Janna Z. Huang

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EDUCATION

2026 (expected) **University of California, Berkeley**
Ph.D. Student, Sociology
Areas of Specialization: science and technology studies; social theory; economic sociology

2020 **Stanford University**
M.A., Sociology
Advisor: Angèle Christin

2020 **Stanford University**
B.S., Computer Science (Emphasis: Human-Computer Interaction)
Interdisciplinary Honors in Science, Technology, & Society
Thesis: "A Break in the Cloud: Finding the Local in the Global Internet"
   Winner of Firestone Medal for Excellence in Undergraduate Research
      Advisor: Paul Edwards

RESEARCH INTERESTS

Technology, Environment, Globalization, Social Theory, Science & Technology Studies

RESEARCH EXPERIENCE

2020-22 **Global Action on Climate Change**
UC Berkeley Department of Sociology
Graduate Student Researcher for Neil Fligstein

2020-21 **Institute for Human-Centered Artificial Intelligence (HAI)**, Stanford, CA
Researcher for Rob Reich, Mehran Sahami, and Jeremy Weinstein
Researched history of public interest technology and computing ethics for forthcoming book *System Error: How Big Tech Disrupted Everything and Why We Must Reboot* (Harper Collins, 2021)

2018-20 **Critical Internet Studies Working Group**, Stanford, CA
Advisor: Angele Christin
Contributed analysis of algorithms used within journalism organizations for Angele's book *Metrics at Work: Journalism and the Contested Meaning of Algorithms* (Princeton U Press, 2020)

2015-16 **Center for Spatial and Textual Analysis (CESTA)**, Stanford, CA
Research Intern
Researched the political economy of the development of the American West

PUBLIC SOCIOLOGY

"The Business Case for AI Ethics: Moving from Theory to Action" *All Tech is Human* March 2021

"Guide to Responsible Tech: How to Get Involved and Build a Better Future" *All Tech is Human* September 2020

TEACHING EXPERIENCE

UC Berkeley Electrical Engineering and Computer Science (EECS) Department
Fall 2020   GSI, "EECS for All: Social Justice in EECS" with John Canny

Stanford University Computer Science Department
Spring 2020   Head TA & Course Designer, "Bridging Policy & Technology Through Design" with Lucy Bernholz
Spring 2020/19   Graduate Student Instructor, "Social Computing" with Michael Bernstein
Winter 2020/19   Graduate Student Instructor, "Ethics, Public Policy, and Technological Change" with Rob Reich
Fall 2019   Graduate Student Instructor, "Intro to Human-Computer Interaction Design" with James Landay

FELLOWSHIPS

2021	John L. Simpson Pre-dissertation Research Fellowship in International & Area Studies ($5,000)
2021	UC Berkeley Center for Chinese Studies East Asia Fellowship ($2,200)
2019	Peking University, Chinese Political Economy Summer Fellowship ($3,000)
2019	U.S. Department of State Fulbright Scholarship Semifinalist, Australia
2018	Stanford in Government Fellowship at the US Federal Communications Commission ($5,500)

HONORS & AWARDS

2020	Centennial TA in Engineering Award ($500)
2020	Stanford Community Impact Award
2020	Stanford Alumni Association Award of Excellence
2018	Firestone Medal for Excellence in Undergraduate Research ($500)
2018	Interdisciplinary Honors in Science, Technology, and Society
2017	General Electric Digital Technology Leadership Program

GRANTS

2021	UC Berkeley Chancellor's Advisory Committee Discretionary Fund ($24,000)
2021	American Sociological Association (ASA) Student Forum Travel Award
2021	UC Berkeley Dean's Graduate Diversity Innovation Fund ($1,500)
2020	McCoy Family Center for Ethics in Society Grant ($1,500)
2019 – 2020	Haas Center for Public Service Cardinal Course Grant ($2,000)
2019 – 2020	Haas Center for Public Service Community Engaged Learning and Research (CELR) Grant ($2,500)
2019 – 2020	Stanford Center for Teaching & Learning Teaching Advancement Grant ($1,500)
2019 – 2020	Stanford Computer Science Graduate Teaching Assistantship ($66,000 and tuition)

WORK EXPERIENCE

08/20 – present **Georgetown Center for Security and Emerging Technology (CSET)**, Washington, D.C.
Foretell Ambassador Board
Analyze and predict emerging technology policies in AI ethics and governance

11/19 – 08/20 **Stanford Institute for Innovation in Developing Economies (Stanford Seed)**, Stanford, CA
Program Assistant
Created course materials for the Seed Transformation Program, an entrepreneurship incubator program in emerging markets in India, West Africa, and East Africa

06/20 – 07/20 **Berkman Klein Center for Internet & Society at Harvard University (BKC),** Cambridge, MA
Summer Institute
1 of 23 students selected globally to join BKC for the Summer Institute, as part of an intellectual community in AI ethics and public policy

09/19 – 06/20 **Public Interest Technology Design Lab**, Stanford, CA
Instructor + Project Mentor
Designed new course (CS 184) for interdisciplinary student teams to work with partner organizations at the nexus of technology, policy, and design. Mentored teams working with Facebook AI and the Southern Poverty Law Center.

10/19 – 11/19 **American Civil Liberties Union (ACLU) Technology & Civil Liberties**, San Francisco, CA
Technology Legal-Policy Intern
Researched startups building face surveillance technology, how it might be used by government/law enforcement agencies, and what VC firms are funding the startups

7/18 – 9/18 **Federal Communications Commission (FCC),** Washington, D.C.
Office of Strategic Planning & Policy Analysis; Technology Policy Fellow
Conducted quantitative analysis on the effectiveness of the Connect America Fund (CAF), a program that provides federal monetary support for rural and low-income communities to access reliable Internet and broadband

INVITED CONFERENCE PRESENTATIONS

2021   "States, Finance, and Corporations: Mapping the Response to Climate Change" Harvard Business School, "International Governance, Business, and the State" June 9, 2021

INVITED CONFERENCE WORKSHOPS

2021   "Publishing Public Sociology" American Sociological Association 2021 Annual Conference

2021   "Challenges in Public Interest Tech Student Leadership" PIT Student Leaders Conference, Stanford Public Interest Tech Design Lab

INVITED TALKS

2020   "Towards a Geopolitics of the Internet." Stanford University Computer Science Undergraduate Research Symposium

2018   "A Break in the Cloud: Finding the Local in the Global Internet." Stanford Science, Technology, and Society Honors Thesis Symposium

SERVICE

2020 – 2021   Berkeley Journal of Sociology Editorial Team
2020   CS + Social Good Fellowship Interview Committee
2020   McCoy Family Center for Ethics in Society Prize Committee
2020   Stanford in Government Fellowship Interview Committee
2019 – 2020   Stanford Association for Sociology Graduate Students Diversity & Inclusion Co-Chair
2019 – 2020   Stanford Computer Science Diversity + Inclusion Committee Student Representative
2018 – 2019   Stanford Committee on Academic Computing and Information Systems Student Representative
2018 – 2019   Stanford Historical Society Student Representative
2017 – 2018   Student Advisory Committee of Program in Writing & Rhetoric
2017 – 2018   Stanford in New York Student Ambassador

FEATURED PRESS

1. Interviewed in Slate (2019) "The Techlash Has Come to Stanford" by April Glaser

PROFESSIONAL AFFILIATIONS

American Sociological Association
Society for Social Studies of Science