

JIN AI, PHD

Newark, NJ

jin.ai@rutgers.edu | [Google Scholar](#) | [LinkedIn](#)**RESEARCH INTERESTS**

Science, Technology, & Innovation Policy | Computational Social Science |
Artificial Intelligence & Algorithmic Governance | Philanthropy & Nonprofit

ACADEMIC APPOINTMENT**Rutgers University-Newark, School of Public Affairs and Administration**

Assistant Professor in Emerging Technologies and Digital Governance, 2025-present

University of Pennsylvania, School of Social Policy and Practice

Postdoctoral Fellow in Data Science and Nonprofit Leadership, 2024-2025

EDUCATION**Indiana University, Lilly Family School of Philanthropy**

Ph.D. in Philanthropic Studies

Renmin University of China, School of Public Administration and Policy

Master of Public Administration

China University of Political Science and Law, School of Political Science and Public Administration Bachelor of Public Management, *Summa Cum Laude***WORKING PAPERS****Under Review**

Ai, J., Steinberg, R., Guo, C., & Silva, F.N. A Typology for Recognizing Science Innovation.
Preprint available at <https://doi.org/10.48550/arXiv.2506.17851> [**Under Review**]

Ai, J., Steinberg, R., Guo, C., & Silva, F.N. Constructing the Field of Philanthropic and Nonprofit
Studies Using Large Language Models. [**R&R**]

In Preparation

Funding and Science Innovations with Silva, F.N., Dalsgaard, J., and Ren, C.

Linking Funding Landscapes: A Comparative Study of Global Science Funding with Silva,
F.N., and Dalsgaard, J.

Public Participation in AI Policymaking with Sara Abdulla

Emerging Landscape of AI-Powered Nonprofits

Volunteering Contagion between Adult Siblings with Konrath, S., and Handy, F.

PUBLICATIONS

Peer-Reviewed

- [5] Herzog, P.S., **Ai, J.**, Osili, U., Clark, C., & Kou, X. (2023). Bibliometric Applications in Social Science Research: The Social Network Context of Generosity. *IntechOpen*.
<http://doi.org/10.5772/intechopen.112953>
- [4] Paarlberg, L.E., **Ai, J.**, LePere-Schloop, M., & Walk, M. (2023). The Political Embeddedness of Voluntary Action: The Case of Local Philanthropic COVID-19 Relief Funds. *Administration & Society*, 55(7), 1402-1431. <https://doi.org/10.1177/00953997231177217>
- [3] Herzog, P.S., **Ai, J.**, & Ashton, J. (2022). Applying Bibliometric Techniques: Studying Interdisciplinarity in Higher Education Curriculum. *Computation*, 10(2):26.
<https://doi.org/10.3390/computation10020026>
- [2] Paarlberg, L.E., LePere-Schloop, M., Walk, M., **Ai, J.**, & Ming, Y. (2020). Activating Community Resilience: The Emergence of COVID-19 Funds Across the United States. *Nonprofit and Voluntary Sector Quarterly*, 49(6), 1119-1128. <https://doi.org/10.1177/0899764020968155>
- [1] Zhang, T., **Ai, J.**, & Han, P. (2017). The Development of Rational Online Participation Mechanisms from The Perspective of Risk Society Governance. *Modern Management Science* (Chinese Language), 2, 64-66. [doi: 10.3969/j.issn.1007-368X.2017.02.021](https://doi.org/10.3969/j.issn.1007-368X.2017.02.021)

Non-Peer-Reviewed

- [5] **Ai, J.** (2023). How to Measure Novelty of Interdisciplinary Research? A Network Structural Approach. *International Society for Scientometrics and Informetrics. 19th International Conference on Scientometrics & Informetrics Proceedings: Volume 3*. <https://doi.org/10.5281/zenodo.11163417>
- [4] Paarlberg, L.E. & **Ai, J.** (2023). The United Way, in K.P. Kearns & W.J. Wang (Eds), *Elgar Encyclopedia of Nonprofit Management, Leadership and Governance*, Edward Elgar Publishing Ltd. (Book Chapter)
- [3] **Ai, J.**, Cart-Turner, L. Horning, C., & Paarlberg, L.E. (2021). Understanding Cooperation in the Face of Competition: Cooperative Dynamics between Community Foundations and Local United Ways. <https://hdl.handle.net/1805/26481>. (Preprint)
- [2] Paarlberg, L.E., LePere-Schloop, M., Horning, C., & **Ai, J.** (2020). The Landscape of Community Philanthropy: Navigating Relationships between Local United Ways and Community Foundations. <http://hdl.handle.net/1805/25309>. (Technical Report)
- [1] Zhang, Y. & **Ai, J.** (2016). 2016 [Observation Report](#) on China's Third Sector: Resource-Reputation Exchange Theory and Its Application in Nonprofit-Corporate Collaboration. New Jersey, US: Huamin Research Center, Rutgers University. (Technical Report)

FUNDED GRANTS

Co-PI with P.I. Jamie Goodwin, combined a **\$7,878** grant for Humanitarian Crisis Volunteering: A Social Network Perspective. Granted by Kindness.org (KindFund, \$4,800) and the Midwest Sociological Society (MSS) Grant for Research (\$3,078), 2022-24.

Student P.I., combined **\$4,950** grant for dissertation research - Finding Novel Ideas in Philanthropic Studies. Issued by *Ph.D. Block Research Grant* (\$2,250), *Emily Book Fund* (\$1,200), and *Student Travel Grant* (\$1,500) at Indiana University, Lilly Family School of Philanthropy, 2021-24.

FELLOWSHIPS AND AWARDS

CSS Fellow, The Summer Institutes of Computational Social Science (SICSS-PENN), 2024
 Dickenson-Stone-Ilchman Fellow (\$3,000 awards), Indiana University, 2021-23
 Doctoral Dissertation Fellowship, ARNOVA, 2020
 Graduate Diversity Scholars & Leaders Program, ARNOVA, 2018-20
 University Travel Fellowship Award (\$2,350), Indiana University, 2021-23
 Graduate & Professional Educational Grant (\$2,500), Indiana University, 2019-23
 Honored Graduate Students (Top 3%), Beijing Municipal Education Commission, 2014
 Outstanding Student Leader (Top 1%), Beijing Municipal Education Commission, 2014
 Innovative Research Scholarship (Top 5%), China Univ. of Political Science and Law, 2013

CONFERENCE PRESENTATIONS (SELECTED)

- 2025** Philanthropic Funding in Scientific Innovation. Association for Public Policy Analysis & Management (**APPAM**), Nov 2025. Seattle, WA. (with Silva, F.N., Dalsgaard, J., and Ren, C.)
- Linking Funding Landscapes: A Comparative Study of Global Science Funding. International Society for Computational Social Science (**IC²S²**), July 2024. Norrköping, Sweden. (with Silva, F.N. and Dalsgaard, J.)
- Philanthropic Funding in Scientific Innovation. **IC²S²**, July 2024. Norrköping, Sweden. (with Silva, F.N., Dalsgaard, J., and Ren, C.)
- Linking Funding Landscapes: A Comparative Study of Global Science Funding. International Society for Computational Social Science (**ICSSI**), Jun 2025. Copenhagen, Denmark. (with Silva, F.N. and Dalsgaard, J.)
- Nonprofit Interventions on AI Policy: Participation, Focus, and Effectiveness. American Society for Public Administration (**ASPA**), Mar 2025. Washington, DC. (with Abdulla, S.)
- 2024** What Does AI Tell Us about the field of Philanthropic and Nonprofit Studies? **ARNOVA**, November 2024. Washington, DC. (with Steinberg, R., Guo, C., and Silva, F.N.)
- Network Approach to Research Novelty: Typology and Metrics. **IC²S²**, July 2024. Philadelphia, PA. (with Silva, F.N., Guo, C., and Steinberg, R.)
- Network Approach to Research Novelty: Typology and Metrics. **ICSSI**, July 2024. Washington, DC. (with Silva, F.N., Guo, C., and Steinberg, R.)
- 2023** Knowledge Evolution in Philanthropic and Nonprofit Studies: A Novelty Perspective. **ARNOVA**, November 2023. Orlando, FL.
- The State of Nonprofit Research in East Asia: A Bibliometric Analysis. **ARNOVA-Asia** (Virtual), July 2023. Tokyo, Japan. (with Guo, C. and Zhang, Z.)
- How to Measure Novelty of Interdisciplinary Research? A Network Structural Approach. Intl. Society for Scientometrics and Informetrics (**ISSI**), July 2023. Bloomington, IN.

- 2022** The Multidimensional Contagion of Volunteering Between Adult Siblings. **ARNOVA**, November 2022. Raleigh, NC. (with Konrath, S., and Handy, F.)
***Nominated for the ARNOVA Best Conference Paper Award**
- The Multidimensional Contagion of Volunteering: The Spread of Volunteering Behaviors and Psychological Factors. Science of Philanthropy Initiative (**SPI**), September 2022. Indianapolis, IN. (with Konrath, S., and Handy, F.)
- The Development of Network Theorizing. Network Science Society (**NetSci**) (Virtual), July 2022. Shanghai, China.
- 2021** Understanding Cooperation in the Face of Competition: Coopetitive Dynamics Between Community Foundations and Local United Ways. **ARNOVA**, November 2021. Atlanta, GA. (with Cart-Turner, L.G., Paarlberg, L.E., and Horning, C.)
- Understanding Multifaceted Inter-Organizational Roles of Community Philanthropic Organizations during the COVID-19 Pandemic through the Lens of Semantic Relationships. Networks 2021: A Joint **Sunbelt** (International Network for Social Network Analysis) and **NetSci** (Virtual), July 2021. Bloomington, IN.
- 2019** The Effect of Proximity on Mission Convergence: The Case of the Local United Ways and Community Foundations. **ARNOVA**, November 2019. San Diego, CA. (with Paarlberg L.E. and LePere-Schloop, M.)
- Adaptation in Community Philanthropy: Mission Orientation of Local United Ways and Community Foundations. West Coast Nonprofit Data Conference (**WCND**), April 2019. Phoenix, AZ. (with Paarlberg, L.E. and LePere-Schloop, M.)

TEACHING EXPERIENCE

Rutgers University-Newark (RU-N), School of Public Affairs and Administration

20:834:510:01: AI for Government and Nonprofits. In-Person.
 20:834:521:91: Technology and Public Administration. Online.

University of Pennsylvania (UPenn), School of Social Policy and Practice

NPLD 7890: AI & Emerging Technologies for Nonprofits. Online.
 NPLD 7860 (**Co-Instructor**): Strategic Management and Leadership of Nonprofits. In-person.

Indiana University (IU), Lilly Family School of Philanthropy

Co-Designer

PHST 555: Do No Harm: Grantmaking for Good. 2024.
 PHST 530: Economics & Philanthropy. 2023.
 PHST 555: Building Board Culture. 2023.
 Certificate Program at The Fund Raising School. *"Using Data for Good"* Executive Education Workshop. 2023.

Teaching Assistant (Lecturer Experience)

PHST 210: Philanthropy and the Social Sciences. In-person. 2023 & 2021.
 PHST 201: Introduction to Philanthropic Studies. In-person. 2022.
 PHST 524: Civil Society in Comparative Perspective. In-person. 2022.

PHST 530: Data for Good. Online. 2022.
PHST 370: Learning by Giving. In-person. 2022.

Teaching Assistant

PHST 532: Applying Ethics in Philanthropy. Online. 2018.
PHST 401: Ethics & Values of Philanthropy. In-person. 2018.
PHST 530: Philanthropy Ethics East & West. Hybrid. 2017.

INVITED TALKS

Workshop Speaker, University of Pennsylvania, School of Social Policy & Practice, Nonprofit Leadership Program. *Lunch & Learn Workshop: AI & Technology for Nonprofits*. 2024.

Guest Lecturer, Wheaton College, HDI 554: *Monitoring, Evaluation, and Learning for NGOs*. Lecture on interpreting statistics in quantitative nonprofit research, followed by a Q&A session with ~20 students. Presented in collaboration with the course instructor, 2020.

SKILLS

Language: Mandarin Chinese, English.
Programming Language: Python, RStudio, SQL.
Others: Adobe Illustrator, High-performance Computing (HPC), LaTeX.

ACADEMIC AND VOLUNTEER SERVICE

Reviewer, *Nonprofit and Voluntary Sector Quarterly*, *Nonprofit Management & Leadership*, *Academy of Management Conference Proceedings*, *International Conference of Computational Social Science*, *Emotions*.

Conference Track Chair, International Society for Third-Sector Research (ISTR). 2025-26.

Conference Panel Chair, ARNOVA. 2018, 2021-23.

Committee Service, Student representative at the Academic Programs Assessment Committee, IU Lilly Family School of Philanthropy. 2020-22.

Workshop Organizer, Philanthropy Research Workshop, IU Lilly Family School of Philanthropy. 2019.

Symposium Coordinator, The International Symposium on Philanthropy and Commerce, China Institute for Philanthropy and Social Innovation, Renmin University of China, Beijing, China, 2018.

PROFESSIONAL MEMBERSHIPS

Association for Public Policy Analysis & Management (APPAM)
Association for Research on Nonprofit Organizations and Voluntary Actions (ARNOVA)
International Society for Computational Social Science (IC²S²)
American Society for Public Administration (ASPA)