Department of Sociology,
Box 90088,
Duke University,
Durham, NC 27708.

(949) 212-5070
taylor.w.brown@duke.edu
taylorwhittenbrown.com

TAYLOR W. BROWN

education

Ph.D Candidate Sociology, Duke University (expected 2021)
Duke Network Analysis Center, Affiliate (2014-Present)
New York University, Research Fellow – Sociology w/ Paul DiMaggio (2018-2019)
Columbia University, Visiting Student – INCITE w/ Peter Bearman (2017-2018)

M.A., Sociology, University of North Carolina - Chapel Hill

M.Sc., Evidence-based Social Intervention, University of Oxford
Mark of Distinction on thesis, degree emphasis in experimental methods

B.A., Humanities-Philosophy minor Sociology, Brigham Young University
Magna Cum Laude

interests

computational social science, inequality, culture, gender, markets

dissertation

"Qualities or Inequalities?: A Large-scale Study of Status, Gender, and Valuation in the Contemporary Art Market."
Committee: Chris Bail & James Moody (co-chairs), Mor Naaman, Martin Reuf, Lynn Smith-Lovin
Ch. 1 - Product Qualities or Producer Inequalities: a machine learning approach to gender disparity in the Contemporary art market
Ch. 2 - Similarly Different: an experiment in group-based status and the role of recommendation algorithms in reproducing gender inequality in online markets
Ch. 3 - Transitive networks provide success for women in the contemporary art market

academic employment

Facebook, Core Data Science - Intern (Fall 2019 & 2020)
with Winter Mason, Washington D.C.

Summer Institute in Computational Social Science (SICSS)
Organizer, NYU & Milan (2020, postponed due to COVID-19)
Organizer, Oxford University (2019)
Traveling TA, Duke University (2018)
Teaching Assistant, Princeton University (2017)

National Science Foundation, Division of Social and Economic Sciences
Science Assistant (2012 - 13)
Programs: Economics, Decision and Risk Management, Science of Organizations

publications   *Peer-Reviewed Journal Articles*

Christopher Bail, Taylor Brown, and Andreas Wimmer (2019). "Power, Proximity, and Prejudice: A Tardean Analysis of the Global Diffusion of Google Search Terms." *American Journal of Sociology*, 124:5.

     * *Primary analyses on longitudinal Google Trends data*

Christopher Bail, Lisa Argyle, Taylor W Brown, John Bumpuss, Haohan Chen, Mary-Beth Fallin Hunzaker, Jaemin Lee, Marcus Mann, Friedolin Merhout (2018). "Exposure to Opposing Views can Increase Political Polarization: Evidence from a Large-Scale Field Experiment on Social Media." *Proceedings of the National Academy of Sciences*, 201804840.

     * Paul Lazarsfeld Best Paper Award, American Political Science Association (APSA 2019)

     ** Primary analyses on longitudinal Twitter data

Christopher Bail, Taylor Brown, and Marcus Mann (2017). "Channeling Hearts and Minds: Advocacy Organizations, Cognitive-Emotional Currents, and Public Conversation on Social Media." *American Sociological Review*, 26:2, pp. 1188-1213.

     * Best Article, ASA, Communication, Information Technologies, and Media Sociology, 2018

     * Honorable Mention, ASA, Distinguished Contribution to Political Sociology, 2018

     ** Primary analyses on longitudinal Facebook data

Taylor Brown and Jini Roby (2015). "Exploitation of Intercountry Adoption: Toward Common Understanding and Action. *Adoption Quarterly*, 19:2, pp. 63-80(18).

Taylor Brown, Felix Van Urk, Evan Mayo-Wilson, and Rebecca Waller (2014) "Centre-based Day Care for Children Under-5 and their Families in Low- and Middle-income Countries (A Systematic Review)." *Cochrane Database of Systematic Reviews* 9:CD010543, Impact Factor: 6.103. Pre-registration.

Felix Van Urk, Taylor Brown, Evan Mayo-Wilson, and Rebecca Waller (2014). "Centre-based Day Care for Children Under-5 and their Families in High-income Countries (A Systematic Review)." *Cochrane Database of Systematic Reviews* 9:CD010544, Impact Factor: 6.103. Pre-registration.

Book chapters

Jini Roby and Taylor Brown. 2015. "Birth Parents as Victims of Trafficking in Intercountry Adoption" in *The Intercountry Adoption Debate: Dialogues Across Disciplines*, edited by Ballard B, Goodno N, Cochran R, Milbrandt J. Newcastle: Cambridge Scholars Publishing.

Reports & Magazines

Taylor Brown. 2019. "Why Is Work by Female Artists Still Valued Less Than Work by Male Artists" in the Art Market 2019.
*Syndicated on Artsy.net, https://bit.ly/2IOFu4l

working papers

w/ Winter Mason. "The effect of exposure to negative civic content on civic engagement online - A comment ranking study of Facebook users."

w/ Xiao Ma. "AI-Mediated Social Exchange Theory", arXiv draft.

w/ Christina Kamis, Tyson Brown, Heather Farmer, Sam Fishman, Allison Stolte, Jessie West. "The Role of Overcrowding in COVID-19 Racial Disparities in the United States."

w/ Fabien Accominotti. "Judgment Dimensions and Valuation of Creative Products: a pair-wise comparison experiment."

presentations

Oxford University, Nuffield College, Sociology Workshop, April 2020 (postponed due to COVID-19): *Dissertation Research*.

CHI2020 Workshop for Fair & Responsible AI (co-author presented): *"AI-Mediated Social Exchange Theory"*, w/ Xiao Ma.

Armory Show, panel discussion, New York City, March 2020: *"Can Data Help Make the Art World More Equitable?"*

Academy of Management, Boston, August 2019 (invited): *"Symposium: Conceptualizing and Measuring Outcomes in Creative Industries Research"*.

WZB Berlin Social Science Center, Berlin, December 2018: *Dissertation Research*.

European Symposium on Societal Challenges in Computational Social Science, Cologne, December 2018: *Textnets Tutorial*, w/ Friedolin Merhout and Marcus Mann.

Sociology Culture Workshop, New York University, October 2018: *Dissertation Research*.

Sociology Culture and Politics Workshop, University of North Carolina - Chapel Hill, October 2018: *Dissertation Research*.

Harvard Conference on Applied Computational Text Analysis, Cambridge, May 2018: *Dissertation Research*.

European Symposium on Societal Challenges in Computational Social Science, London, November 2017: *Dissertation Research*.

ASA: Section on Development's Health and Inequalities around the Globe, 2017: *"When Power Hurts: Community Norms of Masculinity and the Protective Influence of Female Empowerment Against Intimate Partner Violence in 44 Developing Countries"*

ASA, 2015 (co-author presented): *"Winning Hearts and Minds: Advocacy Groups, Field Rhythms, and Social Media Bystanders"*, with Chris Bail and Marcus Mann.

ASA, 2015 (co-author presented): *"The Effect of the Global Campaign Against Intimate Partner Violence on Individuals' Attitudes in 37 Countries, 1998-2014"*, with Jeffrey Swindle.

Brown University, 2014 (co-author presented): *"The Effect of the Global Campaign Against Intimate Partner Violence on Individuals' Attitudes in 37 Countries, 1998-2014"*, by Jeffrey Swindle.

International Forum on International Adoption & Global Surrogacy, ISS, The Hague Netherlands, 2014: *"Illicit Intercountry Adoption Practices: Sale of Children or Trafficking in persons?"*, with Jini Roby.

International Social Work Conference on Children and Youth (co-author presented): *"Illicit Intercountry Adoption Practices: Sale of Children or Trafficking in persons?"*, with Jini Roby.

Intercountry Adoption Conference, Pepperdine University, 2013: *"Intercountry Adoption – When and to Whom Does 'Trafficking' Apply?"*

Symposium Humanitatum, Brigham Young University, 2008: *"The Hegelian Poe."*

grants & honors

Katherine Goodman Stern Fellowship, Duke University, $24,300
Competitive fellowship for advanced graduate students.

James B. Duke Fellow, Duke University, $20,000
Awarded by the Graduate School to Outstanding PhD Students.

Gender Research Travel Grant, $500 (declined)
Awarded by the Program in Gender, Sexuality and Feminist Studies.

Mark of Distinction on Master's thesis, University of Oxford.

Abrelia Clarissa Seely Hinckley Scholar, Brigham Young University.
Most prestigious undergraduate fellowship for academic excellence and public service.

Full academic scholarship and Magna Cum Laude, Brigham Young University.

academic service

American Sociological Association, Student Rep, Methodology (2018-20)

Founder: varycss.org (w/ Tina Law)

Instructor: Large-scale Text Analysis, Summer Institute in Computational Social Science, Oxford University (2019)

Teaching Assistant: Data Science and Society (Prof Chris Bail); Intro to Sociology (Prof Chris Bail); United States Poverty and Public Policy (Prof Kathy Harris)

Course Aid: Graduate Statistics, (Prof Scott Lynch); BASS Connections-Scientific Social Network Analysis Project (Prof Jim Moody)

Research Assistant: Jim Moody (2016-19); Christopher A. Bail (2013-19); Steve Vaisey (2015-17); Neal Caren (2013)

Journal Reviewer: American Sociological Review; American Journal of Sociology; British Journal of Social Work; Systematic Reviews; Social Psychology and Personality Science; International Journal of Comparative Sociology

Senator: UNC Graduate and Professional Student Federation, Chapel Hill (2014-15)

Interviewer: Conducted structured interviews with teachers, children, and chiefs in over 70 rural villages of Ghana for an international NGO

NYC Computation Social Science Happy Hour, a monthly event co-organized w/ Xiao Ma & George Berry

skills

Languages: R, Python, Stata, SQL, MongoDB*, JavaScript*, CSS*, HTML*

Methods/Skills: Multivariate and Multilevel Statistics, Network Analysis, Machine Learning, Natural Language Processing (e.g. Structural Topic Models), Embedding models, Web-scraping, APIs, Experimental design, Survey design * *indicates basic skill-level.*