Gabriel Varela

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Education

Duke University, PhD, Sociology   2025

Duke University, MA, Sociology   2019

Bowdoin College, B.A, Sociology   2015

Research Interests

Medical Sociology | Network Science | Computational Social Science

Publications

2025

Gabriel Varela. 2025. Undiagnosed: Relational characteristics of mental health pre-diagnostic self-labeling. *Social Science & Medicine*. 369:117725

Aidan Combs, **Gabriel Varela**, Dawn T. Robinson, Lynn Smith-Lovin, and Stephen Vaisey. 2025. "Studying Systematic Deviations from Cultural Consensus about Occupations: The Duality of Occupation Meanings and Americans' Meaning Communities." *Social Networks*

Dana K. Pasquale, Thomas Wolff, **Gabriel Varela**, Jimi Adams, Peter J. Mucha, Brea L Perry, Thomas W Valente, James Moody. 2025. Considerations for Social Networks and Health Data Sharing: An Overview. *Annals of Epidemiology*. 102:28–35

Tom Wolff, **Gabriel Varela**, Jonathan Eastwood. "Balancing Accessibility and Familiarity with Technological Tools in the Introduction of Network Analysis to Undergraduates."
(Under review)

2024

Andrea Knittel, **Gabriel Varela**, Ella G Ferguson, Hannah Hulshul, Jamie B Jackson, James Moody, Adaora A Adimora. 2024. Network determinants of relationship influence on HIV prevention decision-making among people in the social networks of women who have experienced incarceration in the US. *PLoS One*. 19(10):e0312584

Gabriel Varela, David Eagle, Oliver Hess, and David King. "Malcontented ministers: Political mismatch and occupational distress among United Methodist Clergy."
Politics and Religion **(R&R)**

2023

Molly Copeland, Christina Kamis, **Gabriel Varela**. 2023. Pathways from peers to mental health: Adolescent networks, role attainment, and adult depressive symptoms. *Social Science & Medicine*. 324:115859

Aidan Combs, Graham Tierney, Fatima Alqabandi, Devin Cornell, **Gabriel Varela**, Andrés Castro Araújo, Lisa P. Argyle, Christopher A. Bail & Alexander Volfovsky. 2023. Perceived gender and political persuasion: a social media field experiment during the 2020 US Democratic presidential primary election. *Scientific Reports*. 13(1):14051

2022

Gabriel Varela, Kendal Swanson, Dana K Pasquale, Manoj Mohanan, James W Moody. 2022. Visualizing COVID Restrictions: Activity Patterns Before, During, and After COVID-19 Lockdowns in Uttar Pradesh, India. *Socius*. 8:23780231221117962

IN PROGRESS

Gabriel Varela. "Brokered Psychiatry: Core Networks and Psychiatric Self-Diagnosis."
Presented at SSS 2024, Sunbelt 2024, and ASA 2024

Tom Wolff, Jonathan H. Morgan, **Gabriel Varela**, Dana Pasquale, James W. Moody, Peter Mucha. "IDEANet: Integrating Data Exchange and Analysis for Networks."
Presented at Sunbelt 2023

Gabriel Varela, Rebecca Robbins. "Sleep Chronotype and Duration Clustering among College Students."

Teaching and Mentorship

Teaching assistant, "Networks and Management", Duke University.	Spring 2024 ∣ Spring 2025
Finalist, "Bass Connections Mentorship Awards", Duke University.	April 2024
Teaching assistant, "Politics & Polarization", Duke University.	September 2022 - May 2023
Mentor, "Mentor Matching Engine", ISTI.	September 2020 - April 2021
Teaching assistant, "Mapping Controversies", Sciences-Po Paris.	October 2015 – April 2016

Talks

ORGANIZED

Social Networks and Health, *Duke Network Analysis Center*.	Spring 2024
Social Networks and Health, *Duke Network Analysis Center*.	Spring 2023
Social Networks and Health, *Duke Network Analysis Center*.	Spring 2022
Computational Social-Science Speaker Series, *Duke Professional Development Grant*.	Spring 2021 ∣ Fall 2021

PRESENTED

Brokered Psychiatry: Core networks and Psychiatric Self-Diagnosis, *ASA*. Summer 2024

Brokered Psychiatry: Core networks and Psychiatric Self-Diagnosis, *Sunbelt*. Summer 2024

VaryCSS: Workshop on Diversity in Computational Social Science, *Cornell University*. Spring 2024

Brokered Psychiatry: Core networks and Psychiatric Self-Diagnosis, *SSS*. Spring 2024

Undiagnosed: Relational Characteristics of Disability Identification, *ASA*. Summer 2023

IDEANet: Integrating Data Exchange and Analysis for Networks, *Sunbelt*. Summer 2023

IDEANet: Integrating Data Exchange and Analysis for Networks, *Northwestern U*. Summer 2023

Undiagnosed: Relational Characteristics of Disability Identification, *SSS*. Spring 2023

VaryCSS: Introduction, *Howard University*. Summer 2022

Collective Speech Among Addiction Treatment Organizations, *Duke University*. Spring 2021

Collective Speech Among Addiction Treatment Organizations, *UC-Berkeley*. Fall 2021

Grants and Fellowships

Aleane Webb Dissertation Research Fellowship Spring 2024

Department of Sociology Research Grant Spring 2024

Max Planck IMPRS-PHDS Fellow Fall 2023 - Fall 2025

Professional Development Grant Spring 2022 - Fall 2022

Professional Development Grant Spring 2021 - Fall 2021

Summer Research Fellowship for First and Second Year Ph.D. Students Summer 2021

Summer Research Fellowship for First and Second Year Ph.D. Students Summer 2020