

Christopher (CJ) Calabrese

Annenberg Public Policy Center
University of Pennsylvania
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ACADEMIC POSITIONS

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

EDUCATION

PhD in Communication 2021
University of California, Davis
Dissertation: Leveraging Online Social Networks for the Adoption of HIV Pre-Exposure Prophylaxis.
Advisor: Dr. Jingwen Zhang

MPH in General Public Health 2016
University of California, Davis
Advisor: Dr. Robert A. Bell

BS in Biochemistry and Molecular Biology 2015
University of California, Davis

PEER-REVIEWED PUBLICATIONS

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

Dai, M., & **Calabrese, C.** (in review). Socio-behavioral factors related to PrEP non-adherence among gay male PrEP users living in California and New York: A behavioral theory informed approach.

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

MANUSCRIPTS IN PREPARATION

Calabrese, C., Keechilot, C., Yu, X., & Zhang, J. Examining the perceptions of HIV pre-exposure prophylaxis (PrEP) on reddit: Identifying barriers and beliefs through online behavioral data analyses.

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.

Calabrese, C., Zhang, J., & Yu, X. Perceptions of HIV pre-exposure prophylaxis on Twitter: Examining beliefs and barriers with the approval of Descovy.

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., & Zhang, J. (2021, November). Small group mobile app intervention to increase HIV pre-exposure prophylaxis intention among gay and bisexual men. Extended abstract accepted 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. Extended abstract accepted to 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

Graduate Student Researcher, PI: Dr. George A. Barnett
Perceptions of Gene Editing in Agriculture, University of California, Davis 2018 – 2021

Graduate Student Researcher, PI: Dr. Jingwen Zhang
Communication in Health and Technology Lab, University of California, Davis 2017 – 2021

TEACHING EXPERIENCE

Department of Communication, University of California, Davis

Associate Instructor

Communication Theories

Summer Session I 2021

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

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

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| Conference Travel Grant (\$800) Department of Communication, University of California, Davis | May 2018 |
| Graduate Student Small Grant (\$500) Department of Communication, University of California, Davis | March 2018 |
| MPH Practicum Symposium Top Poster (\$50) Master of Public Health Program, University of California, Davis | August 2016 |
| Spirit of the MPH Award (\$50) Master of Public Health Program, University of California, Davis | May 2016 |

SERVICE TO THE DISCIPLINE

Ad-Hoc Reviewer

Environmental Communication
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

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| Media Outreach Team Member AEJMC ComSHER Division | 2020 – Present |
| Student Volunteer ICA Health Communication Division | 2018 – 2020 |

SERVICE TO THE UNIVERSITY/DEPARTMENT

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| Diversity Journal Club Member Department of Communication, University of California, Davis | 2020 – 2021 |
| Brown Bag Coordinator Department of Communication, University of California, Davis | 2018 – 2019 |
| Co-Chair, UC Davis Public Health Alumni Association Department of Public Health Sciences, University of California, Davis | 2016 – 2018 |

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| MPH Community Relations and Development Committee Member Department of Public Health Sciences, University of California, Davis | 2016 – 2018 |
| MPH Admissions Committee Member Department of Public Health Sciences, University of California, Davis | 2015 – 2016 |
| GSA Public Relations and Events Advisory Committee Member Graduate Student Association, University of California, Davis | 2015 – 2016 |
| MPH Graduate Student Representative Graduate Student Association, University of California, Davis | 2015 – 2016 |

PROFESSIONAL AFFILIATIONS

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

RELATED EXPERIENCE

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| 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 |

CERTIFICATIONS

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| Certified Health Education Specialist (CHES) | 2016 – Present |
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