

# Matthew D. Sweitzer, M.A.

Ph.D. Candidate

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## Education

- 2015 – 2021 (anticipated) Ohio State University - Columbus  
*Ph.D., Communication*  
Dissertation:  
“Selection homophily in dynamic political communication networks:  
An interpersonal perspective.”  
Committee:  
Dr. Robert Bond (Chair, School of Communication)  
Dr. Skyler Cranmer (Political Science)  
Dr. William Eveland, Jr. (School of Communication)  
Dr. Hillary Shulman (School of Communication)
- 2015 – 2019 Ohio State University - Columbus  
*M.A., Communication*
- 2008 – 2012 University of Missouri - Columbia  
*B.A., Communication, with honors*

## Professional Experience

- Postdoctoral Appointee* – Machine Intelligence Group July 31, 2021 – *ongoing*  
Sandia National Laboratories
- Graduate Technical Intern* – Machine Intelligence Group May 6, 2019 – July 31, 2021  
Sandia National Laboratories

## Peer-Reviewed Publications

- Bond, R. M., & **Sweitzer, M. D.** (*in press*). Political homophily in a large-scale online communication network. *Communication Research*. doi:10.1177/0093650218813655
- Coronel, J. C., Bullock, O. M., Shulman, H. C., **Sweitzer, M. D.**, Bond, R. M., & Poulsen, S. (*in press*). Eye movements predict large-scale voting decisions. *Psychological Science*. doi:10.1177/0956797621991142
- Coronel, J. C., Ott, J., Hubner, A., **Sweitzer, M. D.**, & Lerner, S. (*in press*). How are competitive framing environments transformed by person-to-person communication? An integrated social transmission, content analysis, and eye movement monitoring approach. *Communication Research*. doi:10.1177/0093650220903596
- Hubner, A., McKnight, J. M., **Sweitzer, M. D.**, & Bond, R. M. (2021). Down to a r/science: Integrating computational approaches to the study of credibility on Reddit. *Computational Communication Research*, 3(1), 91-115. doi:10.5117/CCR2021.1.004.HUBN
- Coronel, J. C., Poulsen, S., & **Sweitzer, M. D.** (2020). Investigating the generation and spread of numerical misinformation: A combined eye movement monitoring and social transmission approach. *Human Communication Research*, 46(1), 25-54. doi:10.1093/hcr/hqz012
- Holt, L. F., & **Sweitzer, M. D.** (2020). More than a black and white issue: Ethnic identity, social dominance orientation, and support for the Black Lives Matter movement. *Self and Identity*, 19(1), 16-31. doi:10.1080/15298868.2018.1524788
- Melamed, D., Simpson, B., Harrell, A., Munn, C. W., Abernathy, J., & **Sweitzer, M. D.** (2020). Homophily and segregation in cooperative networks. *American Journal of Sociology*, 125(4), 1084-1127. doi:10.1086/708142
- Sweitzer, M. D.**, & Shulman, H. C. (2018). The effects of metacognition in survey research: Experimental, cross-sectional, and content-analytic evidence. *Public Opinion Quarterly*, 82(4), 745-768. doi:10.1093/poq/nfy034

- Coronel, J. C., & **Sweitzer, M. D.** (2018). Remembering political messages in dynamic information environments: Insights from eye movements. *Human Communication Research*, 44(4), 374-398. doi:10.1093/hcr/hqy006
- Shulman, H. C., & **Sweitzer, M. D.** (2018). Advancing framing theory: Designing an equivalency frame to improve political information processing. *Human Communication Research*, 44(2), 155-175. doi:10.1093/hcr/hqx006
- Shulman, H. C., & **Sweitzer, M. D.** (2018). Varying metacognition through public opinion questions: How language can affect political engagement. *Journal of Language and Social Psychology*, 37(2), 224-237. doi:10.1177/0261927X17707557

## Honors and Awards

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| <i>Walter Lippmann Best Article of the Year Award</i><br>for “Investigating the generation and spread of numerical misinformation”<br>American Political Science Association – Political Communication Section | 2021        |
| <i>Best Paper Award</i> for “More than a black and white issue”<br>The International Society for Self and Identity   | 2020        |
| <i>Doris Gildea Morgan Scholarship Award</i> (senior researcher award)<br>The Ohio State University School of Communication  | 2019        |
| <i>Top Paper Award</i> for “Investigating how person-to-person communication transforms frames”<br>National Communication Association – Political Communication Division                                       | 2019        |
| <i>Walter B. Emery Memorial Scholarship Award</i> (junior researcher award)<br>The Ohio State University School of Communication   | 2018        |
| <i>Top Paper Award</i> for “Eye movements as measures of memory in communication research”<br>International Communication Association – Communication, Science, & Biology Division                             | 2017        |
| <i>Travel Award</i><br>International Communication Association – Communication, Science, & Biology Division  | 2017        |
| <i>Graduate Fellowship Award</i><br>Political Networks Conference  | 2017        |
| <i>Honors Society Member</i><br>Lambda Pi Eta National Communication Honors Society, Chi Beta chapter  | 2011–       |
| <i>Edward and Ellen Kniep Memorial Scholarship</i><br>University of Missouri   | 2008 – 2012 |
| <i>John and Virginia Sutherland Scholarship</i><br>University of Missouri  | 2008 – 2012 |

## Additional Training

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| <i>Complex Systems Summer School</i><br>Santa Fe Institute  | June 10 – July 6, 2018 |
| <i>Workshops on social network analysis</i><br>Political Networks Conference  | June 14 – 15, 2017     |
| <i>Workshops on structural equation modeling</i><br>Statistical Horizons and The Ohio State University, School of Communication | August 8 – 9, 2016     |
| <i>Graduate teaching workshops</i><br>The Ohio State University, University Center for the Advancement of Teaching              | August 15 – 17, 2015   |

## Academic Appointments

The Ohio State University

## Graduate Research Associate

Dr. Robert Bond

Dr. David DeAndrea

Dr. Lanier Holt

Dr. Jason Coronel

Fall 2016 – Summer 2017, Spring 2020

Fall 2019

Fall 2017 – Spring 2018

Summer 2016, Summer 2018

## Teaching

*Social Media* – Instructor of Record  
no evaluation data

Summer 2021

*Communication Industry Research Methods* – Laboratory Instructor  
Dr. Jason Coronel; Student evaluation: 5.00/5

Spring 2021

*Communication Industry Research Methods* – Laboratory Instructor  
Dr. Jason Coronel; Student evaluation: 4.44/5

Fall 2020

*Communication Industry Research Methods* – Instructor of Record  
Student evaluation: 4.64/5

Summer 2020

*Communication Industry Research Methods* – Laboratory Instructor  
Dr. Olga Kamenchuk; Student evaluation: 4.67/5

Spring 2019

*Communication Industry Research Methods* – Laboratory Instructor  
Dr. Olga Kamenchuk; Student evaluation: 4.05/5

Fall 2018

*Persuasive Communication* – Instructor of Record  
Student evaluation: 4.74/5

Spring 2016

*Crisis Communication* – Teaching Assistant  
Dr. Lanier Holt; no evaluation data

Fall 2015

## Works in Progress

## Revise and Resubmit

Shulman, H. C., **Sweitzer, M. D.**, Bullock, O. M., Coronel, J. C., Poulsen, S., & Bond, R. M. Explaining how people vote on ballot initiatives with language difficulty and metacognition: Results from two ecological experiments. *Communication Research*.

**Sweitzer, M. D.**, & Bond, R. M. Selectivity in political discussion networks: Reassessing tie choice in dynamic, agent-based models. *Computational Communication Research*.

## Manuscript Under Review

Bayer, J. B., **Sweitzer, M. D.**, Xiang, H., Mohan, S., & Myers, E. Retracing the Path of personal network curation into social media. *Journal of Computer Mediated Communication*.

## Manuscript in Development

**Sweitzer, M. D.**, & Bond, R. M. Selectivity in political discussion networks: Human subjects Breadboard quasi-experiment. *Target: political communication subfield journal*.

**Sweitzer, M. D.**, Kittinger, R., Doyle, C., Naugle, A., Lakkaraju, K., Rothganger, F., & Verzi, S. Communicative vibration: A graph-theoretic approach to group stability in an online social network. *Target: complexity science journal*.

Gunda, T., **Sweitzer, M. D.**, Hornberger, G. M., Gilligan, J., & Witte, A. Water conservation narratives in U.S. newspapers and state law: A content analytic approach to policy agenda setting. *Target: general science journal*.

Holt, L. F., & **Sweitzer, M. D.** Activating double standards: Examining how stereotypes about gender and race influence audiences' perceptions of women and African Americans profiled in news stories. *Target: psychology journal*.

## Published Proceedings

Doyle, C., Naugle, A., Bernard, M., Lakkaraju, K., Kittinger, R., **Sweitzer, M. D.**, & Rothganger, F. (2020). Group formation theory at multiple scales. In R. Thomson, H. Bisgin, C. Dancy, A. Hyder, & M. Hussain (Eds.), *Social, Cultural, and Behavioral Modeling, SBP-BRiMS 2020* (pp. 171-181). Springer. doi:10.1007/978-3-030-61255-9\_17

- Berkemer, S. J., Cheong, S. L., Edgerton, J., Kogan, M., Laishram, R., Pacheco, A. R., Shannon, A., **Sweitzer, M. D.**, & Wang, X. (2019). A study on public transport mobility flows in Singapore. In *2018 Complex Systems Summer School Proceedings*, (pp. 22). Santa Fe, NM: Santa Fe Institute. Retrieved from [https://wiki.santafe.edu/images/9/9d/Proceedings\\_2018\\_v2.pdf](https://wiki.santafe.edu/images/9/9d/Proceedings_2018_v2.pdf)
- Gunda, T., **Sweitzer, M. D.**, Comer, K. T., Finn, C., Murillo-Sandoval, S., & Huff, J. (2019). Evolution of water narratives in local U.S. newspapers: A case study of Utah and Georgia. In *2018 Complex Systems Summer School Proceedings*, (pp. 9). Santa Fe, NM: Santa Fe Institute. Retrieved from [https://wiki.santafe.edu/images/9/9d/Proceedings\\_2018\\_v2.pdf](https://wiki.santafe.edu/images/9/9d/Proceedings_2018_v2.pdf)

## Conference Presentations

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| National Communication Association (NCA) Annual Convention<br><i>Retracing the Path of personal network curation into social media</i><br>Bayer, J. B., <b>Sweitzer, M. D.</b> , Xiang, H., Mohan, S., & Myers, E.   | 2020 |
| International Conference on Social Computing, Behavioral-Cultural Modeling, & Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS)<br><i>Group formation theory at multiple scales</i><br>Doyle, C., Naugle, A., Bernard, M., Lakkaraju, K., Kittinger, R., <b>Sweitzer, M. D.</b> , & Rothganger, F.   | 2020 |
| International Conference on Complex Systems (ICCS)<br><i>Communicative vibration: A graph-theoretic approach to group stability in an online social network</i><br><b>Sweitzer, M. D.</b> , Kittinger, R., Doyle, C., Naugle, A., Lakkaraju, K., Rothganger, F., & Verzi, S.   | 2020 |
| Association for Education in Journalism and Mass Communication (AEJMC) Annual Conference<br><i>Transforming science information via person-to-person communication: Insights from experimental transmission chains and eye movements</i><br>Hubner, A., Coronel, J. C., Ott, J., <b>Sweitzer, M. D.</b> , & Lerner, S.   | 2020 |
| International Communication Association (ICA) Annual Convention<br><i>Explaining how people vote on ballot initiatives with language difficulty and metacognition: Results from two ecological experiments</i><br>Shulman, H. C., <b>Sweitzer, M. D.</b> , Bullock, O. M., Coronel, J. C., Bond, R. M., & Poulsen, S.<br><br><i>Examining how stereotypes cue double-standards for Blacks and women in news</i><br>Holt, L. F., & <b>Sweitzer, M. D.</b><br><br><i>Thinking reflectively or intuitively: How cognitive reflection moderates the effect of language complexity on abstention</i><br>Poulsen, S., Coronel, J. C., <b>Sweitzer, M. D.</b> , Bullock, O. M., Shulman, H. C., & Bond, R. M. | 2020 |
| National Communication Association (NCA) Annual Convention<br><i>Choice homophily in political discussion networks: Evidence from formal dynamic models of the selectivity function</i><br><b>Sweitzer, M. D.</b><br><br><i>Investigating how person-to-person communication transforms frames: A combined social transmission, content analysis, and eye movement monitoring approach (top paper)</i><br>Coronel, J. C., Ott, J., <b>Sweitzer, M. D.</b> , Hubner, A., & Lerner, S.   | 2019 |
| International Communication Association (ICA) Annual Convention<br><i>Using eye movements to determine when laboratory findings can be generalized to naturalistic settings: Linguistic features of messages and real-world voting behaviors</i><br>Coronel, J. C., Bullock, O., Shulman, H. C., <b>Sweitzer, M. D.</b> , Bond, R. M., & Poulsen, S.   | 2019 |
| American Geophysical Union (AGU) Fall Meeting<br><i>Evolution of water narratives in local U.S. newspapers</i><br>Witte, A., Hornberger, G. M., Gunda, T., Gilligan, J., & <b>Sweitzer, M. D.</b>  | 2018 |
| American Political Science Association (APSA) Annual Meeting<br><i>Political homophily in a large-scale online communication network</i><br>Bond, R. M., & <b>Sweitzer, M. D.</b>  | 2018 |

International Communication Association (ICA) Annual Convention <i>Political homophily in a large-scale online communication network</i> Bond, R. M., & <b>Sweitzer, M. D.</b>	2018
<i>Down to a r/science: Integrating computational approaches to the study of communication on Reddit</i> Bond, R. M., Hubner, A., McKnight, J., & <b>Sweitzer, M. D.</b>	
<i>The generation and spread of numerical misinformation: A combined eye movement and social transmission approach</i> Coronel, J. C., Poulsen, S., & <b>Sweitzer, M. D.</b>	
Association for Education in Journalism and Mass Communication (AEJMC) Annual Conference <i>More than a black and white issue: Racialized identity and support for Black Lives Matter</i> Holt, L. F., & <b>Sweitzer, M. D.</b>	2018
National Communication Association (NCA) Annual Convention <i>Survey of surveys: A content analysis of the language complexity in public opinion polls</i> <b>Sweitzer, M. D.</b> , & Shulman, H. C.	2017
Political Networks (PolNet) Conference <i>Partisan network selection: Theoretical and agent-based models of homophilic political discussion networks</i> <b>Sweitzer, M. D.</b> , & Bond, R. M.	2017
International Communication Association (ICA) Annual Convention <i>Eye movements as measures of memory in communication research (top paper)</i> Coronel, J. C., & <b>Sweitzer, M. D.</b>	2017
National Communication Association (NCA) Annual Convention <i>Advancing framing theory: Using frames to improve public opinion via metacognition</i> Shulman, H. C., & <b>Sweitzer, M. D.</b>	2016
American Political Science Association (APSA) Annual Meeting <i>Television news content predicts political knowledge</i> <b>Sweitzer, M. D.</b> , & Bond, R. M.	2016
<i>Using structural topic models to assess television news content</i> Bond, R. M., & <b>Sweitzer, M. D.</b>	

## Research Grants

<i>Miller Research Award</i> , \$17,288.87 - Ohio State University, School of Communication Principal Investigator: Jason Coronel	2018
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## Service

International Communication Association - Political Communication Division <i>Invited Reviewer</i> (Autumn 2017, 2018, 2019, 2020)	
International Communication Association - Computational Methods Group <i>Invited Reviewer</i> (Autumn 2020)	
National Communication Association - Political Communication Division <i>Invited Reviewer</i> (Spring 2018, 2019, 2020)	
Ohio State University School of Communication <i>Peer Mentor</i> (Autumn 2018–Spring 2019)	
Ohio State University School of Communication - Graduate Student Organization <i>Treasurer</i> (Autumn 2016–Summer 2017)	

## Professional Memberships

International Communication Association (ICA)	Member, 2017 – present
National Communication Association (NCA)	Member, 2016 – present
American Political Science Association (APSA)	Member, 2016 – present

## References

Dr. Robert Bond (advisor)  
School of Communication  
The Ohio State University  
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Dr. William Eveland, Jr. (committee)  
School of Communication  
The Ohio State University  
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Dr. Lanier Holt (teaching)  
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Dr. Hillary Shulman (committee)  
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Dr. Jason Coronel (research)  
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