Kevin Lewis

Department of Sociology University of California, San Diego 9500 Gilman Drive, 0533 La Jolla, CA 92093-0533 lewis@ucsd.edu

Appointments

2023-	Professor, Department of Sociology, University of California, San Diego
2021-	Faculty Affiliate, Computational Social Science, University of California, San Diego
2018-	Founding Faculty Affiliate, Halıcıoğlu Data Science Institute
2018- 2023	Associate Professor, Department of Sociology, University of California, San Diego
2012- 2018	Assistant Professor, Department of Sociology, University of California, San Diego
2012- 2015	Faculty Associate, Berkman Center for Internet & Society

Education

2012	Ph.D., Sociology, Harvard University
2008	M.A., Sociology, Harvard University
2005	B.A., Sociology and Philosophy with Mathematics Minor, University of California, San Diego (Summa Cum Laude; Sociology Honors with Highest Distinction)

Publications

Lewis, Kevin. In press. "Digital networks: Elements of a theoretical framework." *Social Networks*.

Kitts, James, Helene Grogan, and Kevin Lewis. In press. "Social networks and computational social science." In *The SAGE Handbook of Social Network Analysis (Second Edition)*, edited by J. McLevey, J. Scott, and P. J. Carrington.

Brown, Lauren S. and Kevin Lewis. 2022. "The elementary forms of digital communication." *PLOS ONE* 17:e0273726.

Skrentny, John D. and Kevin Lewis. 2022. "Beyond the 'STEM pipeline': Expertise, careers, and lifelong learning." *Minerva* 60:1-28.

Lewis, Kevin and Jordan Packer. 2020. "The duality of students and faculty: Illustrating the sociological utility of doctoral committee data." Socius: Sociological Research for a Dynamic World 6.

Kenett, Yoed N., Stephen Anderson, Eric Chen, John Michael Kelly, Michael Christian, John Patrick, Laura Huang, Kevin Lewis, and Kurt Gray. 2020. "Clarifying what forward flow is (and isn't): Reply to Rossiter (2020)." *American Psychologist* 75:727-728.

Lewis, Kevin and Andrew V. Papachristos. 2020. "Rules of the game: Exponential random graph models of a gang homicide network." *Social Forces* 98:1829-1858.

Gray, Kurt, Stephen Anderson, Eric Evan Chen, John Michael Kelly, Michael S. Christian, John Patrick, Laura Huang, Yoed N. Kenett, and Kevin Lewis. 2019. "'Forward flow': A new measure to quantify free thought and predict creativity." *American Psychologist* 74:539-554.

Lewis, Kevin and Jason Kaufman. 2018. "The conversion of cultural tastes into social network ties." *American Journal of Sociology* 123:1684-1742.

Jackson, Joshua Conrad, David Rand, Kevin Lewis, Michael I. Norton, and Kurt Gray. 2017. "Agent-based modeling: A guide for social psychologists." *Social Psychological and Personality Science* 8:387-395.

Lewis, Kevin. 2016. "Preferences in the early stages of mate choice." Social Forces 95:283-320.

McFarland, Daniel A., Kevin Lewis, and Amir Goldberg. 2016. "Sociology in the era of big data: The ascent of forensic social science." *American Sociologist* 47:12-35.

Lewis, Kevin. 2015. "Three fallacies of digital footprints." Big Data & Society 2.

Lewis, Kevin. 2015. "How networks form: Homophily, opportunity, and balance." In *Emerging Trends in the Social and Behavioral Sciences*, edited by R. Scott and S. Kosslyn. Hoboken, NJ: John Wiley & Sons.

Lewis, Kevin. 2015. "Studying online behavior: Comment on Anderson et al. 2014." *Sociological Science* 2:20-31.

Pachucki, Mark C. and Kevin Lewis. 2014. "Networks at Harvard University Sociology." Pp. 1113-1122 in *Encyclopedia of Social Network Analysis and Mining*, edited by R. Alhajj and J. Rokne. New York: Springer.

Gray, Kurt, David G. Rand, Eyal Ert, Kevin Lewis, Steve Hershman, and Michael I. Norton. 2014. "The emergence of 'us and them' in 80 lines of code: Modeling group genesis in homogeneous populations." *Psychological Science* 25:982-990.

Lewis, Kevin, Kurt Gray, and Jens Meierhenrich. 2014. "The structure of online activism." *Sociological Science* 1:1-9.

Lewis, Kevin. 2013. "The limits of racial prejudice." *Proceedings of the National Academy of Sciences of the United States of America* 110:18814-18819.

Lewis, Kevin, Marco Gonzalez, and Jason Kaufman. 2012. "Social selection and peer influence in an online social network." *Proceedings of the National Academy of Sciences of the United States of America* 109:68-72.

Lewis, Kevin. 2011. "The co-evolution of social network ties and online privacy behavior." Pp. 91-109 in *Privacy Online: Perspectives on Privacy and Self-Disclosure in the Social Web*, edited by S. Trepte and L. Reinecke. Heidelberg: Springer.

Wimmer, Andreas and Kevin Lewis. 2010. "Beyond and below racial homophily: ERG models of a friendship network documented on Facebook." *American Journal of Sociology* 116:583-642.

Lewis, Kevin, Jason Kaufman, and Nicholas Christakis. 2008. "The taste for privacy: An analysis of college student privacy settings in an online social network." *Journal of Computer-Mediated Communication* 14:79-100.

Lewis, Kevin, Jason Kaufman, Marco Gonzalez, Andreas Wimmer, and Nicholas Christakis. 2008. "Tastes, ties, and time: A new social network dataset using Facebook.com." *Social Networks* 30:330-342.

Grants and fellowships

2015- 2017	"Creativity and the quantification of free thought." Imagination Institute (\$198,769; Kurt Gray, PI).
2014- 2016	"Development of a novel online visual survey data analysis tool and assessment of its capabilities to enhance learning of quantitative research methods." National Science Foundation (\$299,999; Ilya Zaslavsky, PI; Akos Rona-Tas, Co-PI).
2014- 2015	"On the shoulders of giants: Informal networks and scientific production." UCSD Hellman Fellowship (\$35,000).
2014- 2015	"Collaboration and acknowledgment in a scientific community." UCSD Academic Senate General Campus Research Grant (\$7,500).
2013- 2015	"Who leaves and who arrives? Mapping the connections between universities and the science and engineering workforce." National Science Foundation (\$102,387; John Skrentny, PI).

2013	"Falling behind, moving up or moving out? Worker training in science and engineering." Alfred P. Sloan Foundation (\$113,940; John Skrentny, PI).
2011- 2012	Fellowship at the Berkman Center for Internet & Society, Harvard University.
2011- 2012	Graduate Society Dissertation Completion Fellowship. Graduate School of Arts and Sciences, Harvard University (\$29,112).
2008- 2010	"Social networks and online spaces: A cohort study of American college students." National Science Foundation (\$170,129; Jason Kaufman, PI; Andreas Wimmer and Nicholas Christakis, Co-PIs).
2007	Travel Grant. Institute for Quantitative Social Science, Harvard University (\$2,000).
Honors and	d awards
2018	Mentor of the Year (Honorable Mention). Department of Sociology, University of California, San Diego.
2015	Paper Award (Honorable Mention) for "The limits of racial prejudice." Communication and Information Technologies Section, American Sociological Association.

2014 Best Social Cognition Paper Award for "The emergence of 'us and them' in 80

lines of code: Modeling group genesis in homogeneous populations."

International Social Cognition Network.

- 2012 Outstanding Article Award for "Beyond and below racial homophily: ERG models of a friendship network documented on Facebook." Mathematical Sociology Section, American Sociological Association.
- 2012 Paper Award (Honorable Mention) for "Social selection and peer influence in an online social network." Communication and Information Technologies Section, American Sociological Association.
- 2012 Best Student Paper Award for "Social selection and peer influence in an online social network." International Network for Social Network Analysis (\$2,500).
- 2011 Best Student Paper Award (Honorable Mention) for "An ecological approach to cultural tastes and social network evolution." International Network for Social Network Analysis.

2010, 2011	Nominee for <i>John R. Marquand Award for Exceptional Advising and Counseling</i> . Harvard University.
2008, 2010	Nominee for Joseph R. Levenson Memorial Teaching Prize. Harvard University.
2008, 2009	Undergraduate Teaching Award. Harvard University.
2005	Top Graduating Sociology Major. University of California, San Diego.
2005	Inductee, Muir College Caledonian Society. University of California, San Diego.

Presentations

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*Invited	
2023	"Online dating and the genesis of assortative mating." Social Psychology Brown Bag, Department of Psychology, University of California, San Diego.*
2019	"Digital ecologies." Network Ecology Mini-Conference, Stanford University.*
2019	"Race, online dating, and digital footprints." Colloquium Series, Department of Sociology, Texas A&M University.*
2019	"Agency and structure in the genesis of network segregation."
	 Network Dynamics in Society, Culture, and Politics: Crowds and Cooperation Symposium, CUNY Initiative for the Theoretical Sciences.* Workshop on the Frontiers of Network Science, NYU Abu Dhabi.* Networks and Time Workshop Series, Interdisciplinary Center for Innovative Theory and Empirics, Columbia University.*
2019	"The promise and peril of data science: What online dating can (and can't) tell us about human mating." Society as Data Symposium, Waseda University.*
2019	"Social networks and cultural tastes." Berkeley Haas Culture Conference, Haas School of Business.*
2017- 2018	"The social science of online dating."
	Seminar Series, Department of Sociology, Boston University.*

- Seminar Series, Department of Sociology, Boston University.
- Seminar Series, Duke Population Research Institute.*
- 2017 "Beyond autocorrelation: Provocations for the study of tastes and networks." Annual Meeting of the American Sociological Association, Montréal, Québec.*

2017 "The emperor's new clothes: Why social network analysts don't need, can't handle, and shouldn't want big data." Computational Sociology Working Group, Department of Sociology, University of California, Los Angeles.* 2017 "On the shoulders of giants: Informal networks and scientific production." Jensen Lecture Series, Department of Sociology, Duke University.* Author, Theory Section Author Meets Critics Session: "Big data/big theory," with 2016 Julia Potter Adams, Hannah Brueckner, Amir Goldberg, Timothy Hannigan, Monica Lee, Daniel A. McFarland, and John Levi Martin. Annual Meeting of the American Sociological Association, Seattle, WA.* 2016 "Disentangling religious homophily in adolescent friendship networks," with Harrison Carter. International Sunbelt Social Network Conference, Newport Beach, CA. Annual Meeting of the American Sociological Association, Seattle, WA. "The conversion of cultural tastes into social network ties," with Jason Kaufman. 2015 Annual Meeting of the American Sociological Association, Chicago, IL. 2015 "Collaboration and acknowledgment in a scientific community." International Sunbelt Social Network Conference, Brighton, UK. 2014-2015 "The genesis of homogeneity in mating patterns." MORS Colloquium, Haas School of Business.* Organizations and Management Seminar Series, Yale School of Management.* Wednesdays@NICO Seminar, Northwestern Institute on Complex Systems.* Organizational Behavior Seminar, Stanford Graduate School of Business.* 2015 "Ethnic dating and mate selection," with Cynthia Feliciano. Spring Seminar Series, Center for Comparative Immigration Studies, University of California, San Diego.* "The structure of online activism," with Kurt Gray and Jens Meierhenrich. 2014-2015

- > International Sunbelt Social Network Conference, St. Pete Beach, FL.
- Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.

2014	"Determinants of training in STEM careers," with John Skrentny. Annual Meeting of the American Sociological Association, San Francisco, CA.				
2014	"Big data and big ERGMs: The dangers of computational social network analysis New Computational Sociology Conference, Stanford University.*				
2014	"Social psychology and social networks." Organizational Research Group, Department of Psychology, University of North Carolina, Chapel Hill.*				
2013	"Online and offline social networks." Annual Meeting of the American Sociological Association, New York, NY.*				
2013	"The limits of racial prejudice."				
	Social Psychology Brown Bag Series, Department of Psychology, University of Southern California.*				
	Family Working Group, Department of Sociology, University of California,				
	Los Angeles.* Annual Meeting of the American Sociological Association, New York, NY.				
2013	"The technology of the timeless: How online dating is changing mate selection." Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.				
2011- 2012	"Social selection and peer influence in an online social network," with Marco Gonzalez and Jason Kaufman.				
	 Annual Meeting of the American Sociological Association, Las Vegas, NV. Conference on Quantifying Social Fields, University of California, Berkeley.* 				
2012	"Strategy and opportunity in online dating." International Sunbelt Social Network Conference, Redondo Beach, CA.				
2011- 2012	"Mate choice in an online dating site."				
	 International Sunbelt Social Network Conference, St. Pete Beach, FL. Berkman Center for Internet & Society, Harvard University.* 				
2011- 2012	"Stratification in the early stages of mate choice."				
	Digital Seminar Series, Harvard Business School.*				

Computational Social Science Initiative Seminar Series, University of Massachusetts, Amherst.*

- Department of Sociology, University of California, San Diego.*
- Department of Sociology, University of California, Berkeley.*
- Department of Sociology, Cornell University.*
- 2011 "Inequality in a romantic market." Annual Meeting of the American Sociological Association, Las Vegas, NV.
- 2011 "Rules of the game: Generalized exchange and dominance hierarchies in a gang homicide network," with Andrew Papachristos. International Sunbelt Social Network Conference, St. Pete Beach, FL.
- 2009 "How cultural tastes shape personal networks II: An ecological approach to social network evolution," with Jason Kaufman. Annual Meeting of the American Sociological Association, San Francisco, CA.
- 2009 "Explaining hetero-phily and -phobia: ERG models of a friendship network based on Facebook.com," with Andreas Wimmer. Annual Meeting of the American Sociological Association, San Francisco, CA.
- 2009 "Narcissism and social networks: An empirical study of loops." International Sunbelt Social Network Conference, San Diego, CA.
- 2009 "Heterophily in network dynamics," with Andreas Wimmer. International Sunbelt Social Network Conference, San Diego, CA.
- 2008 "Beyond racial homophily: An analysis of social network formation among college students," with Andreas Wimmer. International Sunbelt Social Network Conference, St. Pete Beach, FL.
- 2007 "Tastes, ties, and time: New data using social network Internet sites," with Jason Kaufman. Annual Meeting of the American Sociological Association, New York, NY.

Teaching

University of California, San Diego Sociology 120T: Love 2023-2015-Sociology 70: General Sociology for Pre-Medical Students 2014-Sociology 209: Social Networks 2013-Sociology 122: Social Networks 2012-2021 Sociology 205: Quantitative Methods I 2020 Sociology 1: Introduction to Sociology 2018-2019 Sociology 87: Relationships in the Digital Age 2014-2018 Sociology 102: Network Data and Methods

2013- 2014 Sociology 108: Survey Research Design

Harvard University

2009- 2011 Sociology 97: Tutorial in Sociological Theory (Head Teaching Fellow)

2007- 2009 Sociology 97: Tutorial in Sociological Theory (Instructor)

2008 Sociology 153: Media and the American Mind (Teaching Fellow)
2007 Sociology 67: Visualizing Social Problems (Teaching Fellow)

Advising

Doctoral Committee Member, University of California, San Diego

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Ongoing Ross Graham†
Ongoing Sherry Jiang (Psychology)
Ongoing Bernardo Mackenna

Ongoing Germano Ribeiro

Ongoing Zayne Sember (Political Science)
Ongoing Tarang Tripathi (Education Studies)
Ongoing Ziwen (Gary) Zu (Political Science)

Colin Burke, "Watching the watchers: Surveillance in the United States"*
Catherine Crowder, "How gender transforms, yet persists in shaping sacred

authority: The case of the Episcopal Church U.S.A."

2022 Kirk Rogers, "Centering the 'M' in STEM: A critical examination of Black students'

experiences with secondary math in an urban district" (Education Studies)

2022 Brian Willis, "Diversification: Middle states, security institutions, and the shadow

of great power rivalry" (Political Science/International Affairs)

2020 Harrison Carter, "The cultural gravity of a neighborhood temple: Lay practice and

temple Buddhism in contemporary Shanghai"

Daniel Davis, "The ventured student: Impacts of university startup culture"
Ayal Chen-Zion, "Networks in labor markets and information" (Economics)
Travis Brayak, "Effects of matching in economics: Social networks and the

marriage market" (Economics)

Field Exam Committee Member, University of California, San Diego

*Field Papers

2023	Hart Hornor-Jones, Culture
2022	Mariana Lopez, Social Psychology
2020	Ross Graham, Social Networks
2017	Colin Burke, Social Networks
2016	Cory Caswell, Culture
2016	Angela McClean, Social Movements
2015	Harrison Carter, Field Theory and Relational Sociology/Sociology of Religion*
2015	Daniel Davis, Social Movements/Sociology of Education*

M.A. Thesis C 2014	Committee Member, University of California, San Diego Hillary Kosnac, "One step in and one step out: The lived experience of the Deferred Action for Childhood Arrivals program" (Latin American Studies)
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Honors Thesis	s Advisor, University of California, San Diego
2020	Triston Bowe, "Generational status and career development in college"
2020	Thi Nguyen, "Come together, right now (over Tinder): How online mediums change the dating process"
2019	Jodie Koh, "The culture of collaboration in Malaysian workplaces"
2019	Laura Wilson, "Men's rights culture and the power of the manosphere: Ideology
2010	formation in the internet age"
2018	Omar Jimenez, "The few, the proud, the stigmatized: Boundary formation and intra-group stigma formation within the veteran population of a community college"
2018	Lindsay Jones, "#Follow4follow: A cross-platform analysis of interpersonal ties in
2016	social media"
2018	Jordan Packer, "The honors distinction" (<i>Outstanding Academic Paper Award</i> , Department of Sociology)
2017	Megan Finch, "The parent trap: How college students perceive their parents'
2017	divorce to impact their behavior and identity in romantic relationships"
	(Outstanding Academic Paper Award, Department of Sociology; Second Place,
	Undergraduate Library Research Prize, Social Sciences, Arts, and Humanities)
2016	Jenny Woo, "Meanings of masturbation: A comparison of male and female
2010	college students' attitudes about self-pleasure" (Outstanding Academic Paper
	Award, Department of Sociology)
2015	Kelsey Currier, "Primary prevention for sexual violence: Why strong ties, social
	networks, and safe spaces are essential"
2015	Emma Schlueter, "Implementing Common Core in a Title I school district:
	Inequality, systemic strategies, and the conditions for successful education reform"
2015	Cierra Sorin, "Talking about sex: The importance of sexual discussion networks
	and education for college students' sexual attitudes and behaviors"
2014	Nicole Horton, "Parenting practices affecting toddler peer tie formation"
2013	Arash Najibfard, "Patient internet use: Benefits, disadvantages, and effects on
	the doctor-patient relationship"
2013	Jesse North, "National and sexual conflict in e-sports"
Senior Thesis	Advisor, Harvard University
2011	Lauren Brown, "The presentation of self in digital life" (James A. Davis Prize for
	an exemplary thesis in sociology; Thomas Temple Hoopes Prize)
2011	George Zisiadis, "A community of strangers: How CouchSurfing represents a new model for scalable giving"
2010	Stephanie Miller, "Controlling creativity: Organizational forms of charter schools"
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Senior Thesis First Reader, Harvard University

2009 Blake Johnson, "Gauging the gay gaze: Gaydar as a sociological dramaturgy of

sexual orientation"

2009 Kindra Mason, "Facebook stalkers and their friends: The impact of online social

network sites on face-to-face interaction (Albert M. Fulton Prize for the best

thesis in the field of sociology)

Service

...to the public 2019 Radio Guest, Midday Edition: "New studies link Facebook addiction to poor health and bad decision making," KPBS 2018 Speaker, Suds & Science: "Online dating," Fleet Science Center 2015 Radio Guest, RN Drive: "It's all academic: Social networks," Australian Broadcasting Corporation 2013 "Subject Matters" Guest: The Few, The Old Globe Theatre 2013 TV (Evening Edition) and Radio (Midday Edition) Guest: "How to make online dating less segregated, in one easy step," KPBS

...to the department

Undergraduate Program Committee
Sociology Representative, Computational Social Science Steering Committee
Colloquium Committee
Faculty Website Liaison
Alternate Representative to Academic Senate
Graduate Program Committee
Undergraduate Program Committee
Junior Faculty Search Committee
ELCE Faculty Representative
Junior Faculty Search Committee
Website Design Committee
Colloquium Committee (Coordinator 2014- 2015)
Graduate Program Committee
Graduate Admissions Committee
Concentration Advisor (Harvard University)
Junior Faculty Search Committee (Harvard University)
Departmental Writing Fellow (Harvard University)
Graduate Admissions Committee (Harvard University)

...to the university

2020- 2022	Guest Speaker, Muir College Honors Seminar
2020- 2021	Reviewer for the Triton Research and Experiential Learning Scholars Program
2020- 2021	Hellman Fellows Selection Committee
2018- 2021	Social Sciences Representative, Muir College Faculty Executive Committee

2012- 2018	Faculty Advisory Board, Center for Comparative Immigration Studies
2018	Participant, Muir College Faculty Quarterly Program: Faculty Bingo
2017	Faculty Presenter, Revelle College Transfer Student Orientation Session
2017	Guest Speaker, Roosevelt College Freshman Honors Seminar
2014- 2016	Panelist, Transfer Connect and Success Program
2016	Speaker, Muir College Faculty Quarterly Program: "How networks form"
2016	Alumnus Speaker, Muir College Caledonian Banquet
2015	Speaker, Family Weekend: "The social science of online dating"
2015	Faculty Guest, Teatime with Faculty, UCSD BioScholars Program
2012- 2014	Guest Speaker, Muir College Freshman Honors Seminar
2014	Discussant, Social Sciences Supper Club: "Big data and the next ten years"
2014	Speaker, TEDxUCSD: "People worth listening to (and what they talk about)"
2014	Panelist, Muir College event on romance, dating, and technology
2014	Guest Speaker, Music 205: Focus on Integrative Studies
2013	Speaker, Scholars Society Overnight Stay Program
2013	Keynote Speaker, Muir College New Leaders Conference
2012	Panelist, AVID visit to Muir College
2009- 2012	Resident Tutor, Currier House (Harvard University)

...to the profession

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2017-	Consulting Editor, Sociological Science
2020- 2023	Council, Mathematical Sociology Section
2023	Chair, Mathematical Sociology Harrison White Outstanding Book Award
	Committee
2022	Chair, Mathematical Sociology Outstanding Article Publication Award Committee
2018- 2020	Sociology Advisory Panel, National Science Foundation
2016- 2018	Consulting Editor, American Journal of Sociology
2018	Mathematical Sociology Outstanding Graduate Student Paper Award Committee
2017	Mathematical Sociology Outstanding Dissertation-in-Progress Award Committee
2017	Organizer, Thematic Session: "How technology is changing social relationships."
	Annual Meeting of the American Sociological Association, Montréal, Québec.

Reviewer for: American Journal of Sociology; American Sociological Review; Big Data & Society; Computer Communications; Connections; European Sociological Review; Information, Communication and Society; Information Systems Research; Journal of Communication; Journal of Computer-Mediated Communication; Journal of Research on Adolescence; Management Science; National Science Foundation; Network Science; New Media & Society; Perspectives on Psychological Science; PLOS ONE; Poetics; Proceedings of the National Academy of Sciences of the United States of America; Qualitative Sociology; SAGE; Science; Social Forces; Social Networks; Social Problems; Social Psychological and Personality Science; Social Psychology Quarterly; Social Science and Medicine; Social Science Research; Sociological Forum; Sociological Methods and Research; Sociological Science; Sociological Theory; Sociology of Education; Socius; The Sociological Quarterly; Time-Sharing Experiments for the Social Sciences.

Professional affiliations

American Sociological Association

- > Communication, Information Technologies, and Media Sociology Section
- Culture Section
- > Family Section
- Mathematical Sociology Section
- Social Psychology Section

International Network for Social Network Analysis

Society for Sociological Science