

SUBHAYAN MUKERJEE

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EDUCATION	Ph.D. Communication 2020 (expected) University of Pennsylvania, Philadelphia, PA <i>Advisor:</i> Dr. Sandra González-Bailón <i>Dissertation:</i> News Reading Publics and Audience Fragmentation in a Multi-lingual Political Context: Evidence from Online India (2014-2018)
	M.A. Communication 2017 University of Pennsylvania, Philadelphia, PA
	M.Sc. (Honours) Mathematics 2014 BITS-Pilani, Pilani, Rajasthan, India
	B.E. (Honours) Computer Science 2014 BITS-Pilani, Pilani, Rajasthan, India
PEER- REVIEWED PUBLICATIONS	Mukerjee, S. & González-Bailón, S., (2019) Social Media Data: Quantitative Analysis. In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), <i>SAGE Research Methods Foundations</i>
	Mukerjee, S. , Majó-Vázquez, S., & González-Bailón, S. (2018). Networks of audience overlap in the consumption of digital news. <i>Journal of Communication</i> , 68(1), 26-50.
	Mukerjee, S. (2016). Net neutrality, Facebook, and India's battle to #SaveTheInternet. <i>Communication and the Public</i> , 1(3), 356-361.
	Mukerjee, S. & Yang, T. (<i>revise & resubmit</i>) Choosing to Avoid? A Conjoint Experimental Study to Understand Selective Exposure and Avoidance on Facebook.
	Mukerjee, S. , Jaidka, L., & Lelkes, Y. (<i>under review</i>) The Ideological Landscape of Twitter Elites in America.
OTHER PUBLICATIONS	Majó-Vázquez, S., Mukerjee, S. , Ahmed Neyazi T., & Nielsen, R. K. (2019) Online Audience Engagement with Legacy and Digital-Born News Media in the 2019 Indian Elections. <i>Reuters Institute for the Study of Journalism Factsheet</i> .
	Mukerjee, S. & Majó-Vázquez, S. (2019) During the Indian election, news audiences consumed a wide and diverse range of sources. Published in the <i>Nieman Lab blog</i> . https://www.niemanlab.org/2019/06/during-the-indian-election-news-audiences-consumed-a-wide-and-diverse-range-of-sources/
	Mukerjee, S. (2012, June) An Open World. <i>Linux For You</i> (print magazine) 10(4) pp. 24-26

WORKING PAPERS	Mukerjee, S. , Yang, T., & González-Bailón, S. What Counts as a Weak Tie? A Comparison of Thresholding Techniques for Weighted Audience Networks (link)
	Mukerjee, S. News Reading Publics in a Multi-lingual Political Context: Evidence from Online India (link)
CONFERENCE PAPERS	International Communication Association (ICA) Conference 2017, 2018, 2019, 2020*
	International Conference on Computational Social Science (IC ² S ²) 2016, 2018, 2019*
	Political Networks (PolNet) 2018, 2019*
	Annual Conference of the Midwest Political Science Association (MPSA) 2020 * multiple presentations
WORKS IN PROGRESS	Mukerjee, S. , Jaidka, L., & Lelkes, Yphtach. Echo-Chambers and Affective Polarization: A Twitter field experiment
	Mukerjee, S. , Yang, J., Kang, D., & Okada, T. Networks of Partisan Social Influence: An Experimental Study of Political Polarization and Participation
WORK EXPERIENCE	Research Fellow Aug 2015 – present University of Pennsylvania , Philadelphia, PA Member of the Digital Media, Networks and Political Communication research group. Member of the Democracy and Information research group.
	Research Assistant May 2019 – Jun 2019 University of Oxford , Oxford, UK Part of a formal collaboration with the Reuters Institute for the Study of Journalism at the University of Oxford on the use of social media during the 2019 Indian election.
	Summer Intern Jun 2016 – Aug 2016 Harvard University , Cambridge, MA Worked with the Digital Finance Initiative project at the Berkman Klein Center and helped develop an index of open-ness for financial firms and platforms. Also curated and assembled all Suspicious Activity Reports (SARs) of the FINCEN and put them in a public accessible repository.
	Data Scientist Jun 2014 – Jul 2015 Abzooba Inc. , Kolkata, India Machine Learning engineer, responsible for conceptualizing, building, and deploying predictive analytics solutions for clients in the US health insurance domain.
	Software Engineering Intern Jun 2013 – Jun 2014 Bravo Lucy As. , Hyderabad, India Developed the server-side of a predictive analytics product for global retail chains.
	Summer Intern Jun 2012 – Jul 2012 Ericsson Global Services , Kolkata, India Designed and implemented a platform for the company's internal training needs.

TEACHING EXPERIENCE	University of Pennsylvania , Philadelphia, PA	
	Understanding Social Networks (TA and Lab Assistant) Media Industries and Society (TA)	Spring 2017 Spring 2018
AWARDS AND FELLOWSHIPS	Seed Research Funding Summer Institute of Computational Social Science (SICSS) – Chicago (2019-20)	
	Student Grant for Research Graduate and Professional Student Assembly, University of Pennsylvania (2019)	
	Dissertation Research Fellowship Annenberg School for Communication, University of Pennsylvania (2019-)	
	Dean’s Summer Fellowship Annenberg School for Communication, University of Pennsylvania (2015-2019)	
	Travel Scholarship National Science Foundation (2018-2019)	
	Travel Scholarship Northwestern University (2018)	
INVITED LECTURES	Doctoral Fellowship University of Pennsylvania (2015-2020)	
	Computational Communication Research Seminar (accepted) University of Wisconsin-Madison, Madison WI	Mar 2020
	Digital Propaganda and Public Opinion Lecture (accepted) National University of Singapore, Singapore	Mar 2020
	Microsoft Research Seminar Microsoft Research, New York City NY	Jan 2020
	Social Media and Political Participation Lab New York University, New York City NY	Jan 2020
	Media Analytics Lecture Praxis Business School, India.	Dec 2018
	Research Methods for a Fragmented Media Environment University of Pennsylvania, Philadelphia PA	Mar 2018
	The Communication Research Experience University of Pennsylvania, Philadelphia PA	Nov 2017
RELEVANT COURSEWORK	University of Pennsylvania <i>Theory:</i> Digital News and the Consumption of Information Online; Decoding the Social World; Social and Political Epistemology; Social Psychology of Communication; Public Opinion and Media, Privacy, Surveillance, and Media; Advertising and the Digital Age;	
	<i>Methods:</i> Introduction to Regression and Analysis of Variance; Introduction to Non-parametric Methods and Log-Linear Models; Communication Research Methods; Data Visualization for Research; Computational Social Science; Introduction to Network Analysis; Research Methods for a Fragmented Media Environment	

	BITS-Pilani Machine Learning; Data Mining; Calculus; Linear Algebra; Operations Research; Probability and Statistics; Optimization; Data Structures and Algorithms	
ADDITIONAL TRAINING	Summer Institute in Computational Social Science <i>Northwestern University</i>	Jun 2019
	Network Dynamics of Social Behavior Online course on Coursera offered by <i>University of Pennsylvania</i>	Apr 2018
	Mediterranean School of Complex Networks <i>Universitat Rovira i Virgili, Italy</i>	Sep 2017
	Annenberg Summer Institute in Methods & Statistics <i>University of Southern California</i> Scale Construction Critical Studies of Networked Infrastructure	Jun 2017
PROFESSIONAL SERVICE	Manuscript Reviewer for <i>Digital Journalism</i>	Ad-hoc
	Manuscript Reviewer for <i>PLOS One</i>	Ad-hoc
	Manuscript Reviewer Computational Methods Division, <i>International Communication Association</i>	2016-19
	Manuscript Reviewer Political Communication Division, <i>International Communication Association</i>	2016-19
	Organizing Member, Chicagoland Computational Social Science Happy Hours	2019
	Coordinator, DiMeNet research group, University of Pennsylvania	2016-18
	Committee Member, Annenberg Graduate Student Symposium Committee	2017-18
	Google Student Ambassador, Campus liaison at BITS Pilani	2012-13
	Coordinator, Computer Science Association, BITS Pilani	2011-12
	Executive Committee Member, Bengali Association, BITS Pilani	2010-11
	Member, English Press Club, BITS Pilani	2009-2013
	Editorial team member, BITS Pilani annual English magazine	2009-13
SKILLSET	Quantitative Methods: Network analysis, statistical modeling, machine learning, experimental design, agent-based modeling, causal inference	
	Programming/Scripting: R (incl. plyr/tidyverse, ggplot), Python (incl. pandas, numpy, scikit-learn, plotly), SQL, Java, C++, C, L ^A T _E X, Git, JavaScript (basic).	

REFERENCES

Dr. Sandra González-Bailón

Associate Professor

Annenberg School for Communication, University of Pennsylvania

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Dr. Yphtach Lelkes

Assistant Professor of Communication

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