Ke Nie

Advanced Data Group, IEGG
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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. "Bowing 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 UC San Diego Computational Social Science Seminar (upcoming). *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 (upcoming). *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
Professor & Committee Co-chair
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University of California, San Diego
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