CHARLES JONATHAN GOMEZ

Social Sciences, Room 426
1145 E. South Campus Drive
School of Sociology
The University of Arizona
Tucson, AZ 85721-0027

Email: cjgomez@arizona.edu
Lab: TheGlobalLab.org
Website: charlesgomez.com
ORCID: 0000-0002-2982-7728
Office Phone: 1-520-621-1089

ACADEMIC APPOINTMENTS

2022–Present **The University of Arizona**
Associate Professor
School of Sociology, College of Social and Behavioral Sciences
Affiliated Faculty in the College of Information Science, the Applied Mathematics Graduate Interdisciplinary Program (GIDP), the Statistics and Data Science GIDP, and the Computational Social Science (CSS) Graduate Certificate Program
2022-2024 — Assistant Professor

2017–2022 **Queens College, City University of New York**
Assistant Professor
Department of Sociology, School of Social Sciences
2021-2022 — Director, Data Analytics and Applied Social Research Master's Program

2016–2017 **University of California, Berkeley**
Data Science Postdoctoral Researcher and MIDS Instructor
School of Information

EDUCATION

July 2016 **Stanford University**
Ph.D. in Sociology and International Comparative Education
Ph.D. Minors in Sociology and Political Science

May 2010 **Harvard University**
M.P.P. in International and Global Affairs

May 2006 **Columbia University**
M.S. in Applied Physics

May 2005 **Duke University**
B.S.E. in Electrical Engineering, Physics, and Philosophy

PUBLICATIONS

Manuscripts Being Prepared for Submission or Reviewed

(**Bold and underline** denotes lead or co-lead author.)

Book Project **Gomez, Charles J.** *Anyone, Anywhere: Why Scientists Keep Faith with Global Science and Sustain the Hierarchies Its Universalism Builds.*

2nd Round R&R **Gomez, Charles J.**, Yeaeun Kwon[G], Jeffrey Shen[G], Sarah Stueve[G], Harshvardhan Singh[G], Emma Langlais[U], and Jessica Dawson. Elite Nations and the Convergence of Global Research Agendas.
Under review at *PNAS (Proceedings of the National Academy of Sciences)*.

[G] Graduate student during the project.
[U] Undergraduate student during the project.
★ Denotes co-lead author.

Under Review **Gomez, Charles J.**, Silvan Baier[G], Dong Chen[G], and Jeffrey Shen[G]. Cartographies of Power in the Global Politics of Science, Knowledge, and Technology.
Under review at *Nature Human Behaviour*.

Being Prepared **Gomez, Charles J.**, Lilith Green[G], Peter Ore, Charlie Pollard[G], Jeffrey Shen[G], and Elina Mäkinen. Scaling Interpretive Rigor: A Two-Stage Framework for AI-Assisted, Large-N Coding Using Interview Transcripts of Scientists Worldwide.

Being Prepared Baier, Silvan[G★], **Charles J. Gomez**, and Zheng Fu[G]. The Organization of Knowledge Predicts the Prestige Hierarchy in Faculty Placement Across Fields.

Being Prepared **Gomez, Charles J.**, Minjae Seo[★], Yiwen Zeng[G★], Jina Lee. International Hierarchies and the Recognition of Expertise Among Status-Conscious Scientists.

Being Prepared **Gomez, Charles J.**, Sarah Bratt, Erin Leahey, Jina Lee, and Charles Lassiter. Fine-tuned Transformers Reveal a Rhetorical Shift in Humility across Two Decades of Scientific Writing.

Being Prepared **Gomez, Charles J.**, Silvan Baier[G], and Zheng Fu[G]. Humility in Scientific Inquiry across Fields.

Peer-Reviewed Journal Articles
(**Bold and underline** denotes lead or co-lead author.)

2026 **Gomez, Charles J.** The Growing Concentration of National Influence in Global Science. ***Nature Human Behaviour***. [Impact Factor 2024: 15.90]
http://doi.org/10.1038/s41562-026-02489-2

2024 **Gomez, Charles J.**, Antonio D. Sirianni, and Launy Schweiger[G]. 2024. Attachment Preferences in Diverse Collective Problem-Solving Networks and Systemic Performance. ***Journal of Mathematical Sociology.*** [Impact Factor 2022: 1.48]
https://doi.org/10.1080/0022250X.2024.2428641

2024 **Gomez, Charles J.**, Dahlia Lieberman[G], and Elina Mäkinen. 2024. Hedgehogs, Foxes, and Global Science Ecosystems: *Decoding Universities' Research Profiles across Fields with Nested Ecological Networks.* ***Research Policy***. [Impact Factor 2022: 7.2]
https://doi.org/10.1016/j.respol.2024.105040

2022 **Gomez, Charles J.**, Andrew C. Herman[G], and Paolo Parigi. 2022. Leading Countries in Global Science Increasingly Receive More Citations than Other Countries Despite Doing Similar Research. ***Nature Human Behaviour***. [Impact Factor 2021: 13.66]
https://doi.org/10.1038/s41562-022-01351-5
Media: The Economist, Times Higher Education, PNAS News, Physics World, Nature Asia, Phys.org *Physics*, United Academics Magazine, Deutschlandfunk (German NPR)

2020 **Gomez, Charles J.**, Andrew C. Herman[G], and Paolo Parigi. 2020. Moving More, but Closer: *Mapping the Growing Regionalization of Global Scientific Mobility Using ORCID.* ***Journal of Informetrics***. [Impact Factor 2018: 3.879]
https://doi.org/10.1016/j.joi.2020.101044

2019 **Gomez, Charles J.** and David Lazer[★]. 2019. Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network. ***Nature Communications***. [Impact Factor 2018: 12.03]
https://doi.org/10.1038/s41467-019-12650-3

2019 Alperin, Juan, Charles J. Gomez, and Stefanie Haustein. 2019. Identifying Diffusion Patterns of Research Articles on Twitter: A Case Study of Online Engagement with Open Access Articles. ***Public Understanding of Science***. [Impact Factor 2019: 2.754]
https://doi.org/10.1177/0963662518761733

2019 Vesselinov, Elena, Sebastian Villamizar-Santamaria[G], Charles J. Gomez, and Eva Fernandez. 2019. A Global Community or a Global Waste of Time? Content Analysis of the Facebook Site "Humans of New York." ***Journal of Urban Affairs***. [Impact Factor 2017: 1.53]
https://doi.org/10.1080/07352166.2019.1697184

2018 Horowitz, Adam[★]and **Gomez, Charles J.**. 2018. Identity Override: Why Sexual Orientation Reduces the Rigidity of Racial Boundaries. ***Sociological Science***. [Impact Factor 2018: 2.18]
https://doi.org/10.15195/v5.a28

2016 Evans, Eliza[★], **Gomez, Charles J.**, and Daniel A. McFarland. 2016. Measuring Paradigmaticness of Disciplines Using Text. ***Sociological Science***. [Impact Factor 2018: 2.18]
https://doi.org/10.15195/v3.a32

2015 **Gomez, Charles J.** and Paolo Parigi[★]. 2015. Regionalization of Intergovernmental Organization Networks: A Non-Linear Process. ***Social Networks***. [Impact Factor 2015: 3.928]
https://doi.org/10.1016/j.socnet.2015.03.007

2015 Kizilcec, Rene F., Jeremy Bailenson, and Charles J. Gomez. 2015. The Instructor's Face in Video Instruction: Evidence from Two Large-Scale Field Studies. ***Journal of Educational Psychology***. [Impact Factor 2015: 4.83]
https://doi.org/10.1037/edu0000013

2012 Bustos, Sebastian, Charles J. Gomez, Ricardo Hausmann, and Cesar Hidalgo. 2012. The Conservation of Nestedness Predicts the Location of Future Industries. ***PLOS One***. [Impact Factor: 2.777]
https://doi.org/10.1371/journal.pone.0049393

Research Projects

Prj. Prometheus & Hermes — Collecting in-depth interviews from over 230 researchers from around the world across several domains of study, including artificial intelligence, genetics, astronomy, and sociology, this project explores how researchers situate themselves in the wider currents of globalization and politics. The project deploys both traditional qualitative data analysis and natural language processing in its analysis. The project is a collaboration across several universities and includes doctoral students, master's students, and undergraduates. It will produce several papers and a book proposal. This project is supported by an NSF CAREER grant.

> Collaborators — Elina Mäkinen (Tampere University), Peter Ore (CUNY-Queens College), Jeffrey Shen[G], Charlie Pollard[G], Lilith Green[G], and Kaiea Orr[U].

Project Peitho — These projects utilize natural language processing and social networks to analyze scientific publication metadata and examine international influence. This project consists of several streams of work. It develops measures of international influence to explore which countries are influencing scientific research around the world across fields using temporal measures of isomorphism. This project is supported by a grant from the U.S. Army. It will produce several papers and a white paper.

> Collaborators — Jessica Dawson (West Point), Jeffrey Shen[G], Yeaeun Kwon[G], Sarah Stueve[G], Harshvardhan Singh[G], and Emma Langlais[U].

Project Zeus — This project applies natural language processing and social network analysis techniques to scientific publication metadata and U.S. faculty hiring data across fields to relate the paradigmatic cohesion of the field and how the stratified networks of hiring and citations are. Fields with strong paradigms—where research is evaluated based on a mostly

agreed-upon framework—ought to be less stratified in their hiring and not rely on prestige signifiers compared to weaker paradigm fields, like the social sciences.

Collaborators — Silvan Baier[G] (Harvard Business School) and Zheng Fu[G].

Project Minerva — We deploy various surveys to researchers and laypeople alike to analyze how they assess scientific research. This work is supported by an NSF CAREER grant.

Collaborators — Jina Lee (UIUC), Minjae Seo (UPenn), and Yiwen Zeng[G].

Project Helios — In a synergistic and interpretive review essay, we argue for the development of global and political sociological frameworks to study science and knowledge, ones that interrogate the intersecting dynamics of power, inequality, and epistemic hegemony in the creation and dissemination of knowledge across the globe.

Collaborators — Silvan Baier (HBS)[G], Dong Chen[G], and Jeffrey Shen[G].

Project Odysseus — We develop and test a functionalist framework for the study of classification systems in sociology using large language models (LLMs) and word embeddings.

Collaborators — Kaylee de la Mottee[G].

Prj. HI & Delphi — This work was supported by a grant from the John Templeton Foundation. This grant supports research into "humility in inquiry" (HI). The project applies natural language processing to scientific texts to identify instances of humble language (e.g., tempered, fallible, considering alternative views, open-ness, etc.) and how it relates to a variety of social features and forces, like gender, country of origin, and discipline.

Collaborators — Led by Erin Leahey (PI) in collaboration with Sarah Bratt (Co-PI), Jina Lee (UIUC), Yeaeun Kwon[G], Sarah Stueve[G], and Charlie Lassiter (Gonzaga).

Other Publications
(**Bold and underline** denotes lead or co-lead author.)

2023 **Gomez, Charles J.** 2023. "Science Wars." Contexts 22(2):66–68. https://doi.org/10.1177/15365042231172474.

GRANTS

Awarded and In-progress

2024-2029 **$484,009**. Principal Investigator (PI). National Science Foundation (NSF). *Faculty Early Development Career Program* (CAREER). NSF 20-525. *How Collaboration and Competition Influence Research in the Emerging Field of Artificial Intelligence.*

Completed

2024-2026 **$251,131**. Principal Investigator (PI). The United States Army Research Office. W911NF-20-S-0008. *Assessing Influence Research in Global Science and International Influence in Academic Scientific Research.*

2023-2026 **$499,985**. Co-principal Investigator (Co-PI). National Science Foundation (NSF). PD 20-595, Innovations in Graduate Education (IGE). *Integrating Data Science into the Applied Mathematics Ph.D.: Generalized Skills for Non-Academic Careers.*

2023-2025 **$205,214**. Co-principal Investigator (Co-PI). John Templeton Foundation. Humility in Inquiry: Foundations and New Directions. *Developing a Text-based Measure of Humility in Inquiry and Examining Contextual Effects.*

2020-2023 **$253,897**. Principal Investigator (PI). National Science Foundation (NSF). PD 19-125Y, Science of Science: Discovery, Communication, and Impact (SoS:DCI). *Inequality in Global Scientific Research: Implications for Novelty and Innovation.*

2019-2020 **$5,900**. PSC-CUNY Research Award (Cycle 50).

2018-2019 **$5,900**. PSC-CUNY Research Award (Cycle 49).

2017-2018 **$8,000**. Mellon Foundation Diversity Grant, Queens College, CUNY.

2016 **$49,900**. Stanford University Freeman Spogli Institute (FSI) Global Development Exploratory Seed Grant, Co-P.I. with Daniel McFarland, Stanford University.

2013 **$2,000**. Center for Philanthropy and Civil Society (PACS) Research Grant, Stanford University.

2011-2015 **$800**. National Science Foundation's Political Networks Travel Grants, University of Michigan - Ann Arbor, 2011; The University of Colorado-Boulder, 2012; Indiana University - Bloomington 2013; Reed College and Portland State University 2015.

2010 **$8,000**. The Minerva Project Cybersecurity Summer Grant.

FELLOWSHIPS AND AWARDS

2026 Elected Full Member, Sigma Xi: The Scientific Research Honor Society.

2026 Certificate of Excellence Honoree, University of Arizona College of Social and Behavioral Sciences (SBS).

2024 Inaugural Early Career Research Award, University of Arizona College of Social and Behavioral Sciences (SBS).

2024 National Science Foundation (NSF) Faculty Early Career Development Program (CAREER) Award.

2017-2022 Mellon Fellow, Queens College, CUNY.

2015 Acxiom Diversity Scholarship Winner ($5,000), Acxiom, Inc.

2013-2014 Computational Social Science Fellow - Quarter Tuition and Stipend, Institute for Research in the Social Science (IRiSS) Center for Computational Social Science, Stanford University.

2013 Nominated for Stanford GSE Outstanding Graduate Teaching Award.

2010-2011 The Fred Zannon Graduate Fellowship Full Tuition, Stanford University.

2009 Belfer Summer Internship Fund Summer Stipend, Harvard University.

2008-2010 Belfer International and Global Affairs Fellow Stipend, Harvard University.

2008-2010 Harvard Public Service Fellowship Full Tuition, Harvard University.

2008-2010 GEM/Deloitte Fellowship Full Tuition and Stipend (Declined).

2005-2006 APAM Department Doctoral Fellowship Full Tuition and Stipend, Columbia University.

2001 Intel Science Talent Search Semifinalist.

INVITED TALKS AND CONFERENCE PRESENTATIONS

Invited Talks

2026 "Elite Nations Drive the Convergence of Global Research Agendas." Invited speaker at the International Conference on Science of Science and Innovation (ICSSI), June, Boulder, Colorado.

2021 "Rising Global Inequality in the Acknowledgment of Scientific Research." School of Sociology, The University of Arizona, October, Tucson, Arizona.

2021 "Hedgehogs, Foxes, and Global Science Ecosystems: Decoding Universities' Research Profiles across Fields with Nested Ecological Networks." Social Organization Workshop, School of Sociology, The University of Arizona, March, Tucson, Arizona.

2017 "Academic Nationalism: How Culture and Structure Foster Global and National Academic Communities." Department of Sociology, Queens College, City University of New York, February, Queens, New York.

2015 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Organizational Studies Program, University of Michigan, November, Ann Arbor, Michigan.

Conference Presentations

2025 "Transformer-Assisted Conceptual Coding: Training and Validating AI Using Hundreds of Interviews of Scientists Worldwide." Presented at the American Sociological Association Annual Meeting, August 11, Chicago, Illinois.

2025 "Centralization of Research Influence and Declining Novelty: Text- Based Approaches to Global Scientific Hegemony." Presented at the American Sociological Association Annual Meeting, August 9, Chicago, Illinois.

2025 "The Centralization of Global Research Focus Is Associated with Declining Disruption in Fields." Presented at the International Conference on Science of Science and Innovation (ICSSI), June 17, Copenhagen, Denmark.

2025 "Do Journal Data Sharing Requirements Promote Humility in Scientific Articles?" Presented at the International Conference on Science of Science and Innovation (ICSSI), June 17, Copenhagen, Denmark.

2023 "Scientific Paradigms and Organizational Hierarchies." Presented at the International Conference on Science of Science and Innovation (ICSSI), June 23, Chicago, Illinois.

2023 "Scientific Paradigms and Organizational Hierarchies." Presented at the INSNA: The International Conference on Social Network Analysis (Sunbelt), June 25, Portland, Oregon.

2021 "Global Scientific Fields Are Less Novel as Concentrated International Influence Dictates Research Trends." Presented at the Networks 2021, July, Virtual.

2020 "Global Scientific Fields Are Less Novel as Concentrated International Influence Dictates Research Trends." Presented at the International Conference on Computational Social Science (IC^2S^2), July, Virtual.

2019 "A Tower of Babel or a Scientific Esperanto? Uncovering the Geography of Scientific Communities Using International Networks of Citations, Topic Similarity, and Mobility." Presented at the American Sociological Association Annual Meeting, August, New York City, New York.

2019 "Global Scientific Fields Are Less Novel as Concentrated International Influence Dictates Research Trends." Presented at The Society for the Social Study of Science (4S) Annual Meeting, September, New Orleans, Louisiana.

2018 "Regionalization of Intergovernmental Organization Networks: A Non-Linear Process." Presented at the International Conference on Computational Social Science (IC^2S^2), July, Chicago, Illinois.

2018 "A Tower of Babel or a Scientific Esperanto? Uncovering the Geography of Scientific Communities Using International Networks of Citations, Topic Similarity, and Mobility."

Presented at the American Sociological Association Annual Meeting, August, Philadelphia, Pennsylvania.

2017 "On Shadow Libraries: Comparing Download and Citation Patterns in Sci-Hub and Web of Science." (with Sebastian Muñoz-Najar) Presented at the Science of Team Science Annual Conference, June, Tampa, Florida.

2017 "Identity Override: Why Sexual Orientation Reduces the Rigidity of Racial Boundaries." (with Adam Horowitz) Presented at the American Sociological Association Annual Meeting, August, Montreal, Quebec.

2016 "Measuring Paradigmaticness Using Text." Presented at the American Sociological Association Annual Meeting, August, Seattle, Washington.

2015 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Presented at the American Sociological Association Annual Meeting, Chicago, Illinois.

2015 "Global Knowledge Structures: International Patterns of Language Adoption in Political Science." Presented at the American Sociological Association Annual Meeting, Chicago, Illinois.

2014 "Global Knowledge Structures: International Patterns of Language Adoption in Political Science." Presented at the Political Networks 2014, Montreal, Quebec, Canada.

2014 "Global Knowledge Structures: International Patterns of Language Adoption in Political Science." Presented at the American Sociological Association Annual Meeting, San Francisco, California.

2014 "A Post-Pax American Scientia?" in SocInfo, 6th Annual Conference. Barcelona.

2013 "Global Knowledge Structures: International Patterns of Language Adoption in Political Science." Presented at the American Educational Research Association Annual Meeting, San Francisco, California.

2013 "Regionalization of Intergovernmental Organization Networks: A Non-Linear Process." Presented at the American Political Science Association Annual Meeting, August, Chicago, Illinois.

2013 "Regionalization of Intergovernmental Organization Networks: A Non-Linear Process." Presented at the American Sociological Association Annual Meeting, August, New York, New York.

2012 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Presented at Academy of Management Annual Meeting. Boston, Massachusetts.

2012 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Presented at the American Sociological Association Annual Meeting, Denver, Colorado.

2012 "Regionalization of Intergovernmental Organization Networks: A Non-Linear Process." Presented at the Fifth Annual Political Networks Conference and Workshop, University of Colorado, Boulder.

2011 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Presented at the Workshop on Information in Networks, New York, New York.

2011 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Presented at the Political Networks, Ann Arbor, Michigan.

2011 "Clustering Knowledge and Dispersing Abilities Enhance Collective Problem Solving in a Network." Presented at the INSNA: The International Conference on Social Network Analysis (Sunbelt), Saint Petersburg, Florida.

TEACHING

The University of Arizona

2022-Present Computational Social Science (Graduate).

2023-Present Introduction to Sociology (Undergraduate).

2023-Present Sociological Theory (Graduate).

Various Directed Readings (Topics Included: Sociology of Science, Knowledge, and Innovation; Classification, Categories, and Typologies; Computational Social Science and Interviews; The Global and Political Sociology of Science, Knowledge, and Technology)

Queens College, City University of New York

2018-2020 Introduction to Computational Social Science (Graduate).

2018-2020 Social Theory for Quantitative Researchers and Data Scientists (Graduate).

2018 Data and Society (Undergraduate).

2017 Sociology of Knowledge (Advanced Undergraduate and Graduate).

The University of California, Berkeley

2016-2017 Research Design and Applications for Data and Analysis (Graduate).

2016-2017 Social Theory and Organizational Analysis (Advanced Undergraduate and Graduate).

SERVICE

Service to the School of Sociology, University of Arizona

2024-2026 *Coordinator*, School of Sociology Colloquium.

2022-2024 *Committee Member*, Graduate Studies Committee.

2022-Various *Committee Member*, Executive Committee.

Service to the College of Social and Behavioral Sciences, University of Arizona

2022-Present *Committee Member*, Advisory Committee on Computational Social Science.

Service to Queens College

2021-2022 *Director*, Sociology Department Graduate Program on Data Analytics and Applied Social Research.

2018-2022 *Committee Member and Chair*, Sociology Department Graduate Curriculum Committee.

2017-2022 *Committee Member*, Sociology Department Seminar and Workshop Series Organizing Committee.

2018-2021 *Committee Member*, Sociology Department Personnel and Budget (P&B) Committee (i.e., department's governing body).

2018-2019 *Committee Member*, Search Committee for Data Analytics Faculty Line.

2018-2019 *Committee Member*, Working Committee on Establishing a School of Data Science.

2018-2021 *Senator, College-at-Large Seat*, Queens College Senate.

Service to the Discipline and the Wider Academic Community

2025 *Chair*, American Sociological Association Section on Mathematical Sociology Committee on Outstanding Graduate Student Paper Award.

2021-2024 *Committee Member*, American Sociological Association Section on Communication, Information Technologies, and Media Sociology (CITAMS) Nominations Committee.

2021-2024 *Committee Member*, American Sociological Association's Section on Rationality and Society Nominations Committee.

2020 *Committee Member*, American Sociological Association's Section on Science, Knowledge and Technology (SKAT) Robert K. Merton Book Award.

Service as an Academic Editor

2025-Present Senior Associate Editor, *ACM Transactions on Social Computing*

2022-2024 Associate Editor, *PLOS One*

Service as an Ad-hoc Reviewer

Journals *Science; Proceedings of the National Academy of Sciences (PNAS); PNAS Nexus; Nature Communications; Nature Human Behaviour; Science Advances; American Sociological Review; Research Policy, Industry and Innovation; Sociology of Education; Journal of Mathematical Sociology; Journal of Web Science; Public Understanding of Science; Minerva; Journal of Informetrics; Scientometrics; Global Policy; Journal of Complex Networks; Journal of Computational Social Science; PLOS One; npg Complexity*

Conferences The Web Conference–WWW; International Conference on Computational Social Science (IC^2S^2); Academy of Management

Book Proposals Columbia University Press; SAGE

Grant Proposals National Science Foundation. Science of Science: Discovery, Communication, and Innovation (SoS:DCI)

SUPERVISION

PhD Students Currently Advising

Jeffrey Shen (with Diego Leal), Sociology

Tara Prendergast, Sociology

Lilith Green, Sociology

Sukhoon Park, Sociology

Sarah Stueve (with Steve Bethard), Information Science

Josh Dunlap, Information

Tim Zou, Applied Math

Informal — Kaiea Orr (University of Texas at Austin), Sociology

Informal — Silvan Baier (Harvard Business School), Macro-organizational Behavior and Sociology

Dissertation Chair

2026 Alan Kang (with Catherine Brooks), Information Science

Dissertation Committee

2026 Hilary Houlette, Higher Education

2026 Laura Dozal, Information

2026 Dong Joon Park, Sociology

2025 Rina James, Sociology

2025 aems emswiler, Information

2025 Minyoung An, Sociology

2023 William ("Bill") Fries, Applied Math

Queens College, CUNY — M.A. in Data Analytics and Applied Social Research (MADASR)
Thesis Advisor

Dahlia Lieberman **2021**, Joshua Megnauth **2021**, Rafael Arevalo **2020**, Jiawen ("Jessica") Duan **2020**, Sungji ("Peter") Shin **2020**, Joseph Vorbeck **2020**, Randy Cruz **2018**

PROFESSIONAL MEMBERSHIPS

American Sociological Association
AAAS (American Association for the Advancement of Science)
Sigma Xi
Association for Information Science and Technology
International Network for Social Network Analysis
International Society for Informetrics and Scientometrics
Society for Social Studies of Science (4S)

INDUSTRY & CONSULTING EXPERIENCE

Facebook, Inc.
Utility - Profile Team *June 2015 - September 2015*
Ph.D. Research Intern *Menlo Park, CA*

- Communicated findings to and collaborated with product managers, data engineers, and data scientists.

Stanford University
Statistical Software and Data Consulting *January 2013 - August 2016*
Consultant *Stanford, CA*

- Analyzed social science data and programming issues for the social science departments.
- Assisted students, faculty, and postdocs with technical and methodological issues related to R, Stata, and Unix.

Accenture, LLP
Accenture Information Management Services *October 2006 - 2008*
Analyst *New York, NY*

- Customized Accenture's Delivery Methodology for Custom Development (ADM-CD) for UPS's global I.T. platform and their organizational specifications.
- Developed database architecture, requirements, documentation, and internal and external presentations for Accenture's business intelligence platform for private businesses and state and local governments.