

Katherine Ognyanova

Postal address:
School of Communication & Information,
Rutgers University, 4 Huntington Street,
New Brunswick, NJ 08901
Phone: +1 848-932-8833

E-mail: katya@ognyanova.net
Website: www.kateto.net
ORCID: [0000-0003-3038-7077](https://orcid.org/0000-0003-3038-7077)
GitHub: github.com/kateto
Social: [@ognyanova](https://twitter.com/ognyanova)

SUMMARY

Subject expertise: political communication, social technology, trust, misinformation
Methodological expertise: computational social science, network science, survey research
PI: Civic Health & Institutions Project (chip50.org) and Covid States Project (covidstates.org)
Director: Rutgers Computational Social Science Lab (csslab.rutgers.edu)

EMPLOYMENT

<i>School of Communication and Information, Rutgers University</i>	
Associate Professor	2021-Present
Assistant Professor	2015-2021
<i>Lazer Lab, Northeastern University</i>	
<i>Institute for Quantitative Social Science, Harvard University</i>	
Postdoctoral Research Fellow	2013-2015
<i>USC Annenberg School for Communication and Journalism</i>	
Instructor, Graduate Assistant	2008-2013
<i>Economedia Publishing Group, Verlagsgruppe Handelsblatt</i>	
Journalist, Visual Editor	2000-2007

EDUCATION

<i>University of Southern California</i>	
Ph.D. in Communication	2013
<i>University of Southern California</i>	
M.A. in Communication	2010
<i>University of Sofia "St. Kliment Ohridski"</i>	
M.A. in Virtual Culture	2006
<i>University of Sofia "St. Kliment Ohridski"</i>	
B.Sc. in Computer Science	2003

FELLOWSHIPS

Fellow at the FCC with the Consortium on Media Policy Studies	2012
Oxford Internet Institute Summer Doctoral Program, Oxford University	2011
Annenberg Graduate Fellowship, University of Southern California	2007-2012

HONORS & AWARDS

Distinguished Achievement in Research Award Department of Communication, Rutgers University	2023
Rutgers University Andrew Carnegie Fellowship Nominee	2020
Top 4 Papers Award, Mass Communication Division International Communication Association (ICA)	2019
Distinguished Achievement in Teaching Award Department of Communication, Rutgers University	2019
Dissertation Award, Mass Communication & Society Division Association for Education in Journalism & Mass Communication (AEJMC)	2013
Top Paper Award, Political Communication Division National Communication Association (NCA)	2012
First Place Award in Social Science USC GPSS Symposium Research Poster Competition (with Chen, N-T. N., Ball-Rokeach, S. J., & Parks, M.)	2010
IGI Global Excellence in Research Award, IJEP Best Published Journal Article for 2010	2010
Carolyn Dexter Award Nominee, Academy of Management Organizational Communication & Information Systems Division (with Huang, M., Huang, Y., Margolin, D., Shen, C., & Contractor, N.)	2010
USC Annenberg Annual Research and Creative Project Symposium Award	2009-2013
USC Annenberg Graduate Fellowship	2008-2013
Academic Excellence Scholarship, University of Sofia "St. Kliment Ohridski"	1999-2002

PUBLICATIONS

Note: published reports are listed in Appendix A (p.22), conference presentations in Appendix B (p.31).

* Denotes a student collaborator at the time of submission.

REFEREED ARTICLES

Baum, M., Druckman, J., **Ognyanova, K.**, & Schulman, J.* (2024). Misperceptions, depression, and voting for election deniers in the United States. *International Journal of Public Opinion Research*, 36(2), 1–13. doi:10.1093/ijpor/edae024

Ognyanova, K. (2024). Fact-checking: Journalistic strategies and audience outcomes in diverse national contexts. *Journalism & Mass Communication Quarterly*, 101(2), 313–319. doi: 10.1177/10776990241238247

Perlis, R. H., **Ognyanova, K.**, Uslu, A., Lunz Trujillo, K., Santillana, M., Druckman, J., Baum, M., & Lazer, D. (2024). Trust in Physicians and Hospitals During the COVID-19 Pandemic in a 50-State Survey of US Adults. *JAMA Network Open*, 7(7), 1–13. doi:10.1001/jamanetworkopen.2024.24984

- Prevalence and correlates of irritability among U.S. adults (Forthcoming). Perlis, R. H., Uslu, A., Schulman, J., Himelfarb, A., Gunning, F., Solomonov, N., Santillana, M., Baum, M., Druckman, J., **Ognyanova, K.**, & Lazer, D. *Neuropsychopharmacology*.
- Jayant, A., Gunning, F. M., Oberlin, L. E., Santillana, M., Ognyanova, K., Druckman, J., Baum, M., Lazer, D., & Perlis, R. H. (2024). Cognitive symptoms of post-COVID-19 condition and daily functioning. *JAMA Network Open*, 7(2), 1-13. doi:10.1001/jamanetworkopen.2023.56098
- Robertson, R., Green, J., Ruck, D., **Ognyanova, K.**, Wilson, C., & Lazer, D. (2023). Users choose to engage with more partisan news than they are exposed to on Google Search. *Nature*, 618, 342–348. doi: 10.1038/s41586-023-06078-5
- Green, J., Druckman, J., Baum, M., **Ognyanova, K.**, Simonson, M.*, Perlis, R. H., & Lazer, D. (2023). Media use and vaccine resistance. *PNAS Nexus*, 2(5), 1-13. doi: 10.1093/pnasnexus/pgad146
- Perlis, R. H., Lunz Trujillo, K., Green, J., Safarpour, A., Druckman, J. N., Santillana, M., **Ognyanova, K.**, & Lazer, D. (2023). Misinformation, trust, and use of ivermectin and hydroxychloroquine for COVID-19. *JAMA Health Forum*, 4(9). doi: 10.1001/jamahealthforum.2023.3257
- Perlis, R. H., Lunz Trujillo, K., Safarpour, A., Quintana, A.*, Simonson, M.*, Perlis, J.*, Santillana, M., **Ognyanova, K.**, Baum, M., Druckman, J., & Lazer, D. (2023). Community mobility and depressive symptoms during the COVID-19 pandemic in the United States. *JAMA Network Open*, 6(9). doi: 10.1001/jamanetworkopen.2023.34945
- Solomonov, N., Green, J., Quintana, A.*, Lin, J*., **Ognyanova, K.**, Santillana, M., Druckman, J., Baum, M., Lazer, D., Gunning, F. M., & Perlis, R. H. (2023). A 50-state survey study of thoughts of suicide and social isolation among older adults in the United States. *Journal of Affective Disorders*, 334, 43–49. doi:10.1016/j.jad.2023.04.038
- Perlis, R. H., Lunz Trujillo, K., Safarpour, A., Santillana, M., **Ognyanova, K.**, Druckman, J., & Lazer, D. (2023). Association between long COVID symptoms and employment status. *JAMA Network Open*, 6(2), doi:10.1001/jamanetworkopen.2022.56152
- Green, J., Druckman, J., Baum, M., Lazer, D., **Ognyanova, K.**, Simonson, M.*, Lin, J.*, Santillana, M., & Perlis, R. H. (2022). Using general messages to persuade on a politicized scientific issue. *British Journal of Political Science*, 53(2), 698–706. doi: 10.1017/S0007123422000424
- Green, J., Druckman, J. N., Baum, M. A., Lazer, D., **Ognyanova, K.**, & Perlis, R. H. (2022). Depressive symptoms and conspiracy beliefs. *Applied Cognitive Psychology*, 37(2), 332–359. doi: 10.1002/acp.4011
- Shin, J., & **Ognyanova, K.** (2022). Social media metrics in the digital marketplace of attention: Does journalistic capital matter for social media capital? *Digital Journalism*, 10(4), 579–598. doi: 10.1080/21670811.2022.2031242
- Ognyanova, K.** (2022). Contagious politics: Tie strength and the spread of political knowledge. *Communication Research*, 49(1), 116–138. doi: 10.1177/00936502220924179
- Perlis, R. H., Santillana, M., **Ognyanova, K.**, Safarpour, A., Lunz Trujillo, K., Simonson, M.*, Green, J., Quintana, A.*, Druckman, J., Baum, M., & Lazer, D. (2022). Prevalence and correlates of long

- COVID symptoms among US adults. *JAMA Network Open*, 5(10), e2238804. doi: 10.1001/jamanetworkopen.2022.38804
- Perlis, R. H., Simonson, M.*, Green, J., Lin, J.*, Safarpour, A., Lunz Trujillo, K., Quintana, A.*, Chwe, H.*, Della Volpe, J., **Ognyanova, K.**, Santillana, M., Druckman, J., Lazer, D., & Baum, M. (2022). Prevalence of firearm ownership among individuals with major depressive symptoms. *JAMA Network Open*, 5(3). doi: 10.1001/jamanetworkopen.2022.3245
- Perlis, R., **Ognyanova, K.**, Santillana, M., Lin, J.*, Druckman, J., Lazer, D., Green, J., Simonson, M.*, Baum, M., & Della Volpe, J. (2022). Association of major depressive symptoms with endorsement of COVID-19 vaccine misinformation among US adults. *JAMA Network Open*, 5(1). doi: 10.1001/jamanetworkopen.2021.45697
- Lazer, D., Hargittai, E., Freelon, D., Gonzalez-Bailon, S., Munger, K., **Ognyanova, K.**, & Radford, J. (2021). Meaningful measures of human society in the twenty-first century. *Nature*, 595, 189–196. doi: 10.1038/s41586-021-03660-7
- Perlis, R. H., Green, J., Simonson, M.*, **Ognyanova, K.**, Santillana, M., Lin, J.*, Quintana, A.*, Chwe, H.*, Druckman, J., Lazer, D., Baum, M., & Della Volpe, J. (2021). Association Between Social Media Use and self-reported symptoms of depression in US Adults. *JAMA Network Open*, 4(11), 1–6. doi:10.1001/jamanetworkopen.2021.36113
- Perlis, R. H., **Ognyanova, K.**, Quintana, A.*, Green, J., Santillana, M., Lin, J.*, Druckman, J., Lazer, D., Simonson, M.*, Baum, M., & Chwe, H.* (2021). Gender-specificity of resilience in major depressive disorder. *Depression and Anxiety*, 38(10), 1026–1033. doi: 10.1002/da.23203
- Perlis, R. H., Santillana, M., **Ognyanova, K.**, Green, J., Druckman, J., Lazer, D., & Baum, M. (2021). Factors associated with self-reported symptoms of depression among adults with and without a previous COVID-19 diagnosis. *JAMA Network Open*, 4(6), 1–4. doi: 10.1001/jamanetworkopen.2021.16612
- Druckman, J., **Ognyanova, K.**, Baum, M., Lazer, D., Perlis, R., Volpe, J., Santillana, M., Chwe, H.*, Quintana, A.*, & Simonson, M.* (2021). The role of race, religion, and partisanship in misinformation about COVID-19. *Group Processes & Intergroup Relations*, 24(4), 638–657. doi: 10.1177/1368430220985912
- Perlis, R. H., **Ognyanova, K.**, Santillana, M., Baum, M., Lazer, D., Druckman, J., & Della Volpe, J. (2021). Association of acute symptoms of COVID-19 and symptoms of depression in adults. *JAMA Network Open*, 4(3), 1–4. doi: 10.1001/jamanetworkopen.2021.3223
- Katz, V., Jordan, A., & **Ognyanova, K.** (2021). Digital inequality, faculty communication, and remote learning experiences during the COVID-19 pandemic: A survey of U.S. undergraduates. *PLOS ONE*, 16(2), 1–16. doi: 10.1371/journal.pone.0246641.
- Ognyanova, K.**, Lazer, D., Robertson, R.*, & Wilson, C. (2020). Misinformation in action: Fake news exposure is linked to lower trust in media, higher trust in government when your side is in power. *Misinformation Review*, 1(4), 1–19. doi: 10.37016/mr-2020-024
- Minozzi, W., Song, H., Lazer, D., Neblo, M., & **Ognyanova, K.** (2020). The incidental pundit: Who talks politics with whom, and why? *American Journal of Political Science*, 64(1), 135–151. doi: 10.1111/ajps.12469

- Ognyanova, K.** (2019). The social context of media trust: A network influence model. *Journal of Communication*, 69(5), 544–567. doi: 10.1093/joc/jqz031
- Katz, V. S., Moran, M. B., & **Ognyanova, K.** (2019). Contextualizing connectivity: How internet connection type and parental factors influence technology use among lower-income children. *Information, Communication & Society*, 22(3), 313–335. doi: 10.1080/1369118X.2017.1379551
- Liu, W., Chen, N.-T. N., **Ognyanova, K.**, Nah, S., & Ball-Rokeach, S. J. (2018). Connecting with hyperlocal news website: Cause or effect of civic participation? *American Behavioral Scientist*, 62(8), 1022–1041. doi: 10.1177/0002764218764243
- Weber, M., **Ognyanova, K.**, & Kosterich, A.* (2017). Imitation in the quest to survive: Lessons from news media on the early web. *International Journal of Communication*, 11, 1–25.
- Radford, J., Pilny, A., Reichelmann, A.*, Keegan, B., Foucault-Welles, B., **Ognyanova, K.**, Meleis, W., & Lazer, D. (2016). Volunteer Science: An online laboratory for experiments in social psychology. *Social Psychology Quarterly*, 79(4), 376–396. doi: 10.1177/0190272516675866
- Ognyanova, K.**, & Ball-Rokeach, S. J. (2015). Political efficacy on the Internet: A media system dependency approach. *Communication & Information Technologies Annual*, 9, 3–27. doi: 10.1108/S2050-206020150000009001
- Chen, N.-T. N., **Ognyanova, K.**, Zhang, C., Wang, C., Ball-Rokeach, S. J., & Parks, M. (2015). Causing ripples in local power relations. *Journalism Studies*, 18(6), 710–731. doi: 10.1080/1461670X.2015.1078738
- Ognyanova, K.**, & Monge, P. (2013). A multitheoretical, multilevel, multidimensional network model of the media system: Production, content, and audiences. *Annals of the International Communication Association*, 37(1), 66–93. doi: 10.1080/23808985.2013.11679146
- Ognyanova, K.**, Chen, N.-T. N., Ball-Rokeach, S. J., An, Z., Son, M., Parks, M., & Gerson, D. (2013). Online participation in a community context: Civic engagement and connections to local communication resources. *International Journal of Communication*, 7, 2433–2456.
- Broad, G. M., Ball-Rokeach, S. J., **Ognyanova, K.**, Picasso, T., Stokes, B., & Villanueva, G. (2013). Understanding communication ecologies to bridge communication research and community action. *Journal of Applied Communication Research*, 41(3), 325–345. doi: 10.1080/00909882.2013.844848
- Ognyanova, K.** (2010). News ties: A network study of media-level agenda-setting. *Journal of Social Structure*, 11, JoSS Visualization Symposium 2010.
- Ognyanova, K.** (2010). Talking past each other: Academic and media framing of literacy. *Digital Culture & Education*, 2(1), 44–61.
- Ognyanova, K.** (2010). Careful what you say: Media control in Putin’s Russia - Implications for online content. *International Journal of E-Politics*, 1(2), 1–15. doi: 10.4018/jep.2010040101
[IGI Global Excellence in Research Journal Award]

BOOKS

Simonson, M.*, Block, R., Druckman, J., **Ognyanova, K.**, & Lazer, D. (2024). *Black networks matter: The role of interracial contact and social media in the 2020 black lives matter protests*. Cambridge University Press.

BOOK CHAPTERS

Lazer, D., & **Ognyanova, K.** (2024). The future of computational social science. In J. M. Box-Steffensmeier, D. P. Christenson, & V. Sinclair-Chapman (Eds.), *Oxford Handbook of Engaged Methodological Pluralism in Political Science* (pp. 1–22). Oxford University Press.

Ognyanova, K. (2024). The COVID States Project: Empowering a national response. In T. Politano (Ed.), *Reflections on the Pandemic: COVID and Social Crises in the Year Everything Changed* (pp. 1–8). Rutgers University Press.

Ognyanova, K. (2022). Social network analysis. In A. Ceron (Ed.), *Encyclopedia of Technology and Politics* (pp. 126–130). Edward Elgar Publishing.

Ognyanova, K. (2021). Network approaches to misinformation evaluation and correction. In M. Weber & I. Yanovitzky (Eds.), *Networks, Knowledge Brokers, and the Public Policymaking Process* (pp. 351–373). Palgrave Macmillan.

Ognyanova, K. (2018). Rebooting mass communication: Using computational and network tools to rebuild media theory. In B. Foucault-Welles & S. Gonzalez-Bailon (Eds.), *The Oxford handbook of networked communication* (pp. 21–43). Oxford University Press.

Ognyanova, K., & Jung, J.-Y. (2018). Digital connections: Tracing the evolving role of technology in local storytelling networks. In Y.-C. Kim, M. Matsaganis, H. A. Wilkin, & J. Y. Jung (Eds.), *The communication ecology of 21st century urban communities* (pp. 146–164). Peter Lang.

Liu, W., Chen, N.-T. N., & **Ognyanova, K.** (2018). The Alhambra Project: Using communication infrastructure theory to construct and evaluate a community news site. In Y.-C. Kim, M. Matsaganis, H. A. Wilkin, & J. Y. Jung (Eds.), *The communication ecology of 21st century urban communities* (pp. 203–219). Peter Lang.

Ognyanova, K. (2017). Multistep flow of communication: Network effects. In P. Roessler, C. Hoffner, & L. van Zoonen (Eds.), *The international encyclopedia of media effects* (pp. 1–10). Wiley-Blackwell.

Ognyanova, K. (2016). Researching community information needs. In L. A. Friedland & M. Lloyd (Eds.), *The communication crisis in America and how to fix it* (pp. 31–46). Palgrave Macmillan.

Ognyanova, K. (2015). In Putin's Russia, information has you: Media control and Internet censorship in the Russian Federation. In M. Mervio (Ed.), *Management and participation in the public sphere* (pp. 62–79). IGI Global.

Chen, N.-T. N., **Ognyanova, K.**, Zhao, N., Liu, W., Gerson, D., Ball-Rokeach, S. J., & Parks, M. (2013). Communication and socio-demographic forces shaping civic engagement patterns in a multiethnic city. In P. Moy (Ed.), *Communication and community* (pp. 207–232). Hampton Press.

Margolin, D., **Ognyanova, K.**, Huang, M., Huang, Y., & Contractor, N. (2012). Team formation and performance on Nanohub: A network selection challenge in scientific communities. In B. Vedres & M. Scotti (Eds.), *Networks in social policy problems* (pp. 80–100). Cambridge University Press.

Ognyanova, K. (2012). Media control in Putin's Russia - Implications for online content. In C. Livermore (Ed.), *E-Politics and organizational implications of the internet: Power, influence and social change* (pp. 61–76). IGI Global.

Ognyanova, K. (2007). Blog practices: Searching for answers. In *Journalists in theory, journalists in practice* (pp. 157–177). Faculty of Journalism and Mass Communication, Sofia University St. Kliment Ohridski, GorexPress.

BOOK REVIEWS

Ognyanova, K. (2024). Network Analysis: Integrating Social Network Theory, Method, and Application with R. *Journal of Social Structure*, 25(1), 22–24.

INVITED TALKS

Ognyanova, K. (2024). *False beliefs in an uncertain environment: The role of trust, technology, and social ties*. Annenberg Research Seminar, University of Southern California, Los Angeles, CA.

Ognyanova, K. (2024). *The role of networks in evaluating and correcting political information*. Center for Information Networks and Democracy, University of Pennsylvania, Philadelphia, PA.

Ognyanova, K. (2024). *Trust, misperceptions, and the role of digital platforms*. Translational Data Analytics Institute, Ohio State University, Columbus, OH.

Ognyanova, K. (2024). *Computational methods and information networks*. Summer Institute for Computational Social Science (SICSS) at Rutgers University, New Brunswick, NJ.

Ognyanova, K. (2024). *False beliefs in an uncertain environment: the role of trust in science and partisanship*. Misinformation speaker series, Network Science Institute at Northeastern University & Shorenstein Center at Harvard University, Boston, MA.

Ognyanova, K. (2023). *The role of trust and technology in health information consumption and behavior*. Center for Applied Network Analysis, University of Southern California, conducted online.

Ognyanova, K. (2023). *Teams and collaboration during a pandemic*. New Jersey Alliance for Clinical and Translational Science, conducted online.

Ognyanova, K. (2022). *Misinformation and Trust in Institutions*. Summer Institute for Computational Social Science (SICSS) at the University of Pennsylvania, conducted online.

Ognyanova, K. (2022). *COVID-19 Misinformation, public attitudes, and institutional trust*. Invited talk, US Surgeon General Roundtable on COVID-19 misinformation, conducted online.

- Ognyanova, K.** (2022). *Networked public trust and misinformation*. Invited talk, Center for Social Data Analytics, Pennsylvania State University, conducted online.
- Ognyanova, K.** (2021). *Trust in science and medicine: Politics, misinformation, and health attitudes*. Invited talk, Rebuilding Public Trust in Biomedical Science & Research Webinar, National Academy of Medicine, conducted online.
- Ognyanova, K.** (2021). *Online misinformation: Political implications, health outcomes, and pathways to social correction*. Invited talk, Understanding Misinformation and Disinformation Webinar, Tufts University, conducted online.
- Ognyanova, K.** (2021). *Network analysis: Insights for policy and foreign affairs*. Invited talk, German Institute for International and Security Affairs (SWP), conducted online.
- Ognyanova, K.** (2021). Invited panelist, Health Misinformation Roundtable, National Journal, conducted online.
- Ognyanova, K.** (2021). *Network visualization and academic storytelling*. Invited talk, DEVI group, University of Toulouse, France, conducted online,
- Ognyanova, K.** (2021). Invited panelist, *Bridging disciplinary divides for behaviorally modulated mathematical models in human epidemiology*. NSF-sponsored workshop, conducted online,
- Ognyanova, K.** (2021). *Networked information and misinformation about COVID-19*. Invited talk, Moody College of Communication, University of Texas at Austin, conducted online.
- Ognyanova, K.** (2021). *Misinformation, networks, and academic storytelling*. Invited talk, Georgia State University and University of Buffalo, conducted online.
- Ognyanova, K.** (2021). *Information, Communication, and Misinformation*. Invited participant, NSF Predictive Intelligence for Pandemic Prevention (PIPP) Human Workshop, conducted online.
- Ognyanova, K.** (2021). *Network approaches to misinformation evaluation and correction*. Invited talk, Psychology of Media and Technology, Society for Personality and Social Psychology (SPSP) Annual Conference, conducted online.
- Ognyanova, K.** (2021). *COVID-19 Vaccines: Social Groups and Messaging Challenges*. Ongoing and Emerging Challenges Regarding Effective Communication about COVID-19 Vaccination. Invited talk, Rutgers Science Communication Initiative, conducted online.
- Ognyanova, K.** (2020). *Misinformation in times of uncertainty: predictors and consequences*. Invited talk, IQB Communication (Mis)Information Working Group, conducted online.
- Ognyanova, K.** (2019). *Network analysis and visualization*. Invited talk, U.S. Department of Defense, Office of the Inspector General, Washington, DC.
- Ognyanova, K.** (2018). *Network analysis and visualization with R*. Invited talk, SatRdays: An R user conference, Washington, DC.
- Ognyanova, K.** (2017). *Networks and network visualization with R*. Invited talk, Davidson College, Davidson, NC.
- Ognyanova, K.** (2015). *Visualizing communication: Numbers, networks, and the road to open science*. Invited talk, Visualizing Digital Data: Symposium on Digital Culture, Philadelphia, PA.

- Ognyanova, K.** (2013). *Thinking with networks*. Invited talk, Boston Data Day Skill-a-thon, Boston, MA.
- Ognyanova, K.** (2012). *Critical information needs of the American public*. Research Design Meeting for the Multi-Market Study of Critical Information Needs, Federal Communications Commission (FCC), Office of Communications Business Opportunities (OCBO), Washington, DC.
- Friedland, L. A., Napoli, P. M., **Ognyanova, K.**, Weil, C., & Wilson III, E. J. (2012). *Critical information needs of the American public*. Public presentation, discussion, and briefing for the Federal Communications Commission (FCC), Washington, DC.
- Ognyanova, K.**, Gonzalez, C., & Ball-Rokeach, S. J. (2012). *Defining diversity: A communication ecology approach*. Invited talk, Redefining Diversity in a Digital Age Forum, Los Angeles, CA.
- Ognyanova, K.** (2011). *Network data representation and visualization, tools and techniques*. Invited talk, Annenberg Networks Network, Los Angeles, CA.
- Ball-Rokeach, S. J., **Ognyanova, K.**, & Villanueva, G. (2010). *Metamorphosis: Research in action*. Invited talk, Art Center College of Design, Los Angeles, CA.
- Ognyanova, K.**, Shen, C., & O'Brien, N. (2009). *NanoHub: Longitudinal network analysis*. Invited talk, VOSS Meeting, Northwestern University, Evanston, IL.

WORKSHOPS

- Ognyanova, K.** (2024). *Network visualization with R*. Workshop at the INSNA Sunbelt International Network Science Conference, Edinburgh, Scotland.
- Ognyanova, K.** (2024). *Introduction to network analysis*. Workshop at the Political Networks (POLNET) Annual Conference, Tallahassee, FL.
- Ognyanova, K.** (2023). *Network visualization with R*. Workshop at the INSNA Sunbelt International Network Science Conference, conducted online.
- Ognyanova, K.** (2023). *Network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, conducted online.
- Shugars, S. & **Ognyanova, K.** (2023) *Computational Methods*. Workshop at the Organizational Communication Mini Conference (OCMC), Rutgers University, New Brunswick, NJ.
- Ognyanova, K.** (2022). *Network visualization with R*. Workshop at the INSNA Sunbelt International Network Science Conference, conducted online.
- Ognyanova, K.** (2022). *Network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, conducted online.
- Ognyanova, K.** (2021). *Introduction to network analysis*. Three-day workshop at Social ComQuant, GESIS Leibniz Institute for the Social Sciences, conducted online.
- Ognyanova, K.** (2021). *Network analysis and visualization with application to Twitter data*. Three-day workshop at the German Institute for International and Security Affairs (SWP), conducted online.

- Ognyanova, K.** (2021). *Basic and Advanced Network Visualization with R*. Workshop at Networks 2021, a joint Sunbelt and NetSci Conference, conducted online.
- Ognyanova, K.** (2021). *Advanced network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, conducted online.
- Ognyanova, K.** (2020). *Network concepts and network analysis in R*. Workshop at the Summer Institutes in Computational Social Science (SICSS), conducted online.
- Ognyanova, K.** (2019). *Advanced network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, Durham, NC.
- Ognyanova, K.** (2019). *Network visualization with R*. Workshop at the INSNA Sunbelt International Network Science Conference, Montreal, Canada.
- Ognyanova, K.** (2018). *Network visualization with R*. Workshop at the INSNA North American Network Science Conference, Washington, DC.
- Ognyanova, K.** (2018). *Advanced network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, Washington, DC.
- Ognyanova, K.** (2018). *Network analysis with igraph*. Workshop for the Ottawa Graph Meetup Group, Ottawa CA.
- Ognyanova, K.** (2018). *Introduction to R for networks*. Workshop at the School for Communication and Information, Rutgers University, New Brunswick, NJ.
- Ognyanova, K.** (2017). *Advanced network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, Columbus, OH.
- Ognyanova, K.** (2017). *Basic and advanced network visualization with R*. Workshop at the INSNA North American Network Science Conference, Washington, DC.
- Ognyanova, K.** (2016). *Network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, St. Louis, MO.
- Ognyanova, K.** (2016). *Basic and advanced network visualization with R*. Workshop at the INSNA Sunbelt International Network Science Conference, Newport Beach, CA.
- Ognyanova, K., Chu, K-H.** (2016). *Basic and advanced network visualization with Gephi*. Workshop at the INSNA Sunbelt International Network Science Conference, Newport Beach, CA.
- Radford, J., **Ognyanova, K.** (2016). *Designing online experiments: Citizen science approaches to research*. Workshop at the ACM Conference on Computer Supported Cooperative Work (CSCW), San Francisco, CA.
- Ognyanova, K.** (2016). *Network analysis with R and igraph*. Workshop at the NetSciX International Network Science Conference, Wroclaw, Poland.
- Ognyanova, K.** (2015). *Static and dynamic network visualization with R*. Workshop at the Political Networks (POLNET) Annual Conference, Portland, OR.
- Ognyanova, K.** (2014). *Network visualization with Gephi*. Workshop at the NULab for Texts, Maps, and Networks, Northeastern University, Boston, MA.

GRANTS

EXTERNAL

- State Health, Institutions, and Politics Survey (SHIPS)* **2023**
Role: PI. With J. Druckman, D. Lazer, & M. Baum. Funded by NSF (SES-2241886)
Amount: \$920,000 (\$288,712 at Rutgers).
- U.S. institutions after COVID-19: Trust, accountability, and public perceptions* **2021**
Role: PI. With J. Druckman, D. Lazer, & M. Baum. Funded by NSF (SES-2116631)
Amount: \$450,000 (\$159,575 at Rutgers).
- Multi-Wave 50-State COVID-19 Survey: Empowering a National Response* **2020**
Role: PI. With M. Baum & D. Lazer. Funded by the Russell Sage Foundation.
Amount: \$50,000.
- RAPID: Relationships, social distancing, social media and the spread of COVID-19* **2020**
Role: PI. Funded by NSF (SES-2029292).
Amount: \$117,340.
- Auditing Google searches during the election of 2018* **2018-2019**
Role: Co-I. With D. Lazer & C. Wilson. Funded by the Democracy Fund.
Amount: \$40,000.

INTERNAL

- A longitudinal analysis of social networks and patient-reported outcomes in adolescent and young adult cancer survivors* **2024**
Role: Co-I. With K. Darabos & K. Devine. Funded by Cancer Institute of New Jersey.
Amount: \$50,000.
- Computational Social Science Lab* **2023**
Role: PI. With T. Ammari, S. Fu, K. Garimella, S. Jhaver, S. Shugars, V. Singh, M. Weber
Funded by Rutgers SC&I Grants for Team-based Faculty Research.
Amount: \$14,000
- Experimental Design and the Study of Social Networks* **2015**
Role: PI. Rutgers SC&I Research Development Grant. Amount: \$3,630.
- Annenberg Summer Research Grant* **2008-2011**
Role: PI. Funded by the USC Annenberg School. Amount: \$4,000/year.

TEACHING

Course instructor

Rutgers University, School of Communication and Information

- 04:192:305 - **Introduction to Social Media** (BA level) **2015-2017**
Teaching effectiveness (most recent): 4.7/5.
Size: ~30 students. Taught: x3.

- 04:192:354 - **Communication and Technology** (BA level) **2016-2024**
Teaching effectiveness (most recent): 4.6/5.
Size: ~85 students. Taught: x16.
- 04:192:373 – **Social Network Analysis** (BA level) **2024**
Teaching effectiveness (most recent): NA/5.
Size: ~20 students. Taught: x1.
- 04:189:220 - **Data in Context** (BA level) **2022**
Teaching effectiveness (most recent): 4.8/5.
Size: ~30 students. Taught: x1.
Co-instructor: Caitlin Petre.
- 17:194:512 - **Mediated Communication** (MA level) **2016-2024**
Teaching effectiveness (most recent): 4.4/5.
Size: ~30 students. Taught: x5.
- 17:194:534 - **Organizational Communication Networks** (MA level) **2019**
Teaching effectiveness (most recent): 4.0/5.
Size: ~5-10 students. Taught: x1.
- 16:194:633 - **Mediated Communication** (PhD level) **2018-2023**
Teaching effectiveness (most recent): 5.0/5.
Size: ~5-10 students. Taught: x4.
- 16:194:671 - **Computational Social Science** (PhD level) **2021-2023**
Teaching effectiveness (most recent): 4.9/5.
Size: ~10-15 students. Taught: x2.
- 16:194:672 - **Pandemic Policy and Public Opinion** (PhD level) **2022**
Teaching effectiveness (most recent): 4.8/5.
Size: ~5-10 students. Taught: x1.
- 01:090:101:51 - **Byrne seminar: Social and Organizational Networks** (BA level) **2021**
Co-instructor: Sophia Fu.
Size: ~25 students. Taught: x1.

USC Annenberg School of Communication and Journalism

- CMGT 540 - **Uses of Communication Research** (MA level) **2010**

Guest lectures

2010-2024

- 04:189:101 - Honors Seminar, Rutgers University (x3)
- 04:192:446 - Communication and Social Change, Rutgers University
- 16:194:601 - Communication, Information, and Media, Rutgers University (x5)
- 16:194:605 - Critical Research Methods, Rutgers University
- 16:194:623 - Research Design, Rutgers University (x4)
- 16:194:673 - Organizational Communication Networks, Rutgers University (x2)
- 16:194:675 - Understanding, Designing and Building Social Media, Rutgers University (x2)
- 17:610:596 - Community Engagement, Rutgers University
- COMM 204 - Public Speaking, USC Annenberg (x2)
- COMM 618 - Media Effects, USC Annenberg

- COMM 620 - Research Practice and Social Change, USC Annenberg
- ACOM 378 - Studies in Public Persuasion: Ethnic Media, University at Albany
- HIS 207 - Computational Methods in History, Davidson College
- ANT 291 - Social Networks and Social Media, Davidson College
- JOUR 8990 - Social Network Analysis and Media, University of Minnesota
- COMM 352 - Social Network Analysis, Northwestern University
- COMM 861 - Advanced Research and Project Development, American University (x2)

ACADEMIC ADVISING

Rutgers University: Doctoral Dissertation Committees

- Yi Zhao (Chair, in progress)
- Eunbin Ha (Chair, in progress)
- Afrooz Mosallaei (in progress)
Exploring patterns and effects of platformization and incidental exposure in online climate news
- Melanie Kwestel (in progress)
From "Pest" to Stakeholder: The emergence of an environmental multi-stakeholder issue networks
- Luxuan Wang (2023)
Cultivating perceptions: exploring the influence of news media on perceived polarization
- Allyson Bontempo (2023)
Exploring the medical interactions of patients with difficult-to-diagnose or uncertain illnesses
- Katie Park (2022)
Design interventions to reduce online incivility
- Soumik Mandal (2020)
Clarifying users' information need in conversational information retrieval
- Isha Ghosh (2020)
Social interventions to reduce the privacy paradox
- Souvick Ghosh (2020)
Exploring cognitive functionalities of spoken conversation systems
- Inyoung Shin (2019)
The cost of awareness on individual wellbeing: assessing communication technology usage and its relationship to network awareness
- Teis Kristensen (2019)
Overcoming knowledge sharing boundaries in organizations: an examination of a software company
- Allie Kosterich (2017)
Rapid institutional change, professional journalists and the rise of the news nerd

External member: Doctoral Dissertation Committees

- Alexi Quintana, Northeastern University (in progress)
From followers to close ties: homophily in population level social networks
- Nicholas Rabb, Tufts University (in progress)
Modeling Media Influence on the Formation of Polarized, Misinformed Attitudes

- Abraham Israeli, Ben-Gurion University of the Negev (2024)
Multi-Modal Approaches for Modeling the Dynamics of Online Communities
- Ronald Robertson, Northeastern University (2020)
An Interdisciplinary Examination of Partisanship in Web Search

Rutgers University: Qualifying Exam Committees

- Arpita Jindani: *Computational and Qualitative Methods* (2023)
- Yehuda Perry: *Human-Centered Artificial Intelligence* (2023)
- Eiman Ahmed: *Social Network Analysis* (2023)
- Shravan Regret Iyer: *Science Communication and Media* (2022)
- Luxuan Wang: *Information crisis and online public space* (2021)
- Maria Kukhareva: *Online organizing and social media* (2021)
- Hajar Shirley: *Communication and Technology* (2021)
- Kevin Wang: *Communication and Technology* (2020)
- Katie Park: *Communication and Technology* (2020)
- Melanie Kwestel: *Online protest movements* (2020)
- Xizi Ru: *Communication and Technology* (2019)
- Soumik Mandal: *Social Network Analysis* (2018)
- Isha Ghosh: *Design of Networked Interventions* (2018)
- Teis Kristensen: *Computational Social Science in Organizations* (2017)
- Allie Kosterich: *Media institutions and digital labor* (2016)

Rutgers University: Independent Study & Practicum

- Eunbin Ha: AI and misinformation assessment – graduate level (2024)
- Luxuan Wang: Online news exposure and misinformation – graduate level (2020)
- Melanie Kwestel: Online humor during a global pandemic – graduate level (2020)
- Sonya Gande: social media, gender, and politics – undergraduate level (2020)
- Xizi Ru: Statistical data analysis using R – graduate level (2019)
- Maria Kukhareva: Communication and technology – graduate level (2019)
- Soumik Mandal: Network analysis of social media data – graduate level (2018)
- Souvick Ghosh: Network analysis of social media data – graduate level (2018)
- Emily Orr: Network experiments and citizen science – undergraduate level (2016)

SERVICE: RUTGERS UNIVERSITY

Rutgers University: Research Groups

- Director: Computational Social Science Lab (2023-present)
- Member: NetSCI Network Science Lab (2015-present)
- Member: Social Media & Society Cluster (2015-present)
- Member: Institute for Quantitative Biomedicine COVID-19 (Mis)Information Group (2020-2023)
- Leader: Computational Communication Research Group (2017-2020)

Rutgers University: Department of Communication

- Member: Faculty Search Committee, Organizational Communication (2024-2025)
- Chair: Faculty Search Committee, Data Science & Technology (2023-2024)
- Member: Faculty Search Committee, Data Science and Organizing (2021-2022)
- Member: Faculty Search Committee, Organizational Communication (2019-2020)
- Member: Faculty Search Committee, Communication and Technology (2016-2017)
- Advisor: Lambda Pi Eta communication honor society (2017-2021)
- Member: Communication Research Committee (2015-2016)

Rutgers University: School of Communication & Information

- Member: Appointment and Promotion Committee (2024-2025)
- Facilitator: SC&I Scholarly Incubator (2024)
- Member: Data Equity Initiative Steering Committee (2023-present)
- Member: Appointment and Promotion Committee (2023-2024)
- Member: Appointment and Promotion Committee (2021-2022)
- Member: Master of Communication & Media Program Executive Committee (2019-present)
- Member: SC&I Building, Programming, and Design Steering Committee (2018-present)
- Member: SC&I Web Committee (2016-present)
- Member: Data Science and Social Systems Working Group (2016-2017)

Rutgers University: University-level service

- Cluster champion: Data Science and Artificial Intelligence Cluster (2023-present)
- Member: CASS Cyberinfrastructure and AI for Science and Society (2023-present)
- Member: Data Science Program and Curriculum Committee (2023-present)
- Member: Provost Strategic Taskforce on Cyberinfrastructure and Data Science (2022-2023)
- Member: Data Science Undergraduate Program Steering Committee (2021-2022)
- Member: Data Science Undergraduate Program Working Group (2020-2023)
- Member: Office of Advanced Research Computing Faculty Advisory Committee (2018-present)
- Member: University TA/GA Grievance Committee Pool (2017-2019)

Rutgers University: Panel participation

- Panelist: Labs and clusters at SC&I, PhD Recruitment Day (2024)
- Panelist: Computational Social Science Lab Panel, SC&I PhD Colloquium (2023)
- Panelist: Grants & Fellowships in the Humanities and Social Sciences, Collaborative Grants (2021)
- Panel moderator: Strategic Communication on the Job Market, OCMC Conference (2018)
- Idea Leader: Data Science, Rutgers Research Ideation Forum (2018)
- Panelist: Information Ecologies Panel, SC&I Post-Truth Scholarly Incubator (2017)
- Panelist: Social Media Cluster Panel, SC&I PhD Colloquium (2016, 2018)
- Panelist: Academic Job Search Panel, SC&I PhD Colloquium (2016)

Rutgers University: Workshop participation

- Participant: Developing Classroom Policies and Practices to Respond to ChatGPT (2023)
- Participant: Campus Connect Suicide Prevention Training (2021)
- Participant: Mental Health First Aid Training Course (2021)
- Participant: Intro to Teaching Online: Best Practices for Supporting Student Learning Workshop, Rutgers Teaching and Learning with Technology (2020)
- Participant: Fundamentals of Designing Online Courses Workshop, Rutgers Teaching and Learning with Technology (2020)
- Participant: Data for Public Good Workshop, Bloustein School (2018)
- Participant: Innovation Hub Leadership Workshop, RBHS and ORED, (2018)
- Participant: Effective Mentoring Workshop, Program for Early Career Excellence (2018)
- Participant: Diversity, Inclusion, & Equity Workshop, Program for Early Career Excellence (2017)
- Participant: Active Learning Bootcamp, Learning Centers & Digital Classroom Services (2016)

Rutgers University: Other activities

- Member: *Rutgers Program for Early Career Excellence* (2016-2019)
- Guest speaker: Faculty-student salon SC&I Unplugged (2018)
- Reviewer: SC&I Extending Play 3 Conference (2016)

SERVICE: ACADEMIC COMMUNITY

Journal editorial boards

- *Communication Research* (Editorial Board: 2020-present)
- *Computational Communication Research* (Editorial Board: 2018-present)
- *Information, Communication & Society* (Editorial Board: 2024-present)
- *Human Communication Research* (Editorial Board: 2023-present)
- *Journal of Quantitative Description: Digital Media* (Editorial Board: 2021-present)
- *PNAS Nexus* (Social & Political Science Editor: 2022-present)

Journal ad-hoc reviewer

- *American Behavioral Scientist* (x2)
- *British Journal of Political Science* (x2)
- *Communication Methods and Measures* (x1)
- *Communication Monographs* (x1)
- *Communication Reports* (x1)
- *Communication Research* (x20)
- *Communication Theory* (x3)
- *Computational Communication Research* (x4)
- *Cyberpsychology* (x1)

- *Digital Journalism* (x1)
- *EPJ Data Science* (x5)
- *Human Communication Research* (x7)
- *Information, Communication, and Society* (x3)
- *International Journal of Communication* (x7)
- *International Journal of E-Politics* (x2)
- *International Journal of Press/Politics* (x5)
- *International Journal of Public Opinion Research* (x1)
- *Journal of Children and Media* (x2)
- *Journal of Communication* (x11)
- *Journal of Computer-Mediated Communication* (x6)
- *Journal of Experimental Political Science* (x1)
- *Journal of Information Technology & Politics* (x1)
- *Journal of Quantitative Description: Digital Media* (x3)
- *Journalism & Mass Communication Quarterly* (x2)
- *Journalism Studies* (x1)
- *Mass Communication and Society* (x18)
- *Nature* (x12)
- *New Media and Society* (x2)
- *PLOS ONE* (x1)
- *PNAS Nexus* (x2)
- *Policy & Internet* (x1)
- *Political Communication* (x3)
- *Public Opinion Quarterly* (x2)
- *Science* (x3)
- *Social Media + Society* (x1)
- *Social Network Analysis and Mining* (x2)
- *Time-Sharing Experiments for the Social Sciences* (x1)
- *Transactions on Internet Technology (ACM)* (x4)

Book chapter reviewer

- *The Oxford Handbook of Networked Communication* (2018)
- *The Oxford Handbook of Political Networks* (2016)

Grant reviewer

- *NSF RISBS Research Infrastructure in the Social and Behavioral Sciences* (2024)
- *European Commission European Research Council Starting Grants* (2024)
- *European Commission Consolidator Grants, Human-Machine Social Systems* (2023)
- *Air Force Office of Scientific Research, Trust and Influence Program* (2023)

- NSF *Human Networks and Data Science* (2022, 2023)
- NSF *Science of Science: Discovery, Communication, Impact* (2022)

Committee service

- *National Academies of Sciences, Engineering, and Medicine*
Standing Committee on Advancing Science Communication (2024)
Planning Committee: Health Communication in the Current Information Environment (2023)
- *ACM Web Science Conference (WebSci)*
"Test of Time" Award Committee (2023)
- *International Communication Association (ICA)*
Computational Communication Best Paper Award Committee -- Chair (2024)
Computational Communication Dissertation Award Committee (2023)
- *American Political Science Association (APSA)*
John Sprague Best Paper Award Committee (2023)
Political Networks (PolNet) funding committee (2019)
Political Ties Award Committee (2018)
- *National Internet Observatory (NIO)*
Science Advisory Board

Conference organization

- *APSA Political Networks Conference (Polnet)*
Program Chair (2024)
- *ACM Web Science Conference (WebSci)*
General Chair (2024)
Program Chair (2023)
Workshops and Tutorials Chair (2019)
Senior Programming Committee (2022)
Programming Committee (2021)
- *International AAAI Conference on Web and Social Media (ICWSM)*
Workshop Chair (2021)
Tutorial Chair (2019)
Senior Programming Committee (2016, 2017, 2018)
- *Summer Institutes in Computational Social Science (SICSS)*
Co-organizer, Rutgers University (2021)
- *International Conference on Computational Social Science (IC2S2)*
Programming Committee (2017, 2018, 2019, 2020)
- *VIM: Visions in Methodology Conference*
Program Committee (2018)
- *International Conference on Social Informatics (SocInfo)*
Programming committee (2017)
- *World Wide Web Conference (WWW)*
Programming Committee, Theory & Practice of Social Machines (2015)
Programming Committee, Web Science Track (2014, 2015)

- *HICSS: Hawaii International Conference on System Science*
Reviewer (2015)
- *ICA: Annual Convention of the International Communication Association*
Reviewer (2009-2019)
- *NCA: Annual Convention of the National Communication Association*
Reviewer (2009-2016)

PROFESSIONAL AFFILIATIONS

- International Communication Association (ICA)
- National Communication Association (NCA)
- International Network for Social Network Analysis (INSNA)
- American Association for the Advancement of Science (AAAS)
- Political Networks division of American Political Science Association (APSA)
- Association for Education in Journalism and Mass Communication (AEJMC)

SELECTED MEDIA MENTIONS

- *Conspiracy theories about Trump's assassination have exploded. Here's why.*
Boston Globe (2024) by A. Ryan
- *Misinformation roiled the 2016 and 2020 elections. Here's what to expect as 2024 races heat up.*
Boston Globe (2024) by A. Ryan
- *Urgent societal problems: How important are networks?*
Computational Communication Science Podcast (2024) by E. Domahidi & M. Haim
- *People, Not Google's Algorithm, Create Their Own Partisan 'Bubbles' Online*
Scientific American (2023) by J. Thompson
- *Katherine Ognyanova on networks*
Knitting Networks Podcast (2023) by F. Ortiz Ruiz & A. Espinosa-Rada
- *Even when the pandemic fades, the depression it has wrought will linger*
STAT (2022) by R. Perlis & **K. Ognyanova**
- *50% of young adults report symptoms of depression, new Covid-19 survey shows*
Forbes (2022) by D. Gordon
- *How many people died believing vaccine misinformation?*
Washington Post (2022), editorial.
- *How many Americans believe false claims about Covid-19 vaccines?*
CNN Reliable Sources Podcast (2022) by B. Stelter
- *Omicron has fueled even more COVID-19 misinformation as scientists wait to learn more*
The Philadelphia Inquirer (2021) by J. McDaniel & E. McCarthy
- *Stop Calling It a 'Pandemic of the Unvaccinated'*
The Atlantic (2021) by Y. Tayag
- *We Need to Understand the Difference Between Isolation and Loneliness*

- New York Times (2021) by K. Tingley
- *Why no one really knows how bad Facebook's vaccine misinformation problem is*
Vox News (2021) by S. Ghaffary
 - *Let's Keep the Vaccine Misinformation Problem in Perspective*
WIRED (2021) by G. Edelman
 - *Charlie Kirk's pro-Trump youth group stokes vaccine resistance as COVID-19 surges again*
Washington Post (2021) by I. Stanley-Becker
 - *People are more anti-vaccine if they get their covid news from Facebook than from Fox News, data shows*
Washington Post (2021) by D. Lazer, J. Green, M. Baum, **K. Ognyanova**, J. Lin, J. Druckman, R. Perlis, M. Santillana, M. Simonson, & A. Uslu
 - *Poll shows parents are reluctant to get their children vaccinated*
New York Times (2021) by J. Hoffman
 - *Why are some college students studying in their cars? A new study explains*
Star Ledger (2021) by V. Katz, A. Jordan, & **K. Ognyanova**
 - *Glaring omission from Biden's Covid-19 task force: mental health expertise*
STAT (2020) by R. Perlis, M. Baum, & **K. Ognyanova**
 - *These nine swing states will see the biggest 'blue shift' as ballots are counted after the election*
Washington Post (2020) by D. Lazer, J. Green, M. Baum, A. Quintana, **K. Ognyanova**, A. Gitomer, J. Druckman, M. Simonson, H. Chwe, R. Perlis, J. Lin, & M. Santillana
 - *Actually, We Will Know a Lot on Election Night*
Wall Street Journal (2020) by N. Persily & C. Stewart III
 - *Young People More Likely to Believe Virus Misinformation, Study Says*
New York Times (2020) by A. Satariano
 - *Polls show trust in scientific, political institutions eroding*
The Hill (2020) by R. Wilson
 - *The US is disastrously behind in COVID-19 testing. Again*
WIRED (2020) by M. Molteni
 - *'It's like having no testing': Coronavirus test results are still delayed*
New York Times (2020) by S. Mervosh & M. Fernan
 - *Women in masks, men in denial: Why some say they won't cover up to fight COVID-19*
NJ.com (2020) by A. Kuperinsky
 - *How a public health crisis becomes a public trust crisis*
RealClearPolitics (2020) by M. Baum, D. Lazer, A. Quintana, R. Perlis, **K. Ognyanova**, J. Druckman, J. Della Volpe, & M. Santillana
 - *Americans increasingly dislike how republican governors are handling the coronavirus outbreak*
FiveThirtyEight (2020) by G. Skelley
 - *Voters are figuring out who's responsible for the mess we're in*
Washington Post (2020) by J. Rubin
 - *A hasty 'reopening' is not a good political move for governors*
New York Magazine (2020) by E. Kilgore

- *Most Americans haven't stopped trusting scientists*
FiveThirtyEight (2020) by M. Koerth
- *These three governors are reopening their states faster than their voters want*
Washington Post (2020) by M. Baum, **K. Ognyanova**, & D. Lazer
- *Survey: Ohio and Kentucky governors are the most popular during the pandemic*
USA Today (2020) by S. Wartman
- *Americans in all 50 states agree their governors are handling coronavirus better than Trump*
New York Magazine (2020) by E. Kilgore
- *Governors in all 50 states get better marks than Trump for COVID response*
The Hill (2020) by R. Wilson
- *Cynical social media voices can erode trust in news media*
Science Daily (2019)
- *Local Facebook groups offer information, entertainment, fighting*
The Press of Atlantic City (2018) by C. Shaw
- *The Political Twitter Bots Will Rage This Election Day*
WIRED (2016) by D. Alba
- *Data scientists find consistencies in Donald Trump's erratic Twitter strategy*
NPR, All Things Considered (2016) by S. Sanders
- *The data behind Trump's Twitter takeover*
Politico (2016) by O. Tsur, **K. Ognyanova**, & D. Lazer
- *What to expect in the Dem debate? We crunched the last one*
Politico (2015) by D. Lazer, O. Tsur, **K. Ognyanova**, & R. Kennedy
- *Debate data reveals it's still the Trump show*
Politico (2015) by D. Lazer, O. Tsur, **K. Ognyanova**, & R. Kennedy
- *Trump won the debate - or at least talked the most*
Politico (2015) by D. Lazer, O. Tsur, **K. Ognyanova**, & R. Kennedy
- *How Congress sees the world, in charts*
Politico (2015) by D. Lazer, **K. Ognyanova**, & O. Tsur
- *What politicians talk about when they talk about coal*
Politico (2015) by D. Lazer, **K. Ognyanova**, & O. Tsur

APPENDIX A: REPORTS AND WHITE PAPERS

* Denotes a student collaborator at the time of submission.

Lazer, D., Nakamura, K.* , Perlis, R., Baum, M., **Ognyanova, K.**, Druckman, J., Santillana, M., Uslu, A.* , Qu, H.* , & Bernt, S.* (2024). *CHIP50 Report #106: Opioid addiction in our social networks.*

www.chip50.org

Lazer, D., Baum, M., Druckman, J., Uslu, A.* , **Ognyanova, K.**, Perlis, R., Santillana, M., & Qu, H.* (2024). *CHIP50 Report #105: No change: Evaluating the short-term impact of the first presidential debate on voter preferences.* www.chip50.org

Lazer, D., Qu, H.* , Baum, M., **Ognyanova, K.**, Uslu, A.* , Bernt, S.* , Druckman, J., Perlis, R., & Santillana, M. (2024). *CHIP50 Report #104: Approval ratings of Trump and Biden's presidencies.*

www.chip50.org

Schulman, J.* , Baum, M., Lazer, D., **Ognyanova, K.**, Perlis, R., Druckman, J., Santillana, M., Nakamura, K.* , Uslu, A.* , & Qu, H.* (2024). *CHIP50 Report #103: How do Americans feel about Israel, Palestine, Jews, and Muslims?* www.chip50.org

Nakamura, K.* , Baum, M., Lazer, D., Santillana, M., **Ognyanova, K.**, Perlis, R., Druckman, J., Schulman, J., Uslu, A.* , & Qu, H.* (2024). *CHIP50 Report #102: Who has the flu? Early winter 2023-24 spread of flu and COVID-19.* www.chip50.org

Perlis, R., **Ognyanova, K.**, Lazer, D., Schulman, J.* , Safarpour, A., Baum, M., Santillana, M., Quintana, A., Uslu, A.* , Druckman, J., Trujillo, K. L., Green, J., & Qu, H.* (2023). *The COVID States Project #101: Mental health among young adults.* www.covidstates.org

Lazer, D., Quintana, A.* , Uslu, A.* , Perlis, R., Baum, M., Druckman, J., Trujillo, K. L., Green, J., **Ognyanova, K.**, Qu, H.* , Safarpour, A., Santillana, M., & Schulman, J. (2023). *The COVID States Project #100: Estimating current vaccination rates.* www.covidstates.org

Ognyanova, K., Baum, M., Lazer, D., Perlis, R., Druckman, J., Santillana, M., Schulman, J.* , Green, J., Safarpour, A., Trujillo, K. L., Quintana, A.* , Uslu, A.* , & Qu, H.* (2023). *The COVID States Project #99: Health and political misperceptions in the US.* www.covidstates.org

Schulman, J.* , Perlis, R., Lazer, D., Baum, M., **Ognyanova, K.**, Green, J., Druckman, J., Qu, H.* , Quintana, A.* , Safarpour, A., Santillana, M., Trujillo, K. L., & Uslu, A.* (2023). *The COVID States Project #98: Depression, anxiety, stress, and loneliness among young Americans.* www.covidstates.org

Schulman, J.* , Qu, H.* , Lazer, D., Perlis, R., **Ognyanova, K.**, Baum, M., Cadenasso, S.* , Druckman, J., Green, J., Quintana, A.* , Safarpour, A., Santillana, M., Trujillo, K. L., & Uslu, A.* (2023). *The COVID States Project #97: Twitter, social media, and Elon Musk.* www.covidstates.org

Schulman, J.* , Lazer, D., Perlis, R., Baum, M., Cadenasso, S.* , **Ognyanova, K.**, Quintana, A.* , Uslu, A.* , Druckman, J., Santillana, M., Green, J., Safarpour, A., Trujillo, K. L., & Qu, H.* (2022). *The COVID States Project #96: State of the COVID-19 pandemic.* www.covidstates.org

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- Cole, J., Suman, M., Schramm, P., Zhou, L., Salvador, A., **Ognyanova, K.**, & Lebo, H. (2011). *The World Internet Project: International Report 2011* (pp. 1–207). USC Annenberg School Center for the Digital Future.
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APPENDIX B: CONFERENCE PRESENTATIONS

* Denotes a student collaborator at the time of submission.

- Wang, L.*, & **Ognyanova, K.** (2023). *The challenge of staying informed: News-Finds-Me beliefs and COVID-19 misperceptions*. International Communication Association (ICA) Annual Conference, Toronto, Canada.
- Lazer, D., Baum, M., **Ognyanova, K.**, Green, J., & Safarpour, A. (2022). *Pandemic and partisanship: evaluating the effect of COVID-19 on patterns of political approval and voting decisions*. American Political Science Association (APSA) Annual Conference, Montreal, Canada.
- Ognyanova, K.** (2021). *COVID-19 vaccine misperceptions, uncertainty, and health outcomes*. Rutgers COVID-19 Research Retreat, conducted online.
- Quintana, A.*, Lazer, D., **Ognyanova, K.**, Perlis, R., Baum, M., Lin, J.*, Druckman, J., Santillana, M., Simonson, M.*, Green, J., & Volpe, J. (2021). *Social isolation and social networks in the United States through the COVID-19 pandemic*. Networks 2021, A Joint Sunbelt and NetSci Conference, conducted online.
- Ognyanova, K.** (2021). *Pandemic information and misinformation*. COVID-19 and Society. 13th ACM Web Science Conference (WebSci'21), conducted online.
- Druckman, J., Lazer, D., **Ognyanova, K.**, Baum, M., & Simonson, M.* (2020). *Vulnerable populations and COVID-19 misinformation*. American Political Science Association (APSA) Annual Conference, conducted online.
- Simonson, M.*, **Ognyanova, K.**, Baum, M., Druckman, J., & Lazer, D. (2020). *Black networks matter*. American Political Science Association (APSA) Annual Conference, conducted online.
- Simonson, M.*, Lazer, D., Santillana, M., **Ognyanova, K.**, Della Volpe, J., Baum, M., Perlis, R., Druckman, J., & Green, J. (2020). *Risk factors for SARS-cov-2 transmission through intrahousehold networks*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, conducted online.
- Ognyanova, K.** (2020). *The networks of politics: Tie strength and the spread of political knowledge*. International Communication Association (ICA) Annual Conference, conducted online.
- Ognyanova, K.**, Lazer, D., Robertson, R., & Wilson, C. (2020). *The consequences of fake news: Misinformation, media trust, and confidence in political institutions*. International Communication Association (ICA) Annual Conference, conducted online.
- Ognyanova, K.** (2019). *Contagious politics: The spread of political knowledge through online and offline social networks*. National Communication Association (NCA) Annual Conference, Baltimore, MD.
- Bejarano, W.*, Ru, X.*, Kim, M.*, & **Ognyanova, K.** (2019). *Social media signals in communication research*. National Communication Association (NCA) Annual Conference, Baltimore, MD.
- Ognyanova, K.** (2019). *Social choices: The spread of attitudes towards media and politics in online and offline social networks*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, Montreal, CA.

- Ognyanova, K.** (2019). *The social context of media trust: A network influence model*. International Communication Association (ICA) Annual Conference, Washington, DC.
[Top 4 Papers, Mass Communication Division]
- Bontempo, A.*, **Ognyanova, K.**, & Mikesell, L. (2018). *Therapeutic affordances of patient online communities*. National Communication Association (NCA) Annual Conference, Salt Lake City, UT.
- Bontempo, A.*, **Ognyanova, K.**, & Mikesell, L. (2018). *High incidence of diagnostic error of endometriosis in Australia, Canada, Ireland, Romania, and the UK*. European Health Psychology Society (EHPS) Annual conference, Galway, Ireland.
- Ognyanova, K.** (2018). *Using computational and networked tools to rebuild media theory*. International Communication Association (ICA) Annual Conference, Prague, Czech Republic.
- Bontempo, A.*, **Ognyanova, K.**, & Mikesell, L. (2018). *Trust in physicians predicts patient online community use in women with endometriosis*. Kentucky Conference on Health Communication, Lexington, KY.
- Bontempo, A.*, **Ognyanova, K.**, & Mikesell, L. (2018). *High incidence of diagnostic error of endometriosis in the U.S.*, American Public Health Association (APHA) Annual Conference, San Diego, CA.
- Katz, V., Moran, M., & **Ognyanova, K.** (2017). *Contextualizing connectivity: How internet quality and parental factors impact lower-income children's technology use*. Digital Media & Learning Conference, Irvine, CA.
- Ognyanova, K.** (2017). *Challenges and opportunities of computational media research*. Association for Education in Journalism and Mass Communication (AEJMC) Annual Conference, Chicago, IL.
- Ognyanova, K.** (2017). *Trends, tools, and techniques in network visualization for the social sciences*. International Communication Association (ICA) Annual Conference, San Diego, CA.
- Lazer, D., **Ognyanova, K.**, Neblo, M., & Minozzi, W. (2017). *Cross-cutting pressures and the emergence of political identity in 2016*. American Political Science Association (APSA) Annual Conference, San Francisco, CA.
- Ognyanova, K.** (2016). *The road to rebuilding media theory: Computational and network approaches to mass communication*. International Communication Association (ICA) Annual Conference, Fukuoka, Japan.
- Ognyanova, K.** (2016). *Promoting transparency and replicability in communication research*. International Communication Association (ICA) Annual Conference, Fukuoka, Japan.
- Liu, W., Chen, N-T., **Ognyanova, K.**, Ball-Rokeach, S., & Parks, M. (2016). *Paths of influence between a hyperlocal news website and civic engagement in a multiethnic community*. International Communication Association (ICA) Annual Conference, Fukuoka, Japan.
- Weber, M., **Ognyanova, K.**, & Kosterich, A.* (2016). *Imitation in the quest to adapt: Lessons from news media on the early web*. National Communication Association (NCA) Annual Conference, Philadelphia, PA.
- Song, H., Minozzi, W., **Ognyanova, K.**, Lazer, D., & Neblo, M. (2016). *Who discusses politics, why, and how?* American Political Science Association (APSA) Annual Conference, Philadelphia, PA.

- Radford, J., Pilny, A., **Ognyanova, K.**, Horgan, L, Wojcik, S., & Lazer, D. (2016). *Gaming for science: A demo of online experiments on VolunteerScience.com*. ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), San Francisco, CA.
- Radford, J., Pilny, A., Reichelmann, A.*, Keegan, B., Foucault Welles, B., **Ognyanova, K.**, Hoye, J., Meleis, W., & Lazer, D. (2016). *Volunteer Science as an online platform for experiments in organizations*. Academy of Management (AOM) Annual Meeting, Anaheim, CA.
- Song, H., Minozzi, W., Lazer, D., Neblo, M., & **Ognyanova, K.** (2016). *The incidental pundit: Intention and opportunity in political conversation*. Midwest Political Science Association (MPSA) Annual Conference, Chicago, IL.
- Song, H., Minozzi, W., Lazer, D., Neblo, M., & **Ognyanova, K.** (2016). *Differing perspectives on informal political conversation and their implications*. Midwest Political Science Association (MPSA) Annual Conference, Chicago, IL.
- Ognyanova, K.**, Lazer, D., Neblo, M., & Minozzi, W. (2015). *Drivers of young adult political identity: The role of peers in political behavior*. Political Networks (POLNET) Annual Conference, Portland, OR.
- Ognyanova, K.** (2015). *The end of mass communication is really just a beginning: Using computational and network approaches to rebuild media theory*. Communication Science in the Digital Age: New Frontiers in Theory and Research Workshop, International Communication Association (ICA) Annual Conference, San Juan, PR.
- Radford, J., Keegan, B., **Ognyanova, K.**, Foucault Welles, B., Hoye, J., Karbeyaz, C., Meleis, W., & Lazer, D. (2015). *Validating massively open online social experiments with Volunteer Science*. International Communication Association (ICA) Annual Conference, San Juan, PR.
- Ognyanova, K.** (2015). *Online experiments: Methods, opportunities, and challenges*. Panel at the International Communication Association (ICA) Annual Conference, San Juan, PR.
- Lazer, D., Meleis, W., Foucault Welles, B., Riedl, C., Radford, J., Keegan, B., **Ognyanova, K.**, Wojcik, S., Hoye, J., & Karbeyaz, C. (2015). *Performing massively open online social experiments with Volunteer Science*. Crowdsourcing and Online Behavioral Experiments Workshop (COBE), Portland, OR.
- Keegan, B., **Ognyanova, K.**, Radford, J., Foucault Welles, B., Riedl, C., Hoye, J., Karbeyaz, C., Meleis, W., & Lazer, D. (2015). *Conducting massively open online social experiments with Volunteer Science*. Society for Industrial and Organizational Psychology (SIOP) Annual Meeting, Philadelphia, PA.
- Radford, J., Keegan, B., Hoye, J., Karbeyaz, C., **Ognyanova, K.**, Foucault Welles, B., Meleis, W., & Lazer, D. (2015). *Conducting massively open online social experiments with Volunteer Science*. International Conference on Weblogs and Social Media (ICWSM), Oxford, UK.
- Ognyanova, K.**, Lazer, D., Neblo, M., Minozzi, W., & Rubineau, B. (2014). *What you know and who you know: Discussion networks and political knowledge*. Political Networks (POLNET) Annual Conference, Montreal, Canada.
- Ognyanova, K.**, Lazer, D., Neblo, M., Minozzi, W., & Rubineau, B. (2014). *Ties that bind across contexts: Personality and the evolution of multiplex networks*. NetSci Annual Conference, Berkeley, CA.

Lazer, D., **Ognyanova, K.**, Neblo, M., Minozzi, W., & Rubineau, B. (2014). *The social control of political participation: Conflict and contagion as processes (de)mobilizing voting*. Midwest Political Science Association Convention, Chicago, IL.

Ognyanova, K. (2014). *Dynamic agenda-convergence networks: Predictors of homogeneity in news content across outlets and sectors*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, St. Petersburg, FL.

Kimura, J., **Ognyanova, K.**, & Beacom, A. (2014). *Using network analysis of patient referral pathways to guide healthcare utilization management strategy*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, St. Petersburg, FL.

Weber, M., Lazer, D., **Ognyanova, K.**, & Kosterich, A.* (2014). *Utilizing large scale archival Internet data to study organizational interaction*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, St. Petersburg, FL.

Ognyanova, K. (2013). *Media fragmentation and thematic homogeneity: Predictors of agenda convergence in online and offline news content*. National Communication Association (NCA) Annual Conference, Washington, DC.

Ognyanova, K. (2013). *Dynamic agenda-convergence networks: Predictors of homogeneity in news content across outlets and sectors*. USC Annenberg Graduate Fellowship Program Research and Creative Project Symposium, Los Angeles, CA.

Ognyanova, K. (2012). *Political efficacy on the Internet: A media system dependency approach*. National Communication Association (NCA) Annual Conference, Orlando, FL.
[Top Paper, Political Communication Division]

Ognyanova, K., Chen, N.-T. N., An, Z., Son, M., Ball-Rokeach, S. J., Parks, M., & Gerson, D. (2012). *Online participation in a community context: Patterns of civic engagement and connections to local communication resources*. International Communication Association (ICA) Annual Conference, Phoenix, AZ.

Chen, N.-T. N., **Ognyanova, K.**, Zhao, N., Liu, W., Gerson, D., Ball-Rokeach, S. J., & Parks, M. (2012). *Communication and socio-demographic forces shaping civic engagement patterns in a multiethnic neighborhood*. International Communication Association (ICA) Annual Conference, Phoenix, AZ.

Ognyanova, K., & Monge, P. (2012). *A multilevel, multidimensional network model of the media system: Production, content, and audiences*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, Redondo Beach, CA.

Huang, M., Margolin, D., **Ognyanova, K.**, Huang, Y., & Contractor, N. (2011). *Understanding and enabling network dynamics in virtual communities*. Academy of Management (AOM) Annual Conference, San Antonio, TX.

Ball-Rokeach, S. J., & **Ognyanova, K.** (2011). *The impact of digital media on political and civic engagement: Do digital media matter?* Association for Education in Journalism and Mass Communication (AEJMC) Annual Conference, St. Louis, MO.

Ball-Rokeach, S. J., Parks, M., Chen, N.-T. N., **Ognyanova, K.**, Liu, W., & Zhao, N. (2011). *The Alhambra Project: Empowering urban community building through a research-driven local news website*. International Association for Media and Communication Research (IAMCR) Annual Conference, Istanbul, Turkey.

Ognyanova, K. (2011). *Actors and links in the media system: Applying a network perspective to the study of media production, content and audience*. International Communication Association (ICA) Annual Conference, Boston, MA.

Ognyanova, K. (2011). *Appropriation of news media content: A key mode of online participation*. International Communication Association (ICA) Annual Conference, Boston, MA.

Huang, M., Huang, Y., Contractor, N., Margolin, D., **Ognyanova, K.**, & Shen, C. (2011). *Social networks in R&D, the public sector, and for entrepreneurship*. Communities & Technologies 2011, Brisbane, Australia.

Ognyanova, K., Chen, N-T. N., Ball-Rokeach, S. J., & Parks, M. (2011). *Alhambra Source: Enhancing civic engagement in a multiethnic community*. USC GPSS Poster Symposium, Los Angeles, CA.
[First place award in the Social Science category]

Ognyanova, K. (2010). *Media transformations and public opinion: Agenda-setting in a digital age*. National Communication Association (NCA) Annual Conference, San Francisco, CA.

Ball-Rokeach, S. J., Parks, M., Chen, N-T. N., & **Ognyanova, K.** (2010). *Building new media bridges across ethnicity en route to increased civic engagement*. National Communication Association (NCA) Annual Conference, San Francisco, CA.

Huang, M., Huang, Y., Margolin, D., **Ognyanova, K.**, Shen, C., & Contractor, N. (2010). *The effects of diversity and repeat collaboration on performance in distributed nanoscientist teams*. Academy of Management (AOM) Annual Conference, Montreal, QC, Canada.
[OCIS Carolyn Dexter Award Nominee]

Ognyanova, K., Margolin, D., Shen, C., Huang, M., Huang, Y., & Contractor, N. (2010). *Team assembly and scientific collaboration on NanoHub*. International Network for Social Network Analysis (INSNA) Sunbelt Conference, Riva del Garda, Trento, Italy.

Huang, M., Huang, Y., Margolin, D., **Ognyanova, K.**, Shen, C., & Contractor, N. (2010). *Size, diversity, & beyond: A mediated model of team composition and performance in "Team Science"*. International Communication Association (ICA) Annual Conference, Singapore.

Ognyanova, K. (2010). *Talking past each other: Academic and media framing of literacy*. Annenberg Graduate Fellowship Program Research and Creative Project Symposium, Los Angeles, CA.

Ognyanova, K. (2009). *Careful what you say: Media control in Putin's Russia – implications for online content*. International Communication Association (ICA) Annual Conference, Chicago, IL.