal**, in the International Lecture Series. Organized by Tarlac State University in the Philippines. Supported by **UN's Asian and Pacific Training Centre for Information and Communication Technology for Development (UN APCICT)**, November 26, 2020
5. Moderator, **Best Practice in PIT Programs, 2020 PIT-UN Convening** on Best Practices in Public Interest Technology, November 13, 2020
6. Lead Facilitator, four workshops on **Women ICT Frontier Initiative (WIFI)** for the women entrepreneurs and trainers in **Papua New Guinea**, organized by UN-APCICT and **International Telecommunications Union (ITU)** (October 20, October 22, October 27, and November 3, 2020)

KEYNOTE LECTURES, WORKSHOPS and INTERVIEWS

(Cont.)

7. Co-Lead Workshop Speaker. **Digital Strategies for Offline Communities: Cases and Lessons from the Field**. Organized by USAID and Research Technical Assistance Center. August 12, 2020
8. Session Chair, **Alternative internet for Rohingyas: bypassing shutdowns, innovating solutions, infrastructuring hope (pre- and post-COVID-19 world)**, RightsCon Online 2020, July 27-31, 2020
9. Session Speaker, **Digital rights solidarities in South Asia**, RightsCon Online 2020, July 27-31, 2020
10. Co-Lead Workshop Speaker. **Digital Strategies in Education: Evidence from the Field**. Organized by USAID and Research Technical Assistance Center. April 8, 2020
11. Speaker, **Mobilizing and Inspiring Action with Technology Workshop**. Organized by **World Economic Forum** at Kathmandu, Nepal, February 19-21. 2020
12. Session Speaker. **ICTs and Identities: Challenges, Innovations, and Resilience among Rohingya Refugees**, at the Thirteenth Workshop on the Social Implications of National Security (SINS20), Washington D.C., March 13, 2020
13. Session Speaker. **Our Digital Afterlife** in *Death In the 21st Century: What is Left Behind* session in American Association for the Advancement of Science (AAAS) Annual Meeting, Seattle, WA, February 16, 2020

2019

14. Keynote Speaker on **Education research utilization for Refugees around the World** in *Using Research to Advance International Development: Women's Empowerment as a Case Study* event, organized by USAID in Washington D.C., December 11, 2019
15. Session Co-Chair, **ICT for Displaced Population & Refugees. How does it help? How does it hurt?**, 15th IFIP Conference on Social Implications of Computers in Developing Countries, Tanzania, May 1-3, 2019

2018

16. Session Chair, **Digital Rights for the Persecuted Refugees: Can there be a Global Support Framework?**, RightsCon 2018 in Toronto, May 16-18, 2018
17. Session Speaker, **Social Media in Bangladeshi Politics: The Ugly, The Zombies, & The Jedi Knights**, Politicians and Social Media in the Global South Workshop in University of Michigan, April 14, 2018

KEYNOTE LECTURES, WORKSHOPS and INTERVIEWS

(Cont.)

18. Session Speaker, **STEM (Education) for Empowerment: How Asian Women are doing?**, Science and Engineering for Social Good, organized by National Center for Science & Civic Engagement in Georgia Institute of Technology, February 9-11, 2018

2015

19. Panel Speaker in **Civil Action for Media Freedom** in World Forum for Democracy 2015, November 18-20, 2015

2012

20. *New media for new citizens in global South: Are they ready?* , The Arab Spring: Cross Perspectives, jointly organized by *Alliance Française* and Asian University for Women, Chittagong, Bangladesh (Nov 15, 2012)

a. *Shared research findings on effectiveness of political mobilization using New Media in developing countries*

21. *Empowering the Future Leaders of Asia with ICT: Can Problem Based Learning help?*, 1st International Conference on 'Mobility for Life: Technology, Telecommunication and Problem Based Learning, organized by Mae Fah Luang University, Chiang Rai, Thailand (March 5-7, 2012)

a. *Discussed the opportunities and challenges of applying Problem Based Learning in tertiary education*

RESEARCH, GRANTS and SUPERVISION

- **Community-led Knowledge Network for Bangladesh to Combat COVID-19 Misinformation.** Applied to USAID's **Global Health New Partnerships Initiative (NPI) COVID-19 Round.** Proposed Budget: US\$ 10,000,000 (Under Review)
- **Digital afterlife and the displaced: Challenges and practices among Rohingyas at People's Expectations and Experiences with Digital Privacy** research awards by **Facebook**, 2020 (Finalist)

RESEARCH, GRANTS and SUPERVISION

(Cont.)

- Recipient of **Creating Hope in Conflict: A Humanitarian Grand Challenge Grant** for a two-year, multi-country research *Redesigning Mobility Aid to Function in Challenging Environments and Limited-Resource Settings*, (US\$ 250,000 appx., with Assistant Professor Suzana Brown, SUNY Korea and Assistant Professor Achilles Vairis, Hellenic Mediterranean University)
- Recipient of BRAC's fund of US\$ 10,000 for **Impact and Innovation Analysis of Digital Communication Platforms by Rohingyas** (details in RESEARCH LEADERSHIP section)
- Recipient of SFIS Collaborative Seed Grant for an interdisciplinary research *Sustainable Communication and Knowledge Platforms for Displaced Populations: Experiences with Rohingya Refugees in Bangladesh*, (US\$ 8,000, with Assistant Professor Uttaran Dutta of the Hugh Downs School of Human Communication of Arizona State University)
- Recipient of **Ford Foundation Grant** for a three-year, multi-country research *Impact of Female Employment and Female Education on Gender Relations in the Family in South and Southeast Asia*, (US\$ 345,000 appx., with Associate Professor Varuni Ganepola and Assistant Professor Sara Nuzhat Amin, Social Science and Asian Studies, AUW; Grant Number: 01301055-0)

RESEARCH LEADERSHIP

Lead Researcher	United Nations Asia and Pacific Training Center for ICT for Development	Oct. 2020 – Jan. 2021
	<ul style="list-style-type: none">• Lead Researcher for Combating COVID-19 with ICT: Effective Practices and Policies in the Asia Pacific Region<ul style="list-style-type: none">• ICT Policy analysis of ASEAN countries during the global pandemic• Stocktaking of ICT initiatives and innovations by different stakeholders in the Asia Pacific in dealing with COVID-19 crisis	

RESEARCH LEADERSHIP

(Cont.)

Researcher of Displacement, Refugees	Critical Medical Humanitarian Data Studies Network <ul style="list-style-type: none">○ Establishing a new, qualitative, medical humanitarian research agenda of emerging healthcare management technologies for vulnerable populations○ Organized by Humanitarian and Conflict Response Institute (HCRI), University of Manchester○ Sponsored by Wellcome Trust	Oct. 2020 – Sep. 2021
Lead Researcher	BRAC's (<i>the top ranked NGO in the world</i>) research Impact and Innovation Analysis of Digital Communication Platforms by Rohingyas <ul style="list-style-type: none">○ Mapping of key information access and communication stakeholders, gatekeepers○ Evaluating the roles and impacts of digital platforms (mobile phones, internet, social networks)○ Exploring how migration impacts religious identity and the consequent politics belonging in both sending and receiving countries	June 2019 - July 2020
Lead Researcher	Mission Publiques' global program on Future of the Internet <ul style="list-style-type: none">● Lead Researcher for the Bangladesh/Myanmar/Rohingya Refugee edition of Global Citizens' Debate "We the Internet"<ul style="list-style-type: none">○ Conducting workshops in the Rohingya refugee camp areas in the border region between Myanmar and Bangladesh○ Identifying the key perceptions, aspirations, and vision related to the future of the Net among Rohingyas, the refugee group from Myanmar	December 2018 – March 2020

RESEARCH LEADERSHIP

(Cont.)

Lead Expert	United Nations Asia and Pacific Training Center for ICT for Development <ul style="list-style-type: none">• Resource Person for “Women and ICT Frontier Initiative” (WIFI)<ul style="list-style-type: none">• Analysis of stocktaking and needs assessments• Identification of priority training content and content development strategies; planning and developing advocacy programs• Planning and delivery of capacity development training of trainers <p>Resource Consultant for “Social Media for Governance and Development”</p> <ul style="list-style-type: none">• Identification of priority training content and content development strategies• Planning and delivery of capacity development training of trainers	Jan. 2015 – Dec. 2018
Lead Researcher	Freedom House, an Independent Watchdog Organization on Global Freedom <ul style="list-style-type: none">• Evidence based research on Bangladesh’s status on Internet Freedom in 2012-19• Digital Rights and Online Freedom of Expression Policy Analysis	Mar. 2013- Dec. 2019
Managing Director and Lead Researcher	iStrategy Ltd., a Technology Policy Consulting Company <ul style="list-style-type: none">• Strategy Advising for The Ministry of Health and Family Welfare<ul style="list-style-type: none">• National Electronic and Mobil Health Policy formulation with the support of Rockefeller Foundation• Stocktaking best practices and challenges of ICTs in healthcare information systems	Nov. 2010 – Present

RESEARCH LEADERSHIP

(Cont.)

Research Fellow	<p>LIRNEasia</p> <ul style="list-style-type: none"> • Lead Researcher for Bangladesh <ul style="list-style-type: none"> • ICT Sector Performance Review (2009-11) of South and South-East Asia (Bangladesh, India, Pakistan, Sri Lanka, Indonesia, Thailand, and Philippines) • Supported with the grant from IDRC and DFID 	Feb. 2011 – July, 2014
Lead Researcher	<p>World Wide Web Foundation</p> <ul style="list-style-type: none"> • Led Research on Bangladesh’s status in the Affordability Index Study 2014 	July-August, 2014
ICTD Specialist	<p>Access to Information (A2I) project of the Government of People’s Republic of Bangladesh (Prime Minister’s Office) and United Nations Development Program (UNDP)</p> <ul style="list-style-type: none"> • Strategy Advising for <ul style="list-style-type: none"> • The development of Connecting Citizens and Education chapters of <i>National Strategy Paper on Digital Bangladesh</i> 	Dec. 2009 – Dec. 2010
Member and Sector Specialist	<p>Dynamic Coalition on Internet and Climate Change, International Telecommunication Union (ITU)</p> <ul style="list-style-type: none"> • Represented Bangladesh in Internet Governance Forum (IGF) <ul style="list-style-type: none"> • Participated in annual IGF meetings in 2010 (Vilnius, Lithuania) and 2011 (Nairobi, Kenya), and presented work on “ICT Adaptation & Innovation for Combating Climate Change” 	Sept. 2010 & Sept. 2011
Research Consultant	<p>IdeaCorp</p> <ul style="list-style-type: none"> • Lead Researcher for Bangladesh <ul style="list-style-type: none"> • IDRC supported cross-country research on New Media, ICT, and Environment Movement in Asia, Africa, and South America 	Jan. 2011 – Oct. 2011

TEACHING

School for the Future of Innovation in Society, Arizona State University

Clinical Assistant Professor

January 2019 – Present

Courses Teaching

- **Research Design in Technology & Development** (Spring and Fall 2019, Fall 2020)
 - This class provides an overview of the research design process, from identifying research topics and problems, conducting literature reviews, and constructing the subsequent methodology that fits the research question(s).
- **Quantitative and Qualitative Research: Methodological Approaches and Techniques in Development Studies** (Spring 2019, 2020, 2021)
 - This course introduces key methods used in published research, and the evaluation of these choices for specific research questions, focuses on the connection between the research problem and research methods, how to evaluate and utilize data, as well as how to evaluate published research literature.
- **Global Technology and Development** (Spring 2019, 2020, 2021)
 - This class introduces students to the field and practice of global development, with an emphasis on the variable of technology, with technology very broadly defined, and to the central themes and questions of globalization, technology and development, and explore central concepts from economic and social development theory.
- **Innovation in Society** (Summer 2019, 2020)
 - This course introduces different key attributes of innovation, how these are created, why some innovations stray wildly from their intended functions and what future innovations may entail. This course also introduces students to varied processes of innovation and social change.
- **Grassroots Energy Innovation** (Summer 2018, 2020)
 - This class focuses on the great urgency and need for transformational innovations in the energy space, tailored to address the immediate and long-term needs of different underserved groups and marginalized communities, with the goal of creating impact at the grassroots level.

TEACHING

(Cont.)

Teaching Faculty

August 2017 – December 2018

Courses Taught

- **Research Design in Technology & Development** (Fall 2017, Spring and Fall 2018)
- **Quantitative and Qualitative Research: Methodological Approaches and Techniques in Development Studies** (Spring 2018)
- **Grassroots Energy Innovation** (Summer 2018)
- **Global Technology and Development** (Fall 2018)

Department of Technology and Society, SUNY (State University of New York) Korea

Assistant Professor

August 2014 – December 2017

Courses Taught

- **Introduction to Modern Engineering** (Fall 2014-17, Spring 2015-16)
 - This class familiarizes students with systems and decision-making concepts of modern engineering and technology
- **International Business and Management** (Fall 2014)
 - This class covers the world's marketplace, international environment, and the management of international business operations
- **Problem Solving** (Spring 2015)
 - This class introduces a group of techniques and methods of problem solving as developed by the engineers and applied scientists
- **Organizational Behavior** (Summer 2015, Online Teaching for Stony Brook Campus)
 - This class covers the basic and applied concepts of organizational behavior in the contexts of local, regional, and international businesses

TEACHING

(Cont.)

- **Communication for Engineers and Scientists** (Fall 2015-16)
 - This class enables engineers, scientists and managers of technology to more effectively communicate in the new media environment created by the digital network revolution

Department of ICT and Computer Science, Asian University for Women (AUW)

Associate Professor (August 2013-June 2014)

Assistant Professor (July 2009 – July 2013)

Courses Taught

- **New Media**
 - This class analyzes history of New Media, its present socioeconomic impacts, and the participatory nature of its information dissemination process
- **ICT for Development: What, Why, and How**
 - This class covers in-depth analysis of ICT based development initiatives, their successes, failures; Explores connections with geo-political challenges at national, regional, and international levels
- **Ethics in Science, Technology, and Public Policy**
 - This class addresses ethical implications of conducting science based research and other activities in the information age
- **Media, Communication Technology, and Ethics**
 - This class examines the role of ethics in Communication, “Access to Information”, Privacy, Copyrights, and Social Media
- **Global Information Society-Trends, Evolution and Regulations**
 - This class introduces the Communication Technologies of today, their regulations, market structure, ownership regulations, competition, and socioeconomic impacts
- **Survey Design and Data Analysis in Social Science**
 - This class analyzes qualitative and quantitative data from social science field research

TEACHING

(Cont.)

Department of Information Systems, Carnegie Mellon University, Qatar Campus

Special Faculty

August 2008 – May 2009

Courses Taught

- **Global Information Society: Trends, Evolution and Regulations**
 - This class introduces the Communication Technologies of today, their regulations, market structure, ownership regulations, competition, and socioeconomic impacts
- **Global Issues, Local Solutions: Millennium Development Goals**, co-taught with Prof. Indira Nair
 - This class covers United Nations policies and projects in eradicating poverty, comparative analysis between Asia and North America
- **Introduction to Engineering and Public Policy**
 - This class familiarizes with foundations for government policies on different engineering issues, their uses and limitations

SERVICE

REVIEWING, ORGANIZING, ADVISING, AND PROFESSIONAL SERVICES

- **Editorial Board** of the Journal of Communication Informatics (2010-2012)
- **Co-Chair of Poster Session (and member of the Organizing Committee)** in the 3rd IEEE/ACM Intl. Conference on ICT and Development (ICTD2009), **Program Committee Member** of ICTD 2011, 2013, and 2019, and IFIP 2019, 2020, 2021
- **Member** of Institute of Electrical and Electronics Engineers (IEEE), International Association for Media and Communication Research (IAMCR)
- **Advising (Doctoral)**
 - Natalie Severy (Second Year, Human and Social Dimension PhD Student; Working on Displacement, Inclusive Architectural Design, Development)

SERVICE

(Cont.)

- Bruno Atieh (Innovation in Global Development PhD Student; Starting in Spring 2020)
- Clinton Reiswig (Innovation in Global Development, Committee Member)
- M. Beatrice Dias, “*Evaluation of Policy and Research Interventions in Science and Technology: Consequence Assessment of Regulatory and Technology Transfer Programs*”, Department of Engineering and Public Policy, Carnegie Mellon University– Ph.D. Committee, Graduated in August, 2011
- Farzana Akhter, “*Rural Community Development Strategy beyond the Access to Information : The Role of Tele-Centers in Bangladesh.*”, Department of Human Centered Informatics, Aalborg University- Ph.D. Committee, 2013

MS Dissertation Committees

- Sulafa Salim, *The Role of Information and Communication Technology in Autism Care Case Study: Sudan.* (Fall 2019)
- Ryan Treisman, *Empowering Coffee Farmers with an Online Direct Trade Platform.* (Spring 2018)
- Kayla Kutter, *Applying Risk Innovation Principles within a Business Context.* (Spring 2019)

Chair of Masters Theses and Applied Projects (Global Technology and Development)

- D'Mitri Farthing (Thesis Topic and Graduation Date: TBD)
- Lyndsay Booth (Thesis Topic and Graduation Date: TBD)
- Alexandra Alvarez, *A Snapshot and Process Evaluation of the Philippine Education Policy during the COVID-19 crisis* (Spring 2021)
- Ryker Garrett, *Integrating Spatial Analyses at Local Scales Using GIS for Rural Electrification in Alta Verapaz, Guatemala.*(Spring 2020)
- Steven Williams, *CRxRUS: The Cloud-Based Patient Check-in System.* (Spring 2020)
- Xucheng Zhang, *Internet of Things and Global Agriculture: The Disruption of the GERD Project & Its Implications on Society.* (Spring 2020)
- Bisrat Bahta, *The Disruption of the GERD Project & Its Implications on Society.* (Fall 2020)
- Carl Iverson, *Barriers to Addressing Energy Poverty on the Navajo Nation.* (Summer 2019)
- Brittany McCall, *Business for Good or Good for Business? - The Nexus Between Aid-based Development and Private Enterprise.* (Spring 2019)

SERVICE

(Cont.)

- Farah Najar Arevalo, *Effectiveness of Digital Civic Engagement (DCE) tools in the City's Development: A Comparative Analysis*. (Spring 2019)
- Colleen Gallagher, *Integrating Technology Development Strategies to Create an Education System for Displaced Rohingyas*. (Spring 2019)
- Alison Bentley, *Technology's Role in Spreading and Solving Child Abuse: Malaysia, A Case Study*. (Fall 2018)
- Charlene Silva, *Using Social Media for Job Searching and Career Advancement. Is LinkedIn the Best Option for Women of Color in Maricopa County*. (Fall 2018)
- Amina Hajdarovic, *Opportunity of Kenyan women in agricultural professions: Analyzing the impact of ICT's and women empowerment in the agricultural sector within Kenya*. (Fall 2018)
- Chadtavia Pigford, *Improving Haiti's Sewage and Sanitation Issues*. (Fall 2018)
- Joshua Arnoldi, *Innovating a Universal Healthcare and Advanced Medical Technology in Indonesia: The Need for Telemedicine*. (Fall 2018)
- Manuel J Leyden, *The Usage and Effect of Facebook in the High School Classroom*. (Spring 2018)
- Shannon Smith, *Ecotourism for Sustainable Economic Growth in the Country of Belize*. (Spring 2018)
- Marcus Goodwin, *Scientific Evaluation of Post-Cold War US Security Sector Assistance Policy*. (Spring 2018)
- Sheila Renee Alvarez, *Securing the Future of Raqqa Through Virtual Counseling, Education, and Job Skills for Adolescent Male Syrian Refugees*. (Spring 2018)

Second Reader of Masters Theses and Applied Projects (Global Technology and Development)

- Andrea Sims, *Quality Education for All: Examining Education Technology for Equitable Learning in Kenya*. (Spring 2020)
- Arthur Kuyumjian, *Effects of Increased Demand for Rechargeable Batteries in the Democratic Republic of Congo*. (Spring 2020)
- Geneva Steward, *Human Development Indices and the Sustainable Development Goals: A Comparative Case Study of Israel, Turkey, and the U.S.* (Spring 2020)
- Maria Tornow, *Luxury Resort Tourism: Economic Success & Failure for Emerging Economies*. (Spring 2020)
- Bobette Sylvester, *Technology Proliferation in Secondary Education: Is the Investment yielding a Return on Learning?* (Fall 2019)
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SERVICE

(Cont.)

- Erma Bekele, *How is Social Media Influencing the Political Sphere in Ethiopia?* (Fall 2019)
- Lisa Merino, *Remedying Conflict and Promoting Human Development in Colombia: Seed to Sale Technology*. (Fall 2019)
- William Hamblin, *Understanding the Syrian War Economy*. (Summer 2018)
- Anita Hansen, *Morocco's Laws for Women's Rights & Reality*. (Fall 2018)
- Canyon Jorgensen, *Research Proposal for a Comparative Study of the Social and Technological Dimensions of Residential Water Use*. (Fall 2018)

SFIS Undergraduate Research program (SURF) Mentoring

Topic: *Sustainable communication and knowledge platforms for displaced populations*

- Emily Santora (Fall 2018)
- Marley Urseth (Fall 2018, Spring 2019)
- Vishnu Vardhan Kancharla (Fall 2018, Spring 2019)
- Katherine Nguyen (Spring 2019)
- Hatem Al-Hattali (Spring 2019)
- Wen Wendt (Fall 2019)

Topic: *Rethinking Death in the Digital Era: What happens to your digital self after you die?*

- Sagan Hagstrom (Spring 2020)
- Nathalie Vu (Spring 2020)
- Cortez White (Fall 2020)
- Frenard Ganda (Graduate Student, Summer 2020)
- **Advising (Senior Thesis, Asian University for Women, selected)**
 - Asma Humayun: "*Understanding the Gap between Madrassa Education and the Job Market in Pakistan*", Department of Asian Studies, 2014
 - Afsana Sadiq Atuly: "*Secondary Education System in Bangladesh: Challenges and Opportunities for Urban Women*", Department of Politics, Philosophy, and Economics, 2013
 - Binny K. Babu, "*Increasing Cyber-crime Rate and the Vulnerability of the Youth in Cochin, Kerala*", Department of ICT and Computer Science, 2013
 - Shivalaxmi Arumugham and Lutfun Nahar: "*Information and Communication Technology (ICT) in Madrasah Education of Bangladesh*", Department of ICT and Computer Science, 2013

SERVICE

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- **University Committees (ASU, SUNY Korea, Carnegie Mellon University-Qatar, Asian University for Women)**
 - **Justice Equity, Diversity, and Inclusion (JEDI):** Founding member, based in the College of Global Futures (CGF) and Global Futures Laboratory (GFL). Joined this group to introduce ideas, initiatives, and strategies to advance justice, equity, diversity, and inclusion principles and practices across CGF and GFL.
 - **Annual Review Committee:** In SFIS, peer-evaluated the yearly performance of the ASU faculty members.
 - **Curriculum Development:** Developed curriculum for the Department Technology and Society, SUNY Korea, and the Department of Information System, Carnegie Mellon, Qatar
 - **Graduate Research & Service:** Monitored and Evaluated the research and overall performance of Ph.D. and Masters students of the Department Technology and Society, SUNY Korea
 - **Faculty Hiring:** Worked in the hiring process of SFIS (ASU), SUNY Korea and AUW faculties and staff
 - **Service Learning:** *Founding member*; Developed the framework of integrating community service with AUW students' learning
 - **Academic Actions:** Developed recommendations on Academic Probation, Misconduct, and Support Mechanisms for AUW students
 - **Institutional Review Board (IRB):** Founding member; Developed AUW's framework for ethical practices in academic research
 - **Fine Arts and Development Studies:** Designed new academic majors with academics from different disciplines in AUW
- **Reviewer of Journals:** Information Technology and International Development, Journal of Information Policy, Electronic Journal of Information Systems in Developing Countries (EJISDC), International Journal of Information, Diversity, & Inclusion (IJIDI), IEEE Consumer Electronics Magazine.

RECOGNITION and AWARDS

- Recipient of the inaugural **Study Abroad Professional Development Grant** for designing an interdisciplinary study abroad program in South Asia, *Tigers & Humans Sharing the Earth: Innovations in Confronting Global Development Challenges in Bangladesh* (US\$ 1,500)
- Recipient of “**ICT and Pedagogical Development Training Scholarship, 2013-14**”, awarded by Swedish Development Cooperation Agency (July, 2013)
- **Runner Up, Best Paper Competition**, Sixth Communication Policy Research (CPR) South Conference by LIRNEasia and Chulalongkorn University, “Telecom Regulatory Environment in “Digital Bangladesh”: Exploring the Reasons behind Poor Sector specific Performance”, Bangkok, Thailand (December, 2011)
- Recipient of European Union’s “**Erasmus Mundus, Mobility for Life Scholarship’2010**”, on faculty exchange program for ICT Curriculum Development and Project Based Learning (PBL), Aalborg University, Denmark (May, 2010)
- Recipient of the **MacArthur Foundation Support** for completion of Ph.D. education and research (July, 2004 – July, 2008)

JOURNALISM and MEDIA

Program Developer and TV Presenter	Kenakata, E-Commerce based program in ETV (private Satellite TV Channel), Bangladesh	2002 – 2003
Journalist	Informed viewers about emerging e-commerce websites of Bangladesh	
	Shaptahik 2000 (national weekly magazine) and The Daily Ittefaq (national daily newspaper) in Bangladesh	1999 – 2003
	<ul style="list-style-type: none">• Lead reporter for several cover stories: E-Governance, ICT Industry, Prospects of Alternative Energy, Education and Telecommunications<ul style="list-style-type: none">○ Received Contributor of the Year Award in 2000• Organized numerous seminars on VoIP and the ICT Industry in Bangladesh	

PRESS and ELECTRONIC MEDIA

2020

TV Interview/

1. Interview on using Digital Technologies for Education during COVID-19 and nationwide shutdowns at Ekattor TV, a leading Asian Satellite TV Channel (April 21, 2020)

Press Coverage

1. Eva Frederick, *What happens to our online lives after we die?* **Science Magazine**, Feb. 16, 2020. Retrieved from: <https://www.sciencemag.org/news/2020/02/what-happens-our-online-lives-after-we-die>
2. Joe Caspermeyer, *ASU researchers shine at world's largest science meeting*, **ASU Now: Access, Excellence, Impact**, February 19, 2020. Retrieved from: <https://asunow.asu.edu/20200219-global-engagement-asu-researchers-shine-aaas-science-meeting>
3. Clive Cookson, *Technology creates new ways to live on after we die*, **Financial Times**, February 17, 2020. Retrieved from: <https://www.ft.com/content/e21d86fc-5126-11ea-8841-482eed0038b1>
4. Derek Beres, *What happens to your social media when you die?: Do you want Facebook or Google to control your legacy?* **Big Think**, February 19, 2020. Retrieved from: <https://bigthink.com/technology-innovation/digital-afterlife>
5. Mariella Bussolati, *Nel 2100 ci saranno 5 miliardi di morti su Facebook. E nasce l'industria dell'afterlife digitale, ma per ora è un far west*, **Business Insider Italia**, March 1, 2020. Retrieved from: <https://it.businessinsider.com/nel-2100-ci-saranno-5-miliardi-di-morti-su-facebook-e-nasce-lindustria-dellafterlife-digitale-ma-per-ora-e-un-far-west/>
6. Arizona State University, *Death in the 21st century: Our digital afterlife*, **Tech Xplore**, February 17, 2020. Retrieved from: <https://techxplore.com/news/2020-02-death-21st-century-digital-afterlife.html>
7. Tom Bawden, *People at risk of having genetic and online data misused after death, experts warn 'Privacy for the deceased hasn't been addressed properly'* Dr Faheem Hussain told a science conference this week, **I News**, February 18, 2020. Retrieved from: <https://inews.co.uk/news/science/people-risk-genetic-data-misuse-after-death-online-science-1783328>
8. Kathleen Raschke-Maas, *Wer kriegt unseren digitalen Nachlass?* **Mitteldeutscher Rundfunk**, February 26, 2020. Retrieved from: <https://www.mdr.de/wissen/digitaler-nachlass-forschung-100.html>
9. Jan Cortes, *What Happens To Our Online Lives After We Die In Real Life?* **Medical Daily**, February 18, 2020. Retrieved from: <https://www.medicaldaily.com/what-happens-online-lives-after-die-real-life-449553>

PRESS and ELECTRONIC MEDIA

(Cont.)

10. Chia-Yi Hou. *Data Thieves Are Targeting Dead People's Social Media Accounts Identity theft is a problem in the afterlife*. **OneZero, Medium**. April 2, 2020. Retrieved from: <https://onezero.medium.com/data-thieves-are-targeting-dead-peoples-social-media-accounts-bbff6a747ae5>
11. Sarah Alcantar. *Data of the dead*. **State Press**. April 15, 2020. Retrieved from: <https://www.statepress.com/article/2020/04/spmagazine-data-of-the-dead>
12. Umberto Bacchi. *Data of the dead: Virtual immortality exposes holes in privacy laws*. **Reuters**. April 16, 2020. Retrieved from: <https://www.reuters.com/article/us-global-tech-privacy-trfn/data-of-the-dead-virtual-immortality-exposes-holes-in-privacy-laws-idUSKBN21Z0NF>

2013

TV Interviews

1. Interview on **Digital Etiquette** at “Young Nite”, ATN Bangla, a leading Asian Satellite TV Channel (October, 2013)
 - b. *Presented key issues related to user etiquette in social media and other major communication platforms*
2. Interview on **Internet Privacy and Net Freedom** at “Young Nite”, ATN Bangla, a leading Asian Satellite TV Channel (September, 2013)
 - a. *Shared research findings on Internet freedom, youths' perception of privacy, and online vulnerability*