

Ke Nie

Advanced Data Group
Tencent America
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Professional Experiences

- 2023- Senior Data Scientist, *Tencent America*
- 2022 Data Scientist Intern - Experimentation, *Tencent America*

Education

- 2023 Ph.D. in Sociology (Specialization in Computational Social Science), *UC San Diego*
Dissertation: Steer the Sound: Organizing, Governing, and Practicing Music Creativity in China. (ASA DDRIG Sponsored)
- 2021 M.A. in Sociology, *UC San Diego*
- 2014 M.A. in Journalism, *Peking University*
- 2012 B.A. in German Language and Literature, *Peking University*
B.A. in Economics, *Peking University*

Peer-Reviewed Articles

- 2023 Nie, Ke. "Bowling to Five Pecks of Rice: How Online Monetization Programs Shape Artistic Novelty." *Chinese Sociological Review* 55:1, 66-95.
- 2022 Nie, Ke. "Inaccurate Prediction or Genre Evolution? Rethinking Genre Classification." *Proceedings of the 23rd International Society for Music Information Retrieval Conference*, 329-336.
- 2021 Nie, Ke. "Disperse and Preserve the Perverse: Computing How Hip-Hop Censorship Changed Music Genres in China." *Poetics* 88:101590.
 - * Winner of Communication, Information Technologies, and Media Section Best Student Paper Award, *American Sociological Association*
 - * Early Career Workshop Award, *Society for the Advancement of Socio-Economics*
 - * Media Coverage: *BBC*, *ASA CITAMS Newsletter*.

Work in Progress

- Nie, Ke. A sociological study of the machine learning of sound and music. (Submitted for review at *Oxford Handbook of the Sociology of Machine Learning*)
- Nie, Ke, and Thomas Medvetz. A sociological study of politics and artistic autonomy in 1960s China. (Preparing for submission)
- Nie, Ke. A sociological study of how cultural consumption works as strategy of compensating for cultural capital. (Preparing for submission)

Public Writing (Selected)

- 2022 "Interview with Socio-Economic Review's New Chief Editors, Akos Rona-Tas and Alya Guseva." *SASE Blog: Future Directions in Socio-Economics Research*.
- 2021 "Dispersion: How Artists in China Adapt to Censorship." *UC San Diego China Data Lab Blog*.
"Remembering Fou Ts'ong: A History of the Conflict between Art and Politics" (in Chinese). *The Initium*.
- 2018 "Pussy Riot's Break into the World Cup" (in Chinese). *The Initium*.
- 2017 "Who Has Hip-Hop in China?" (in Chinese). *The Paper*.

Awards

- 2022 Winner, Communication, Information Technologies, and Media Section Best Student Paper Award, *American Sociological Association*
Honorable Mention, Geoffrey Tootell Mathematical Sociology Outstanding Dissertation-in-Progress Award, *American Sociological Association*
- 2021 Early Career Workshop Award, *Society for the Advancement of Socio-Economics*
- 2020 Sixth College Outstanding TA of the Year Award, *UC San Diego*

Fellowship and Grants

- 2022 Doctoral Dissertation Fellowship (\$20,000), *Chiang Ching-kuo Foundation for International Scholarly Exchange*
Doctoral Dissertation Research Improvement Grant (\$16,000), *American Sociological Association (formerly managed by National Science Foundation)*
- 2021 Diversity & Inclusion Grant (\$420), *International Society for Music Information Retrieval*
Gregory C. Chow Fellowship (\$3,500), *Overseas Young Chinese Forum*
Joseph Naiman Fellowship (\$4,000), *UC San Diego*
Friends of the International Center Fellowship (\$2,000), *UC San Diego*
- 2020 Institute for Practical Ethics Data Analytics PhD Fellowship (\$5,000), *UC San Diego*
International Institute Graduate Research and Travel Awards (\$2,200), *UC San Diego*
School of Global Policy & Strategy Ichimore Student Research Award (\$1,473), *UC San Diego*
- 2019 Sociology Department Summer Grant (\$5,000), *UC San Diego*
Graduate Student Association Travel Grant (\$300), *UC San Diego*
- 2018 Library Travel Grant (\$700), *Stanford University*
- 2017 Sociology Department Fellowship (\$20,000), *UC San Diego*
- 2013 Wusi Scholarship, *Peking University*
- 2012-2014 School of Journalism and Communication Scholarship, *Peking University*

Invited Talks

- 2023 National Chengchi University. *Virtual meeting*.

- UC San Diego Computational Social Science Seminar. *La Jolla, CA, USA.*
- Emory University. *Virtual meeting.*
- 2022 Hong Kong University of Science & Technology. *Virtual meeting.*
- Duke Kunshan University. *Virtual meeting.*
- University College London School of Management. *Virtual meeting.*
- UC Santa Barbara Culture Workshop. *Virtual meeting.*
- 2021 UC San Diego Institute for Practical Ethics. *Virtual meeting.*
- UC San Diego School of Global Policy & Strategy 21st Century China Center. *Virtual meeting.*

Conference & Workshop Presentations

- 2023 American Sociological Association Annual Meeting. *Philadelphia, PA, USA.*
- 2022 23rd International Society for Music Information Retrieval Conference. *Bengaluru, India.*
- Academy of Management OMT Global Consortium. *Seattle, WA, USA.*
- Academy of Management OMT Doctoral Consortium. *Seattle, WA, USA.*
- Academy of Management Annual Meeting. *Seattle, WA, USA.*
- American Sociological Association Annual Meeting. *Los Angeles, CA, USA.*
- UC Berkeley Haas Culture Initiative Conference. *Virtual meeting.*
- 2021 American Sociological Association Annual Meeting. *Virtual meeting.*
- Society for the Study of Social Problems Annual Meeting. *Virtual meeting.*
- Academy of Management Annual Meeting. *Virtual meeting.*
- Society for the Advancement of Socio-Economics Annual Meeting. *Virtual meeting.*
- Society for the Advancement of Socio-Economics Early Career Workshop. *Virtual meeting.*
- Cultural Studies Association Annual Meeting. *Virtual meeting.*
- International Association for the Study of Popular Music - US Branch Annual Meeting. *Virtual meeting.*
- Quantitative China Studies Seminar, New York University. *Virtual meeting.*
- Pacific Sociological Association Annual Meeting. *Virtual meeting.*
- 2020 American Sociological Association Annual Meeting. *Virtual meeting.*
- UC San Diego Sociology Paper Workshop. *Virtual meeting.*
- Pacific Sociological Association Annual Meeting (canceled due to COVID-19).
- 2019 American Sociological Association Annual Meeting. *New York, NY, USA.*
- Pacific Sociological Association Annual Meeting. *Oakland, CA, USA.*
- 2018 The 12th Biennial Crossroads in Cultural Studies Conference of Association for Cultural Studies. *Shanghai University, Shanghai, China.*

Teaching Experience

- 2022-2023 Quantitative Research in Sociology with R, Instructor, *UC San Diego*
- 2021-2022 Quantitative Methods I & II (Doctoral-level), Teaching Assistant, *UC San Diego*

- 2020-2021 Science, Technology, and Society, Teaching Assistant, *UC San Diego*
 Gender and Work, Teaching Assistant, *UC San Diego*
 Law and Society, Teaching Assistant, *UC San Diego*
 Classical Sociological Theory, Teaching Assistant, *UC San Diego*
- 2019-2020 Science, Technology, and Society, Teaching Assistant, *UC San Diego*
 Sixth College Writing Program: Culture, Art, and Technology, Teaching Assistant, *UC San Diego*
 ✱ 2019-2020 Outstanding TA of the Year Award, Sixth College, *UC San Diego*
- 2018-2019 Social Inequality and Social Policy, Teaching Assistant, *UC San Diego*
 Economy and Society, Teaching Assistant, *UC San Diego*
- 2012-2013 Introduction to Journalism, Teaching Assistant, *Peking University*

Mentorship Experience

- 2022-2023 Sociology Research Apprenticeship Program, Mentor (for Yimei Shen and Cyrus Zomoroddian), *UC San Diego*
- 2021-2022 Sociology Graduate Program Quantitative Methods Consultant, *UC San Diego*
- 2020-2021 Sociology Research Apprenticeship Program, Mentor (for Yichen Wang and Alan Yung), *UC San Diego*
- 2019-2020 Sociology Research Apprenticeship Program, Mentor (for Tianze Zhang), *UC San Diego*

Research Assistant

- 2020 Chinese Law and Society (directed by Prof. Kwai Ng), Research Assistant, *UC San Diego*
- 2018 Fiscal Democracy Project (directed by Prof. Isaac W. Martin), Research Assistant, *UC San Diego*

Professional Service

- Ad hoc Reviewer for: *Academy of Management Annual Conference*, *American Sociological Review*, *Asian Studies Review*, *Chinese Sociological Review*, *Cultural Sociology*, *Journal of Chinese Sociology*, *Poetics*, *Socio-Economic Review*
- 2023 Distinguished Scholarly Publication Award Committee Member of the Sociology of Consumers and Consumption Section, *American Sociological Association*
 Best Student Paper Award Committee Member of the Sociology of Communication, Information Technologies, and Media Section, *American Sociological Association*
- 2022 Graduate Student Council Member of the Sociology of Consumers and Consumption Section, *American Sociological Association*
 Administrator & Co-chair of Computational Social Science Reading Group, *TechnoSoc: Sociologists of Digital Things*
- 2021-2022 Graduate Student Intern Editor, *Socio-Economic Review*
 Blog Editor, *Society for the Advancement of Socio-Economics*
- 2021 Volunteer, *International Society for Music Information Retrieval Conference*
- 2020-2021 Department of Sociology Graduate Program Committee, Student Representative, *UC San Diego*

- 2020- Sociology Quant CoLab (Computational & Quantitative Methodology Workshop Series), Co-Founder & Chief Executive, *UC San Diego*
- 2019 Sociology Graduate Conference, Chair of Conference Committee, *UC San Diego*

Professional Training

- 2019 Data Science Workshop, *American Statistical Association*
China Data Lab Bootcamp (Causal Inference, Topic Modeling, Web Scraping, Data Visualization), *UC San Diego*
- 2018 Text Mining, *UC San Diego Extension*

Academic Affiliations

Academy of Management, American Sociological Association, Pacific Sociological Association, Society for the Advancement of Socio-Economics, International Society for Music Information Retrieval

Languages

Mandarin (native), English (professional), German (fluent), Japanese (intermediate)

Softwares

Programming & Statistics: R, Python, SQL, Stata, Git, \LaTeX

Music: Logic, Cubase

References

Dr. Amy J. Binder
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