

Daniel L. Muise

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PH.D. CANDIDATE, COMMUNICATION, STANFORD UNIVERSITY

EDUCATION	Stanford University <i>Ph.D.</i> , Communication Science Advisers Jennifer Pan & Byron Reeves	2021
	Stanford University <i>M.A.</i> , Communication – <i>Summa Cum Laude</i>	2019
	University of Massachusetts <i>B.A.</i> , Political Science – <i>Summa Cum Laude</i>	2016
	University of Massachusetts <i>B.A.</i> , Economics – <i>Summa Cum Laude</i>	2016

PUBLICATIONS	Screenomics: A Framework to Capture and Analyze Personal Life Experiences and the Ways that Technology Shapes Them. (with B. Reeves, N. Ram, T.N. Robinson, J. J. Cummings, L. Giles, J. Pan, A. Chiatti, MJ Cho, K. Roehrick, X. Yang, A. Gagneja, M. Brinberg, Y. Lu, M. Luo, A. Fitzgerald L. Yeykelis). <i>Human-Computer Interaction</i> , 2019. Vol 1, No. 52.
	Online Experiments for Communication Research in Asia. (with Jennifer Pan) <i>Asian Journal of Communication</i> , 2019. Vol. 1, No. 18.
	More Talk, Less Need for Monitoring: Communication and Deterrence in a Public Goods Game. (with David Kingsley) <i>Journal of Experimental Political Science</i> , 2017. Vol. 1, No. 19.
	Differential Privacy in Descriptive Statistics: a Guidebook for Social Scientists. (with Kobliner Nissim and Georgios Kellaris) Technical Report @ the <i>Privacy Tools for Sharing Research Data Project</i> . Harvard U. 2016.

WORKING PAPERS	Social Media and the Hostility of Political Content: an Online Field Experiment (with Jennifer Pan and Byron Reeves)
	Smartphone Usage in China, Myanmar, and the U.S.: Contrasts and Commonalities (with Yingdan Lu, Jennifer Pan, and Byron Reeves)
	Facebook Adoption by Political Parties in Myanmar (with Jennifer Pan)
	Preference for Fact-Frame Content across Demographics (with Mujung Cho)

SOFTWARE	CDF.PSIdkick: Public R Package for Evaluating, Visualizing and Comparing Algorithms for Creating Differentially Private Cumulative Distribution Functions and Probability Densities. (with Kobliner Nissim and Georgios Kellaris) <i>Archived on CRAN</i> . 2016.
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FELLOWSHIPS, GRANTS, & AWARDS	Fellowship	Stanford Data Science Initiative - SDSS	2018
	Member	Statisticians Without Borders	2018
	Grant	Stanford University Freeman Spogli Institute award	2018
	Grant	Stanford University <i>EDGE</i> research grant	2018
	Grant	Stanford University Abassi Program research grant for fieldwork in SE Asia	2018
	Grant	Facebook PAC Award: Politics Online in Myanmar (w/ Jennifer Pan)	2017
	Member	Stanford Screenomics Laboratory	2017
	Award	Research Assistantship: Stanford Cyber Initiative support	2017
	Award	Research Assistantship: Knight Foundation support for News in Screenshots	2017
	Fellowship	Enhancing Diversity in Graduate Education	2016
	Award	National Science Foundation REU Fellowship Recipient, Harvard University	2015
	Fellowship	Undergraduate Honors Research (×3)	2014
	Scholarship	University of Massachusetts Full Undergraduate Scholarship	2012

PRESENTATIONS	International Communication Association: 2018
	Computation + Journalism Symposium: 2017.

OTHER RESEARCH EXPERIENCE	Smartphone-Data Field Research in Myanmar	2017
	<i>Screenomics Lab</i>	
	Led a local team, recruited participants, interviewed, & collected phone log data	
	Algorithm Testing and & UX Design	2015-2016
	<i>Harvard University School of Engineering & Applied Science, & IQSS</i>	
	Designed & conducted empirical tests of privacy protection systems	
Survey Development, Implementation, & Analysis	2014	
<i>Myanmar Human Capital Solutions</i>		
Created and administered surveys to learn about the local labor market		
Undergraduate Research Assistant: Comparative Politics	2013-2014	
<i>University of Massachusetts, Lowell, Political Science</i>		
Conducted literature review on Burmese political and economic history, incorporated into <i>Everyday Economic Survival in Myanmar</i> by Ardeth Thawngmung		
Undergraduate Research Assistant: Economics	2014	
<i>University of Massachusetts, Lowell, Economics</i>		
Analyzed formal theory with empirical tests of migration-related US wage depression		

TEACHING EXPERIENCE & OTHER	Stanford University: Communication Research Methods (COMM 206)	2019
	<i>Assistant to Prof. Jennifer Pan</i>	
	Stanford University: Censorship and Propaganda (COMM 258)	2018
	<i>Assistant to Prof. Jennifer Pan</i>	
	Enlightened Myanmar Research: Accelerated Stata Course	2016
<i>Assistant to Prof. Jenifer Whitten-Woodring</i>		
Yangon, Myanmar: Radio Host & Live Performer	2015	
<i>87.9 Mandalay F.M.: Programmed and hosted; performed music live on-air.</i>		

LANGUAGES &
SKILLS

- **Data & Programming:** R, Stata, Python, SQL, gcloud, LaTeX, HTML, zTree
 - **Languages:** English (native), Chinese (proficient), Burmese (basic), French (basic)
 - **Keywords:** Computational Social Science, news exposure, causal inference, experiment design, statistics, data privacy, classic ML, content analysis, sentiment analysis, comparative politics, experimental economics, Screenomics, Southeast Asia, Myanmar
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REFERENCES

- **Prof. Jennifer Pan**
Stanford University; Communication (CSS); PhD Adviser
jp1@stanford.edu
 - **Prof. Ardeth Thawngmung**
U.Massachusetts; Political Science & Burma Studies; Research Mentor
ardeth.thawngmung@gmail.com
 - **Prof. Kobbi Nissim**
Georgetown University; Theoretical Computer Science; Research Mentor
kobbini@hotmail.com
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