

AJ ALVERO

ajalvero@cornell.edu – @aj_alvero – www.ajalvero.com

ACADEMIC APPOINTMENTS

Cornell University

2024 –

Assistant Research Professorship, Center for Data Science for Enterprise and Society [[Link](#)]

Departmental Affiliations: Information Science & Computer Science

Courtesy Appointment, Sociology

Faculty Affiliate:

Stanford University Pathways Network [[Link](#)]

Cornell University Population Center

Cornell University Center for Social Sciences

Cornell University Center for the Study of Inequality

Future of Learning Lab

University of Florida

January 2023 – 2024

Assistant Professor, Department of Sociology and Criminology & Law

Co-Director, Computational Social Science Lab

AI² Center Faculty Affiliate

Informatics Institute Faculty Affiliate

Visiting Fellow, University of Miami Frost Institute for Data Science and Computing

EDUCATION

PhD, Sociology of Education & Education Data Science

2022

Stanford University

“Language, Culture, and Systems of Evaluation: Computational Analyses of College Admissions Essays”

Mitchell L. Stevens, Benjamin W. Domingue, Anthony Lising Antonio, Francis Pearman, Jeremy Freese

[Coursework in Race, Inequality, & Language in Education](#)

Graduate Certificate in Computational Social Science

2021

Stanford University Center for Computational Social Science

MS, Statistics

2021

Stanford University

MS, Foreign Language Education

2016

Florida International University

[Thesis](#)

BA, English Literature

2012

University of Miami

Minor in Modern Languages (Spanish & Haitian Creole)

RESEARCH & WRITING

Papers are either open access, available on my [personal website](#), or available upon request.

* denotes equal authorship

† denotes undergraduate or masters student at time of writing

◇ denotes doctoral student at time of writing

♣ denotes papers where I played a senior or corresponding authorship role

Articles

- Forth. Alejandra Regla-Vargas, **AJ Alvero**, Hajar Yazdiha. “Racial Framing Contests: How Anti-Asian Racism and its Resistance Enacted Racial Projects During COVID-19” [Preprint] *Big Data & Society*
- 2026 **AJ Alvero***, Dustin Stoltz*, Oscar Stuhler*, Marshall Taylor*. “Generative AI in Sociological Research: State of the Discipline” *Sociological Science* [Paper] [Preprint] [Code/Data]
- 2025 Marissa E. Thompson, Sam Trejo, **AJ Alvero**, Daphne Martschenko. “Policing the boundaries of Blackness: How Black and White Americans evaluate racial self-identifications” *American Journal of Sociology* [Paper] [Preprint] [Preregistration]
- 2025 Jadon Geathers, **AJ Alvero**, René Kizilcec. “ChitterChatter: Curriculum-Aligned AI Speaking Partners for Language Learning Classrooms” *ACM Conference on Learning @ Scale* [Paper]
- 2025 Haley Lepp[◊], **AJ Alvero**. “Linguistic Affordances Framework: A linguistic-sociological approach for the social study of language technology” *Social Science Computer Review* [Paper] [Preprint]
- 2025 **AJ Alvero**, Quentin Sedlacek, Maricela León[◊], Courtney Peña. “Digital Accents, Homogeneity-by-Design, and the Evolving Social Science of Written Language” *Annual Review of Applied Linguistics* [Paper] [Preprint]
- 2025 Simone Zhang, Janet Xu, **AJ Alvero**. “Generative AI Meets Open-Ended Survey Responses: Participant Use of AI and Homogenization” *Sociological Methods & Research* [Paper] [Preprint] [Code/Data]
- 2025 Kristen Bell, Jenny Hong, Catalin Voss, Graham Todd[◊], **AJ Alvero**. “Using Machine Learning to Scrutinize Parole Release Hearings” *Berkeley Technology Law Journal* [Paper]
- 2024 **AJ Alvero**, Jinsook Lee[◊], Alejandra Regla-Vargas, René Kizilcec, Thorsten Joachims, anthony lising antonio. “Large Language Models, Social Demography, and Hegemony: Comparing Authorship in Human and Synthetic Text” *Journal of Big Data* [Paper] [Preprint]
- 2024 **AJ Alvero***, Sonia Giebel*, Francis A. Pearman. “Income and Campus Application Disparities Among European and Non-European Heritage Hispanic Undergraduate Applicants” *PNAS Nexus* [Paper] [Preprint] [Data]
- 2024 **AJ Alvero**, Rebecca Pattichis[†]. “Multilingualism and Mismatching: Spanish Language Usage in College Admissions Essays” *Poetics* [Paper] [Preprint]
- 2024 David J.X. Gonzalez, Brooke Staley, (**AJ Alvero** and 13 other co-authors). “Representation and inclusion among members and affiliates of the Society for Epidemiologic Research: Findings from a 2021 survey” *American Journal of Epidemiology* [Paper] [Preprint]
- 2024 **AJ Alvero**, Courtney Peña, Amber R. Moore, Leslie Luqueño[◊], Cisco Barron, Latishya Steele, Stevie Eberle, Crystal Botham. “Time to degree, identity, and grant writing: Lessons learned from a mixed-methods longitudinal case study of biosciences PhD students” *SAGE Open* [Paper]
- 2023 **AJ Alvero**, Courtney Peña. “AI Sentience and Socioculture” *Journal of Social Computing* [Paper]
- 2022 Sonia Giebel, **AJ Alvero**, Ben Gebre-Medhin, anthony lising antonio. “Signaled or Suppressed? How Gender Informs Women’s Undergraduate Applications in Biology and Engineering” *Socius* [Paper] [Code/Data]

- 2022 **AJ Alvero**, Jasmine Pal^{*†}, Katelyn M. Moussavian^{*†}. “Linguistic, Cultural, and Narrative Capital: Computational and Human Readings of Transfer Admissions Essays” *Journal of Computational Social Science* [Paper] [Code/Data]
- 2022 Ben Gebre-Medhin, Sonia Giebel, **AJ Alvero**, anthony lising antonio, Benjamin W. Domingue, Mitchell L. Stevens. “Application essays and the ritual production of merit in US selective admissions.” *Poetics* [Paper]
- 2022 Stephanie Tena-Meza[†], Miroslav Suzara, **AJ Alvero**[♣]. “Coding with Purpose: Learning AI in Rural California.” *ACM Transactions on Computing Education* [Paper]
- 2021 **AJ Alvero**, Sonia Giebel, Ben Gebre-Medhin, anthony lising antonio, Mitchell L. Stevens, Benjamin W. Domingue. “Essay Content and Style are Strongly Related to Household Income and SAT Scores: Evidence from 60,000 Undergraduate Applications.” *Science Advances* [Paper] [Code/Data]
- 2020 Noa Arthurs[†], **AJ Alvero**[♣]. “Whose Truth is the “Ground Truth”? College Admissions Essays and Bias in Word Vector Evaluation Methods.” *Proceedings of the 13th International Conference on Educational Data Mining* [Paper]
- 2020 **AJ Alvero**, Noa Arthurs[†], anthony lising antonio, Benjamin W. Domingue, Ben Gebre-Medhin, Sonia Giebel, Mitchell L. Stevens. “AI and Holistic Review: Informing Human Reading in College Admissions.” *Proceedings of the AAAI/ACM Conference on AI, Ethics, and Society* [Paper]

Book Chapters

- 2026 Sebastian Munoz-Najar Galvez, Jinsook Lee[◊], **AJ Alvero**, Amy Desiderio[◊], René Kizilcec, Sheridan Stewart. “Artificial Communication and Media Realism for College Admissions”. Pp. xxx in “*The Digitized Campus: Artificial Intelligence and Big Data in Higher Education*”. ed. Frank Fernandez, Neal Hutchens, Rachel Dean, Vanessa Miller, Brandi Hepner LaBanc. Albany: SUNY Press
- 2023 **AJ Alvero**. “Sociolinguistic Perspectives on Machine Learning with Text Data”. Pp. 79-97 in *The Oxford Handbook of the Sociology of Machine Learning*. ed. Christian Borch and Juan Pablo Pardo-Guerra. Oxford: Oxford University Press. [Chapter] [Open Access] [Data] [Preprint]

Under Review

Marissa E. Thompson, **AJ Alvero**, Sama Trejo, Daphne Martschenko. ““They have Black in their Blood”: Experimental evidence on the situational deployment of racial schemas”

Hansol Lee, **AJ Alvero**, Thorsten Joachims, René Kizilcec. “Does Algorithmic Uncertainty Sway Human Experts? Evidence from a Field Experiment in Selective College Admissions” [Preprint]

AJ Alvero, Ruohong Dong[◊], Clint Kanopka, David Nathan Lang. “Algorithmic Tradeoffs, Applied NLP, and the State-of-the-Art Fallacy” [Preprint]

AJ Alvero, anthony lising antonio, Leslie Luqueño[◊], Francis A. Pearman. “The Death of the Author, Reconsidered: Spatial and Demographic Constraints on College Admissions Essay Writing” [Preprint]

Alejandra Regla-Vargas, **AJ Alvero**, Grace Kao. “The BTS Effect: How K-Pop Fandoms Reshape Sociopolitical Messaging in Online Discourse” [Preprint]

Adam Green, **AJ Alvero**, Dan Johnson, Kibum Moon, René Kizilcec, Janet Rafner. “Reshaping Systems for Valuing Heterogeneity and Novelty in Human and AI Creativity”

Alejandra Regla-Vargas, Felipe Parodi, **AJ Alvero**, Grace Kao. “Analyzing Visual Discourse in Digital Activism: A Generative AI Approach to Studying Hashtag Hijacking in Social Movements” (invited submission, *Social Movement Studies*)

Eli Golde[◊], **AJ Alvero**[♣]. “Hispanic Disaggregation and Variation in Socioeconomic Mobility Markers” [[Preprint](#)]

Jinsook Lee[◊], **AJ Alvero**, Thorsten Joachims, René Kizilcec. “Poor Alignment and Steerability of Large Language Models: Evidence from College Admission Essays” [[Preprint](#)]

Marissa E. Thompson, Sam Trejo, **AJ Alvero**, Daphne Martschenko. ““Being Black is not just some costume”: How Black Americans make moral judgements regarding racial boundary-crossing”

In Progress

AJ Alvero, Alexander Adames, Alejandra Regla-Vargas, Eli Golde[◊]. “The Modes of Inequality: Comparing AI Evaluations of Audio, Image, and Text in Job-Hiring Simulations”

AJ Alvero, Alexander Adames. “Does Social Class have a Sonic Structure?” (Proposal accepted by the *American Voices Project*)

AJ Alvero, Anya Ma[◊]. “The Misreading of Man: Conflations of Verbosity and Intelligence in Society and Digital Technology”

Austin van Loon, **AJ Alvero**, Zoe Heidenry. “Generative AI and Competitive Self-Presentation: Decisions, Disparities, and Diversity in College Admissions Essays” [[Preregistration](#)]

AJ Alvero, Jasmine McNealy, Alexandra Crespin[†], Avani Akerkar[†], Alejandra Regla-Vargas, Deepak Denison, René Kizilcec. “Barbies All the Way Down: Beauty Bias in AI Generated Images of People”

Hansol Lee, **AJ Alvero**, Thorsten Joachims, René Kizilcec. “Algorithmic Information as a Search Tool: Randomized Experiments in Selective College Admissions”

Other

2025 **AJ Alvero** “Disaggregating Hispanic Data for Sharper Insights into College Admission Patterns” *The Hispanic Outlook on Education Magazine*. [[Article](#)]

2017 **AJ Alvero**. “Renaming ‘Confederate Corners’ doesn’t cost a thing.” *The Salinas Californian*. [[Article](#)]

TEACHING

University of Florida

Undergraduate

Sociology of Education Spring 2023, 2024

Sociology of Race and Racism: Technological Perspectives Fall 2023

Graduate

Introduction to Quantitative Methods Fall 2023

Computational Social Science: Programming and Principles Spring 2024

Stanford University

| | |
|--|-------------------|
| Introduction to Statistical Methods With Dan Schwartz | Fall 2021 |
| Introduction to Data Science With Sanne Smith and Dan McFarland | Winter 2019 |
| Equity and Schooling With Jonathan Rosa | Summer 2019 |
| The Centrality of Literacies With Antero Garcia | Summer 2017, 2018 |
| Adolescent Development With Linda Darling-Hammond | Fall 2016, 2017 |

PRESENTATIONS

Invited Presentations & Lectures

- 2026 American Association for Applied Linguistics Invited Colloquium (“Artificial Intelligence in Applied Linguistics: Applications, Promises and Challenges”), Coalition for College Panel on AI in College Admissions, The New Frontier of Equity Research: Working Through Data Disruption and AI Acceleration (Boston College Lynch School of Education and Human Development), The Slop Conference (Panelist: “The Admissions Illusion: When Every Essay Is Perfect”), NYU Center for Practice and Research at the Intersection of Information, Society, and Methodology (PRIISM)
- 2025 Georgetown University Department of Psychology Colloquium, College Board Higher Ed. Colloquium, Encoding Realities, Decoding Power: Exploring New Formations of Gender, Race, and Sexuality within Artificial Identities (University of Texas at Austin), International Conference on Learning Representations (ICLR; Workshop panelist, “Human-AI Coevolution”), Computational Research for Equity in the Legal System Training Program (Social Science Matrix at the University of California, Berkeley), PAN-Metrics Seminar (Computational Social Science Department at the Institute of Philosophy and Sociology of the Polish Academy of Sciences), ICQCM Summit, International Roundtable on Computational Social Science (The Institute for Analytical Sociology, Linköping University)
- 2024 Association for the Advancement of Artificial Intelligence (AAAI; Workshop panelist, “AI for Education: Bridging Innovation and Responsibility”), Center on Digital Culture and Society at the University of Pennsylvania, Technology, Media, Privacy, and Law Conference (University of Florida Levin College of Law), Higher Education Workshop (Stanford University), Generative AI and Sociology Workshop (Yale University), Institute in Critical Quantitative and Computational Methodologies (Johns Hopkins University), University of Oregon College of Education, University of Utah College of Education, Monash-Warwick-Zurich Text-as-Data Workshop (Monash University, the University of Warwick, and ETH Zurich’s Center for Law & Economics), Stanford University Center for Comparative Studies in Race and Ethnicity (Race & College Admissions), K-Pop: Musical Production and Consumption conference (Yale University Council on East Asian Studies), Cornell University Urban Data Science Working Group, Lehman Alternative School (Ithaca, NY)
- 2023 Technology, Media, Privacy, and Law Conference (University of Florida Levin College of Law), Cornell University Presidential Task Force on Undergraduate Admissions, Pens & Pixels: Generative AI in Education (UC Irvine), Center for Peace, Justice, and Human Rights (Florida Atlantic University), Race, Tech, and Justice Salon (NYU School of Law), University of Florida Social Psychology group, US Census Bureau Workshop on Race, Ethnicity and Inequality, University of California, Irvine School of Education (Literacy and Technology), The Ohio State University De-

partment of Sociology, University of Illinois Urbana-Champaign Department of Sociology, Culture Workshop at the University of Pennsylvania Department of Sociology

- 2022 Stanford Center for China's Economy and Institutions (Freeman Spogli Institute), Stanford EAST House, Educational Testing Service (ETS), University of Texas at Austin Department of Mexican American and Latina/o Studies, University of Tennessee, Knoxville School of Information Sciences, University of Florida Department of Sociology, University of New Mexico Institute for the Study of "Race" and Social Justice
- 2021 College Board Research and Psychometrics Team, University of California Board of Admissions and Relations with Schools (BOARS), Stanford GSE Policy, Organization, and Leadership Studies Seminar, Association of College Counselors in Independent Schools (Data, Analytics, and Trends Committee), Wieman Group (Stanford GSE)
- 2018 Stanford University, Center for Population Health Sciences; Stanford University, Students for Education Reform; Stanford University, Computational Text Analysis in the Social Sciences Group; Stanford University, Higher Education Exchange of Research

Conference Presentations & Activities

- 2026 Research Committee 28 on Social Stratification and Mobility (RC28)
- 2025 ISA Forum of Sociology (International Sociological Association), American Sociological Association, Pacific Sociological Association, Society for Social Studies of Science (Session organizer), International Network of Analytical Sociology ("Advances in the Analysis of Language"), ASA Methodology Section Midyear Meeting (University of Pennsylvania), International Conference on Computational Social Science (IC²S²; Declined), Conference on Language Modeling (COLM; Workshop on "Social Simulation with LLMs"; Workshop on "Socially Responsible Language Modelling Research")
- 2024 Southern Sociological Society, Sociolinguistics Symposium, Population Association of America, American Education Research Association, American Sociological Association, International Conference on Computational Social Science, International Conference on the Science of Science and Innovation (ICSSI), Mid-South Sociological Association
- 2023 Eastern Sociological Society, International Society for Anthrozoology, American Sociological Association, National Council on Measurement in Education, American Education Research Association, Population Association of America, Virtual Workshop on Contemporary Parole Research, International Conference on Computational Social Science (IC²S²), Computational and Methodological Statistics (CMStats), Society for Social Studies of Science
- 2022 New Directions in Analyzing Text as Data, International Conference on Computational Social Science, American Sociological Association, Latina/o Studies Association, National Council on Measurement in Education, American Education Research Association
- 2021 National Association for College Admission Counseling (NACAC) Conference, ACM Conference on Fairness, Accountability, and Transparency (FAccT), American Sociological Association, American Education Research Association, West Coast NLP (WeCNLP), Computational Social Science Society of the Americas, Transforming Institutions Conference
- 2020 Mechanism Design for Social Good (MD4SG), Association for the Study of Higher Education, Society for Social Studies of Science (*declined*), American Sociological Association, American Educational Research Association Satellite Conference on Data Science, Comparative & International Education Society, Conference on Language, Interaction, and Culture at UCLA (*cancelled*), Sociology of Education Association

- 2019 TextXD Symposium, International Conference on Machine Learning (Latinx in AI Workshop)
- 2018 TextXD Symposium
- 2017 Race, Inequality, and Language in Education (RILE)
- 2016 Caribbean Studies Association

PROJECTS & GRANTS

Research funding

External Funding

| | | |
|--|-----------|-----------------------|
| <i>Using Machine Learning to Analyze Equity in Parole-Release Decisions</i> | \$75,000 | 2025 |
| Russell Sage Foundation | | |
| PIs: AJ Alvero, Kristen Bell, Jake Searcy, Ryan Sakoda | | |
| <i>Open Multimodal Annotation Infrastructure for the Next Generation of Computational Social Science</i> | \$170,000 | Under review |
| Amazon | | |
| PIs: Rene Kizilcec, AJ Alvero, Immanuel Trummer, Kirk Vanacore, Alexandra Werth | | |
| <i>College Application Essays, AI, and Diversity After Race-Conscious Admissions</i> | \$75,000 | Invited, Under review |
| Russell Sage Foundation | | |
| PIs: Simone Zhang, Janet Xu, James Chu, AJ Alvero | | |

Internal Funding

| | | |
|--|----------|------|
| <i>Large Language Models, Self-Presentation, and Organizational Evaluation</i> | \$6,000 | 2025 |
| Cornell Center for Social Science | | |
| PIs: AJ Alvero, Austin van Loon | | |
| <i>Learning to Write Personal Statements with Generative AI</i> | \$25,000 | 2024 |
| Business, Government & Society Initiative, Stanford Graduate School of Business | | |
| PIs: Janet Xu, Simone Zhang, AJ Alvero | | |
| <i>Looking behind the digital curtain: A survey experiment to measure and change the language ideologies of computer scientists and identify implications for generative AI research and development</i> | \$15,000 | 2024 |
| SMU University Research Council | | |
| PIs: Quentin Sedlacek, AJ Alvero | | |
| <i>Large Language Models, Self-Presentation, and Organizational Outcomes</i> | \$25,000 | 2024 |
| MIT Sloan Junior Faculty Research Assistance Program (JFRAP) | | |
| PIs: Austin van Loon, AJ Alvero | | |
| <i>Race, Genetic Ancestry, and Context: Exploring How Genetic Ancestry Tests Influence Conceptions of Race</i> | \$20,000 | 2023 |
| Columbia Population Research Center Seed Grant | | |
| PIs: Marissa Thompson, Sam Trejo, Daphne Martschenko, AJ Alvero | | |

Other Funding and Projects

| | | |
|---|----------|------|
| <i>Cornell Symposium on Generative AI and Science</i> | \$40,000 | 2025 |
|---|----------|------|

Cornell AI Initiative, Center for Data Science for Enterprise and Society, College of Arts and Science, Office of the Vice Provost for Research

PIs: Yian Yin, AJ Alvero

Summer Institute in Computational Social Science

| | | |
|--|----------|------|
| SICSS-Florida [Site] | \$34,000 | 2024 |
| SICSS-South Florida [Site] | \$26,000 | 2023 |

PIs: Kevin Lanning, Kat Albrecht, AJ Alvero, Jieun Shin, Nathan Carpenter

Computational Text Analysis in the Social Sciences

| | | |
|---|---------|------|
| "Student Projects for Intellectual Community Enhancement" Grant | \$5,000 | 2017 |
|---|---------|------|

Student Narratives Lab

Initiated the project and lab

PIs: Mitchell Stevens, Anthony Antonio, Ben Domingue

MEDIA MENTIONS & APPEARANCES

Time Magazine [1], The Atlantic [1, 2], Los Angeles Times [1], New York Times [1, 2, 3], The New Yorker [1], Wikipedia [1, 2], Chalkbeat Colorado [1], University of New Mexico Newsroom [1], Insights by Stanford Business [1], Times Higher Education [1], Harper's Magazine [1, 2], Teen Vogue [1], The Economist [1], Newsweek [1], The Chronicle of Higher Education [1], MIT Admissions [1], Inside Higher Ed [1, 2], The Houston Chronicle [1], Higher Ed Dive [1], Forbes Magazine [1], Cornell Chronicle [1, 2], The Dartmouth [1], Yale News [1], The Korea Herald [1, 2], Pod Save the People [1], ABC7 News Bay Area (KGO-TV) [1], Mustang News (Cal Poly) [1], Yale News [1], Wall Street Journal [1, 2], School's In (Podcast with Stanford GSE Dean Dan Schwartz and Denise Pope) [1], The Philadelphia Inquirer [1], The Journal Editorial Report [1], Monterey County Weekly [1], The Smithsonian Magazine [1], Diverse Issues in Higher Education [1], The Salinas Californian [1], Reason.com [1], Brookings Institution [1]

HONORS & AWARDS

Cornell University

| | |
|--|------|
| Finalist, AI for Metascience, Sloan Foundation | 2025 |
|--|------|

Stanford University

| | | |
|--|-------------------|-------------------|
| VPGE Academic Achievement Award | \$500 | 06/2022 |
| Stanford GSE: Research and Academic Excellence | <i>Nominated</i> | 06/2022 |
| Human-Centered Artificial Intelligence (HAI) Graduate Fellow | \$2,000 | 09/2021 – 06/2022 |
| McCoy Family Center for Ethics in Society Fellow | \$3,000 | 09/2020 – 06/2021 |
| Diversifying Academia, Recruiting Excellence Fellowship | \$96,200/2 years | 09/2019 – 06/2022 |
| Stanford Interdisciplinary Graduate Fellowship | | |
| <i>Naidu Family Interdisciplinary Graduate Fellowship</i> | \$133,080/3 years | 09/2018 – 06/2021 |
| Enhancing Diversity in Graduate Education Fellowship | \$12,800 | 09/2016 – 06/2020 |
| The Dean's Fellowship | \$30,000 | 09/2016 |

Florida International University

| | | |
|--|---------|---------|
| FLAS Summer Fellowship at the Haitian Summer Institute | \$6,680 | 05/2015 |
| Madeline Kitts Scholarship | \$5,000 | 05/2015 |
| FIU Graduate Grant | \$5,000 | 05/2015 |
| Bellsouth Education Scholarship | \$3,000 | 08/2015 |
| FIU Latin American and Caribbean Center Scholarship | \$500 | 05/2015 |

Other

| | | |
|--------------------|-------|---------|
| ICSSI Travel Award | \$300 | 07/2024 |
|--------------------|-------|---------|

| | | |
|---|-------------------|-------------------|
| ICQCM Spencer Scholar | | 06/2021 |
| International Conference on Machine Learning Travel Grant | \$1,500 | 06/2019 |
| El Centro Chicano y Latino Charlene J. Porras Award | \$1,000 | 06/2019 |
| El Centro Chicano y Latino Outstanding Graduate Mentor | | 09/2018 – 06/2019 |
| Hispanic Scholarship Fund (2016 and 2017) | \$6,500 | |
| Eugene V. Cota-Robles Fellowship (<i>declined</i>) | \$120,000/5 years | |

PROFESSIONAL ACTIVITIES

Member

American Sociological Association
 Association for Computing Machinery
 The International Society for Computational Social Science
 Latinx in AI

Editorial Board

Social Science Research (Early Career Review Board)
Nature Humanities and Social Sciences Communications (2023–2024)

Reviewer

Sociology: *American Sociological Review*, *Social Forces*, *Sociology of Education*, *British Journal of Sociology*, *Sociological Methods & Research*, *Sociological Methodology*, *Theory and Society*, *Poetics*, *Social Science Research*, *The Sociological Review*, *Current Sociology*, *Social Currents*, *The Journal of Mathematical Sociology*, *Contributions to the Sociology of Language series* (*De Gruyter Mouton*)

Linguistics; Psychology: *Language Sciences*, *Psychology of Aesthetics, Creativity, and the Arts*, *Current Psychology*, *Nature Communications Psychology*

Computer science/Computational social science: *Big Data & Society*, *Proceedings of ACM Fairness, Accountability, and Transparency (FAccT)*, *Information Processing & Management*, *Social Science Computer Review*, *Journal of Social Computing*, *Computers & Education: Artificial Intelligence*, *PeerJ Computer Science*, *AI and Ethics*, *Advances in Human-Computer Interaction*, *JMIR Formative Research*, *BMJ Digital Health and AI*

Education: *AERA Open*, *Educational Researcher*, *Journal of Engineering Education*, *Educational Evaluation and Policy Analysis*, *Journal for STEM Education Research*, *Research in Higher Education*, *ACM Transactions on Computing Education*

Multidisciplinary: *Science Advances*, *Nature Human Behavior*, *PLOS One*, *Nature Humanities and Social Sciences Communications*

Other: ROSETTA (Marie Skłodowska-Curie COFUND Postdoctoral Fellowship), Israel Science Foundation

SERVICE & ENGAGEMENT

Cornell University

Flora Rose House Fellow 08/2024 – 05/2026

University of Florida

| | |
|--|-------------------|
| Code of Conduct Service Committee | 08/2023 – 05/2024 |
| Merit Review Committee (<i>Declined</i>) | 08/2024 – 05/2025 |
| Data Science Curriculum Planning Committee | 09/2022 – 08/2024 |
| Seminar Series in AI in Social Science | 09/2023 – 08/2024 |

Stanford University

| | |
|--|-------------------|
| Co-President, Sociology and Education Network | 09/2020 – 06/2021 |
| El Centro Chicano y Latino Graduate Scholar in Residence | 09-2018 – 09/2020 |

| | |
|---|-------------------|
| EDGE Mentor | 09/2018 – 06/2019 |
| Mentor and Program Organizer, Stanford GSE Mentorship Program | 09/2017 – 06/2018 |
| Financial Officer, Computational Text Analysis in the Social Sciences | 09/2017 – 06/2020 |

Faculty Advising

Dissertation Committee:

University of Florida

Dominique Fairley, Sociology (2023)

Masters Thesis, Qualifying Exams:

University of Florida

Alexis Jones (2024)

Sierra Plotner (2024)

Undergraduate Thesis:

University of Florida

Madison Kutil (2024; Highest Honors)

Eli Golde (2024; Academic Excellence Award, Highest Honors)

First Place, Mid-South Sociological Association Undergraduate Student Paper Competition

Advising During Graduate School

Graduate Student Advisor:

Thea Rossman, Capstone Project in Critical Studies in Race and Ethnicity

2020

Noa Arthurs, Undergraduate Thesis in Computer Science

2017

Research supervisor, Stanford Institute for Research in the Social Sciences

06/2020 – 06/2022

Research Assistant Internship Program [[Link](#)]

Interns: Joules Hoffmann, Misha Moussavian, Jasmine Pal

TRAINING, WORKSHOPS, & OTHER EXPERIENCES

University of Oregon School of Law

11/2022

Parole Transcript Data Workshop

Eugene, OR

National Institute on Aging:

Genomics for Social Scientists Workshop

06/2022

Trainee and participant

Institute for Social Research, University of Michigan

Building an Anti-Racist Stanford GSE

09/2021 – 06/2022

Syllabus consultant, Education Data Science courses

Institute in Critical Quantitative, Computational, and Mixed

Methodologies (ICQCM) Summer Training and Summit

06/2021 – 03/2022

Trainee and participant

Virtual and Baltimore, MD

Summer Institutes in Computational Social Science

TA, San Francisco Bay Area site ([BAY-SICSS](#))

Co-Organizer, South Florida ([SICSS-South Florida](#)), University of Florida ([SICSS-Florida](#))

Speaker and Guest Lecturer, University of Pennsylvania site ([SICSS-Penn](#))

Stanford Graduate Summer Institute

08/2020

Student, *Ethics and the Academy*
Virtual

Stanford Libraries 10/2018
Presenter, *Gear Up for Social Science Data*
Palo Alto, CA

Stanford Center for Spatial and Textual Analysis 07/2017 – 09/2017
Visiting Scholar
Palo Alto, CA

ICPSR Summer Program in Quantitative Methods of Social Research 06/2017
Student, *Machine Learning for the Analysis of Text as Data*
Chapel Hill, NC

Haitian Summer Institute at Florida International University 06/2015 – 08/2015
Student and FLAS Fellow, Kimberly Green Latin American and Caribbean Center
Miami, FL & Southern Haiti

Miami-Dade County Public Schools 09/2013 – 06/2016
High School Language Arts Teacher, Claes Nobel Educator of
Distinction (National Society of High School Scholars)
Miami, FL

Cuban Heritage Collection at the University of Miami 08/2011 – 02/2012
Student archivist
Coral Gables, FL

LANGUAGES & SKILLS

Human Languages

Fluent Spanish; Proficient Haitian Creole; Basic Japanese (written and spoken)

Computer Languages & Software

Frequent: R, Python, L^AT_EX, SLURM

Not as frequent: Javascript, Stata, Tableau, C++