

# 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, 2020 – *ongoing*  
Sandia National Laboratories
- Graduate Technical Intern* – Machine Intelligence Group May 6, 2019 – July 31, 2021  
Sandia National Laboratories

## Academic Appointments

The Ohio State University

### Teaching

- Social Media* – Instructor of Record Summer 2021  
no evaluation data
- Communication Industry Research Methods* – Laboratory Instructor Spring 2021  
*Dr. Jason Coronel*; Student evaluation: 5.00/5
- Communication Industry Research Methods* – Laboratory Instructor Fall 2020  
*Dr. Jason Coronel*; Student evaluation: 4.44/5
- Communication Industry Research Methods* – Instructor of Record Summer 2020  
Student evaluation: 4.64/5
- Communication Industry Research Methods* – Laboratory Instructor Spring 2019  
*Dr. Olga Kamenchuk*; Student evaluation: 4.67/5
- Communication Industry Research Methods* – Laboratory Instructor Fall 2018  
*Dr. Olga Kamenchuk*; Student evaluation: 4.05/5
- Persuasive Communication* – Instructor of Record Spring 2016  
Student evaluation: 4.74/5
- Crisis Communication* – Teaching Assistant Fall 2015  
*Dr. Lanier Holt*; no evaluation data

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

## 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*.
- 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. (*in press*). Down to a r/science: Integrating computational approaches to the study of credibility on Reddit. *Computational Communication Research*. Pre-print: <https://osf.io/uy85c>
- 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

## 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

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

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> <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>	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. <i>Using structural topic models to assess television news content</i> Bond, R. M., & <b>Sweitzer, M. D.</b>	2016
Research Grants	
<i>Miller Research Award</i> , \$17,288.87 - Ohio State University, School of Communication Principal Investigator: Jason Coronel	2018
Honors and Awards	
<i>Best Paper Award</i> for “More than a black and white issue” The International Society for Self and Identity	2020
<i>Doris Gildea Morgan Scholarship Award</i> (senior researcher award) The Ohio State University School of Communication	2019
<i>Top Paper Award</i> for “Investigating how person-to-person communication transforms frames” National Communication Association – Political Communication Division	2019
<i>Walter B. Emery Memorial Scholarship Award</i> (junior researcher award) The Ohio State University School of Communication	2018
<i>Top Paper Award</i> for “Eye movements as measures of memory in communication research” International Communication Association – Communication, Science, & Biology Division	2017
<i>Travel Award</i> International Communication Association – Communication, Science, & Biology Division	2017
<i>Graduate Fellowship Award</i> Political Networks Conference	2017
<i>Honors Society Member</i> Lambda Pi Eta National Communication Honors Society, Chi Beta chapter	2011–
<i>Edward and Ellen Kniep Memorial Scholarship</i> University of Missouri	2008 – 2012

*John and Virginia Sutherland Scholarship*  
University of Missouri

2008 – 2012

## Service

International Communication Association - Political Communication Division  
*Invited Reviewer* (Autumn 2017, 2018, 2019, 2020)

International Communication Association - Computational Methods Group  
*Invited Reviewer* (Autumn 2020)

National Communication Association - Political Communication Division  
*Invited Reviewer* (Spring 2018, 2019, 2020)

Ohio State University School of Communication  
*Peer Mentor* (Autumn 2018–Spring 2019)

Ohio State University School of Communication - Graduate Student Organization  
*Treasurer* (Autumn 2016–Summer 2017)

## Additional Training

*Complex Systems Summer School* June 10 – July 6, 2018  
Santa Fe Institute

*Workshops on social network analysis* June 14 – 15, 2017  
Political Networks Conference

*Workshops on structural equation modeling* August 8 – 9, 2016  
Statistical Horizons and The Ohio State University, School of Communication

*Graduate teaching workshops* August 15 – 17, 2015  
The Ohio State University, University Center for the Advancement of Teaching

## 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)  
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Dr. Jason Coronel (research)  
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Dr. Lanier Holt (teaching)  
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