

Christopher (CJ) Calabrese

Annenberg Public Policy Center
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EDUCATION

- Ph.D. in Communication** 2021
University of California, Davis
Dissertation: Leveraging Online Social Networks for the Adoption of HIV Pre-Exposure Prophylaxis
- M.P.H. in General Public Health** 2016
University of California, Davis
- B.S. in Biochemistry and Molecular Biology** 2015
University of California, Davis

ACADEMIC POSITIONS

- Martin Fishbein Postdoctoral Fellow** 2021 – Present
Annenberg Public Policy Center of the University of Pennsylvania

PEER-REVIEWED PUBLICATIONS

- Dai, M., & Calabrese, C. (2022). Socio-behavioral factors related to PrEP non-adherence among gay male PrEP users living in California and New York: A behavioral theory informed approach. *Journal of Behavioral Medicine*. <https://doi.org/10.1007/s10865-021-00275-1>
- Calabrese, C., Featherstone, J. D., Robbins, M., & Barnett, G. A. (2021). Examining the relationship between gene editing knowledge, value predispositions, and general science attitudes among U.S. farmers, scientists, policymakers, and the general public. *Journal of Science Communication*. <https://doi.org/10.22323/2.20020202>
- Robbins, M., Calabrese, C., Featherstone, J. D., & Barnett, G. A. (2021). A textual analysis of agricultural stakeholder representations of genome editing technology. *Journal of Science Communication*. <https://doi.org/10.22323/2.20050207>

Weeks, B., Menchen-Trevino, E., **Calabrese, C.**, Casas, A., & Wojcieszak, M. (2021). Partisan media, untrustworthy news sites, and political misperceptions. *New Media & Society*. <https://doi.org/10.1177/14614448211033300>

Zhang, J., Featherstone, J. D., **Calabrese, C.**, & Wojcieszak, M. (2021). Effects of fact-checking social media vaccine misinformation on attitudes toward vaccines. *Preventive Medicine*. <https://doi.org/10.1016/j.ypmed.2020.106408>

Zhang, J., Xue, H., **Calabrese, C.**, Chen, H., & Dang, J. H. (2021). Understanding HPV vaccine promotions and hesitancy in Northern California through examining public Facebook pages and groups. *Frontiers in Digital Health*. <https://doi.org/10.3389/fdgth.2021.683090>

Calabrese, C., Ding, J., Millam, B., & Barnett, G. A. (2020). The uproar over gene-edited babies: A semantic network analysis of CRISPR on Twitter. *Environmental Communication*, 14(7), 954-970. <https://doi.org/10.1080/17524032.2019.1699135>

Calabrese, C., Anderton, B. N., & Barnett, G. A. (2019). Online representations of “genome editing” uncover opportunities for encouraging engagement: A semantic network analysis. *Science Communication*, 41(2), 222-242. <https://doi.org/10.1177/1075547018824709>

Calabrese, C., & Bell, R. A. (2019). Opposition to nonprescription naloxone access: measurement and psychosocial predictors. *Substance Use & Misuse*, 54(11), 1853-1861. <https://doi.org/10.1080/10826084.2019.1618331>

Calabrese, C., & Zhang, J. (2019). Inferring norms from numbers: Boomerang effects of online virality metrics on normative perceptions and behavioral intention. *Telematics and Informatics*, 45, 101279. <https://doi.org/10.1016/j.tele.2019.101279>

Zhang, J., **Calabrese, C.**, Ding, J., Liu, M., & Zhang, B. (2018). Advantages and challenges in using mobile apps for field experiments: A systematic review and a case study. *Mobile Media & Communication*, 6(2), 179-196. <https://doi.org/10.1177/2050157917725550>

MANUSCRIPTS UNDER REVIEW

Calabrese, C., Zhang, J., & Yu, X. (in review). Perceptions of PrEP on Twitter: A theoretically guided content analysis on the behavioral determinants of PrEP uptake.

Ji, J., Robbins, M., Featherstone, J. D., & **Calabrese, C.**, Barnett, G. A. (in revision). Comparison of public discussions of gene editing on social media between the United States and China.

MANUSCRIPTS IN PREPARATION

Calabrese, C., Xue, H., & Zhang, J. Dissonance between posts of health agencies and public comments regarding COVID-19 and vaccination on Facebook in Northern California.

Calabrese, C., & Zhang, J. Leveraging share counts for online health campaigns: Examining the persuasive mechanisms behind virality metrics on behavior intention.

Calabrese, C., & Zhang, J. Small group mobile app intervention to increase HIV pre-exposure prophylaxis intention among gay and bisexual men.

Calabrese, C., & Zhang, J., Featherstone, J. D., & Wojcieszak, M. Implementing falsification labels to reduce vaccine misperceptions on social media.

Ji, J. & **Calabrese, C.** Examining online discussions and sentiments surrounding “climate change” among key stakeholder groups in China.

Palomares, N. A., Wingate, V. S., & **Calabrese, C.** How the publicness of cyberbullying affects goal understanding and uncertainty reduction processes in social media: Theoretical evidence from three experiments.

PEER-REVIEWED BOOK CHAPTERS

Hether, H. J., & **Calabrese, C.** (2020). Beyond #liking: Inspiring user-generated content for health promotion. In J. Kim & H. Song (Eds.). *Technology and health: Promoting attitude and behavior change*. San Diego, CA: Elsevier.

ENCYCLOPEDIA CHAPTERS

Dai, M., Wright, L., Chen, T., & **Calabrese, C.** (accepted). Sexually transmitted infections. In Ho, E., Byland, C., & van Weert, J. (Ed.), *The international encyclopedia of health communication*.

CONFERENCE PRESENTATIONS

Calabrese, C., Xue, H., & Zhang, J. (2022, May). Dissonance between posts of health agencies and public comments regarding COVID-19 and vaccination on Facebook in Northern California. Extended abstract accepted to the 72nd Annual Convention of International Communication Association. Health Communication Division. Paris, France.

Oh, Y., Stevens, H., **Calabrese, C.**, Ye, Y., & Tin, J. (2022, May). I got vaccinated today: Understanding linguistic cues and development of LSTM neural network model for vaccination behavior classification. Extended abstract accepted to the *72nd Annual Convention of International Communication Association*. Health Communication Division. Paris, France.

Calabrese, C., & Zhang, J. (2021, November). Small group mobile app intervention to increase HIV pre-exposure prophylaxis intention among gay and bisexual men. Paper presented to the *107th Annual Convention of the National Communication Association*. Health Communication Division. Seattle, WA.

Oh, Y., **Calabrese, C.**, & Stevens, H. (2021, November). Tweet concretely: Examining the relationship between concrete language and perceived temporal distance to COVID-19 vaccination. Paper presented at the *107th Annual Convention of the National Communication Association*. Health Communication Division. Seattle, WA.

Calabrese, C., Zhang, J., & Yu, X. (2021, August). Perceptions of HIV pre-exposure prophylaxis on Twitter: Examining beliefs and barriers with the approval of Descovy. Poster presented at the *104th Association for Education in Journalism and Mass Communication Annual Conference*. Communicating Science, Health, Environment, and Risk Division. *Virtual conference due to COVID-19.

Calabrese, C., & Dai, M. (2021, May). Socio-behavioral factors related to PrEP non-adherence among gay male PrEP users living in California and New York: A behavioral theory informed approach. Paper presented at the *71st Annual Convention of International Communication Association*. Health Communication Division. *Virtual conference due to COVID-19.

Featherstone, J. D., **Calabrese, C.**, Robbins, M., & Barnett, G. A. (2021, May). The power of sentiment analysis on opinion mining: An evaluation between sentiment scores of texts and self-reported attitude scores. Extended abstract accepted to the *71st Annual Convention of International Communication Association*. Computational Methods Interest Group. *Virtual conference due to COVID-19.

Calabrese, C. (2020, November). Effects of second-person point of view and protagonist competence on health narrative messages supporting naloxone. Paper presented at the *106th Annual Convention of the National Communication Association*. Mass Communication Division. *Virtual conference due to COVID-19.

Calabrese, C., Featherstone, J. D., Robbins, M., & Barnett, G. A. (2020, August). Examining the influence of gene editing knowledge on science attitudes among four major stakeholder groups. Paper presented at the *103rd Association for Education in Journalism and Mass Communication Annual Conference*. Communicating Science, Health, Environment, and Risk Division. *Virtual conference due to COVID-19.

Robbins, M., **Calabrese, C.**, Featherstone, J. D., & Barnett, G. A. (2020, July). A textual analysis of stakeholder perceptions of genomic editing technology. Poster presented at the *Sunbelt Social Networks Conference of the International Network for Social Network Analysis*. *Virtual conference due to COVID-19.

Calabrese, C., & Zhang, J. (2020, May). Leveraging online shares for HIV prevention: Effects of social media virality metrics on message evaluation, perceived risk, and HIV testing intention. Paper presented at the *70th Annual Conference of the International Communication Association*. Health Communication Division. *Virtual conference due to COVID-19.

Featherstone, J., Zhang, J., & **Calabrese, C.** (2020, May). Effects of source credibility in fact-checking messages to correct vaccine misinformation. Paper presented at the *70th Annual Conference of the International Communication Association*. Health Communication Division. *Virtual conference due to COVID-19.

Weeks, B., Menchen-Trevino, E., **Calabrese, C.**, & Wojcieszak, M. (2020, May). Partisan media and political misperceptions. Paper presented at the *70th Annual Conference of the International Communication Association*. Political Communication Division. *Virtual conference due to COVID-19.

Calabrese, C., Featherstone, J., & Zhang, J. (2020, April). Effects of correcting misinformation on misperceptions toward vaccines. Poster presented at the *41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine*. *Physical conference cancelled due to COVID-19; poster presented via SBM 2020 Mobile App.

Calabrese, C. & Zhang, J. (2019, November). Effects of online virality metrics on enhancing the efficacy of an HIV prevention campaign message among young adults. Poster presented at the *2019 American Public Health Association Annual Meeting*. Public Health Education and Health Promotion Section. Philadelphia, PA.

Calabrese, C., Ding, J., Millan, B., & Barnett, G. A. (2019, June). The uproar over genome edited babies: A semantic network analysis of CRISPR on Twitter. Paper presented at the *Sunbelt Social Networks Conference of the International Network for Social Network Analysis*. Montréal, Québec.

Calabrese, C. & Zhang, J. (2019, May). How do online virality metrics influence behavioral intention? Understanding the persuasive mechanisms through message evaluation and normative perceptions. Paper presented at the *69th Annual Conference of the International Communication Association*. Information Systems Division. Washington D.C.

Anderton, B. A., **Calabrese, C.**, Millan, B., & Barnett, G. A. (2018, November). The framing of CRISPR through semantic networks. Paper presented at the *2nd North American Social Networks Conference of the International Network for Social Network Analysis*. Washington, D.C.

Calabrese, C. & Zhang, J. (2018, May). Inferring norms from numbers: Effects of virality metrics on message sharing and behavior intentions. Poster presented at the *68th Annual Conference of the International Communication Association*. Health Communication Division. Prague, Czech Republic.

RESEARCH EXPERIENCE

Postdoctoral Fellow, PI: Dr. Dolores Albarracín Social Action Lab, University of Pennsylvania	2021 – Present
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Graduate Student Researcher, PI: Dr. George A. Barnett Perceptions of Gene Editing in Agriculture, University of California, Davis	2018 – 2021
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Graduate Student Researcher, PI: Dr. Jingwen Zhang Communication in Health and Technology Lab, University of California, Davis	2017 – 2021
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TEACHING EXPERIENCE

Department of Communication, University of California, Davis
Associate Instructor

Communication Theories	Summer Session I 2021
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Department of Communication, University of California, Davis
Teaching Assistant

Interpersonal Communication Competence	Summer Session I 2019
Communication Theories	Fall 2018, Winter 2019, Fall 2019
Empirical Methods in Communication	Spring 2019
Theories of Persuasion	Spring 2020
Social Media for Public Relations	Fall 2019
Simulation Methods in Communication	Winter 2020
Persuasive Technologies	Winter 2020

Department of Public Health Sciences, University of California, Davis
Course Reader

Introduction to Public Health	Winter 2016, Spring 2016
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HONORS/FELLOWSHIPS

Dean's Distinguished Graduate Fellowship	2017 – 2021
University of California, Davis	

AWARDS

Department Dissertation Award (\$1,000)	October 2020
Department of Communication, University of California, Davis	

Graduate Student Small Grant (\$500)	March 2020
Department of Communication, University of California, Davis	

Conference Travel Grant (\$800)	May 2019
Department of Communication, University of California, Davis	

ICA Conference Travel Grant (\$200)	May 2018
International Communication Association	

Conference Travel Grant (\$800)	May 2018
Department of Communication, University of California, Davis	

Graduate Student Small Grant (\$500)	March 2018
Department of Communication, University of California, Davis	

MPH Practicum Symposium Top Poster (\$50)	August 2016
Master of Public Health Program, University of California, Davis	

Spirit of the MPH Award (\$50)	May 2016
Master of Public Health Program, University of California, Davis	

SERVICE TO THE DISCIPLINE

Ad-Hoc Reviewer

AIDS and Behavior
 Environmental Communication
 Global Health Promotion
 Journal of Science Communication
 New Media & Society
 Public Understanding of Science
 Science Communication
 The Social Science Journal

American Public Health Association
 International Communication Association
 National Communication Association

Website Officer, Media Team 2020 – Present
 AEJMC ComSHER Division

Student Volunteer 2018 – 2020
 ICA Health Communication Division

SERVICE TO THE UNIVERSITY/DEPARTMENT

Diversity Journal Club Member 2020 – 2021
 Department of Communication, University of California, Davis

Brown Bag Coordinator 2018 – 2019
 Department of Communication, University of California, Davis

Co-Chair, UC Davis Public Health Alumni Association 2016 – 2018
 Department of Public Health Sciences, University of California, Davis

MPH Community Relations and Development Committee Member 2016 – 2018
 Department of Public Health Sciences, University of California, Davis

MPH Admissions Committee Member 2015 – 2016
 Department of Public Health Sciences, University of California, Davis

GSA Public Relations and Events Advisory Committee Member 2015 – 2016
 Graduate Student Association, University of California, Davis

MPH Graduate Student Representative 2015 – 2016
 Graduate Student Association, University of California, Davis

PROFESSIONAL AFFILIATIONS

American Public Health Association (APHA)
 Association for Education in Journalism and Mass Communication (AEJMC)
 International Communication Association (ICA)
 National Communication Association (NCA)

RELATED EXPERIENCE

Graduate Student Assistant, California Department of Public Health - Office of AIDS	2016
Grader, UC Davis, Department of Molecular and Cellular Biology	2015
Intern, UC Davis, Health Education and Promotion	2013 – 2015
Laboratory Student Assistant, UC Davis, Department of Chemistry	2013 – 2015
Laboratory Assistant, Sierra College, Department of Physics	2012

CERTIFICATIONS

Certified Health Education Specialist (CHES)	2016 – Present
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