Anthony Howell

Curriculum Vitae

November 2026

Address: ASU School of Public Affairs
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Employment and Academic Affiliations

School of Public Affairs, Arizona State University, Phoenix, AZ

2023–Present **Director**, Center on Technology, Data, & Society

2022–Present **Associate Professor**, Public Policy and Management

2019–2022 Assistant Professor, Public Policy and Management

ASU Cross-Unit Affiliations:

2020–Present Faculty Affiliate, ASU Geographical Sciences & Urban Planning School

2019–Present Senior Sustainability Scientist, Global Institute of Sustainability

2019–Present Faculty Affiliate, Spatial Analysis Research Center

School of Economics, Peking University, Beijing, China

2018–2019 Associate Professor, Applied Microeconomics

2014–2018 Assistant Professor, Applied Microeconomics

Visiting Appointments and Professional Experience

2024 Sponsored Research Fellow, Law, Economics, and Management, Université Côte d'Azur

2019 Research Fellow, Economic Research Department, Asian Development Bank

2018 Visiting Lecturer, Economics and Business Administration, Chongqing University

2017 Mirzayan S&T Policy Fellow, Policy and Global Affairs, National Academies of Sciences

2013–2014 Visiting Doctoral Student, School of Economics, Peking University

2012–2013 Fulbright Scholar (China), Lincoln Institute Urban Development, Peking University

2011–2013 Research Affiliate, California Center for Population Research, UCLA

2006 Research Fellow, Geographical Sciences Institute, Chinese Academy of Sciences

Research Funding (External and Internal)

2026–Present Accountability and Reform Research Consortium, *Volcker Alliance*; Role: PI

2025–2026 Economic Futures Program, *Anthropic*; Role: PI

2024–2026 *U.S. National Science Foundation*; Role: Co-PI with M. Feldman & L. Lanahan

2024–2026 *National Research Foundation of South Korea*; Role: Co-PI with Y. Kim

2019–2024 Intramural, *Arizona State University*; Role: PI

2016–2019 Early Career Scientist Award, *China National Science Foundation*; Role: PI

2014–2019 Intramural, *Peking University*, Role: PI

Editorial Appointments

2026–Present Editor, Geographic Methods, Annals of the American Association of Geographers (IF: 4.2)

2026–Present Editorial Board Member, Management and Organization Review (IF: 4.1)

2021–Present Editorial Board Member, Progress in Economic Geography, Urban Governance

2017–2018 Guest Editor, Economic Modelling

Education

2009–2014 Ph.D. Geography, UCLA (Thesis: Agglomeration, Industrial Policy and Firm Performance)

2009–2012 M.S. Statistics, UCLA (Thesis: Statistical Network Analysis of World Trade)

2007–2009 M.S. Geography/GIScience, Michigan State University

2007–2009 B.A. Chinese Language and Culture (equiv.), Michigan State University

2002–2007 B.A. Political Science, Michigan State University

2002–2006 B.A. International Development, Michigan State University

Research: Productivity, Impact, Engagement, and External Funding

Research Productivity

Publications: 37 peer-reviewed articles in 30 unique journals (5.7 mean IF)
- **13** articles as **Associate Professor** at ASU (**6.6** mean IF)
- 11 articles as Assistant Professor at ASU (4.9 mean IF)
- 13 articles prior to joining ASU (5.2 mean IF)

Collaboration Network: 40 co-authors: 60% early-career scholars (includes 10 graduate students)
Author Contributions: 57% sole-author, 30% lead-author, 13% contributing author
Sole-Author Features: Nature Human Behaviour, Journal of Development Economics, Journal of Urban Economics, Energy Economics, Research Policy
Research Software/Data: Geography of Skills (Dashboard; Dataset); Entitymatch (Python Package)

Research Impact

Citations: Google Scholar Profile: 2,200+ total; h-index: 23
- **1,365+** as **Associate Professor** at ASU
- 579 as Assistant Professor at ASU
- 256 prior to joining ASU

Interdisciplinary Reach: Share of citations by field; top citing journals:
- Economics/Policy (40%): *J. of Urban Economics*, *Applied Economics*
- Geography/Environment (24%): *J. Regional Science*, *Sustainability*
- Business/Management (22%): *Research Policy*, *Industrial/Corp. Change*
- Other (14%): *Annual Review of Sociology*, *China Quarterly*

Policy Reach: Cited in policy and advocacy, including
- Policy/research institutions: *Brookings*, *PIIE*, *NBER*
- Advocacy groups: *International Crisis Group*, *Saferworld*

Policy Communication: Authored invited pieces translating research for policy audiences
- VoxChina – leading outlet on China's economy and policy
- Tax and Transfer Policy Institute – policy briefs on fiscal policy

Global Engagement and Scholarly Visibility

Invited Talks: 23 sponsored speaking engagement invitations
- 12 invitations as **Associate Professor** at ASU
- Notable venues: University of Chicago, University of Notre Dame, Chinese University of Hong Kong, and China Ministry of Education

Media Coverage: 12 news features across local, national, and international outlets, including
- Print/online: *Wall Street Journal*, *Science* (news), *The Diplomat*, *ASU News*
- Broadcast: *Swiss Broadcasting Corp.*, *Arizona's Family* (3TV/CBS 5)

Conferences: 59 presentations at professional conferences
- **13** as **Associate Professor** at ASU
- 7 as Assistant Professor at ASU
- 39 prior to joining ASU

Geographic Reach: China/HK (45%), US/Canada (40%), Europe (11%), Asia-Pacific (4%)

Funding Summary

Total Funding: $586,000 (as PI or Co-PI)
External Funding: $423,000 external (72%)
- **$343,000** as **Associate Professor** at ASU
- $80,000 prior to joining ASU

Grant-Funded Training: 6 students supported on funded projects: 4 graduate, 2 undergraduate

External Funded Research and Workforce Training

2026–Present **Accountability and Reform Research Consortium, *Volcker Alliance*; Role: PI.**
– **Project:** Examines how the federal Deferred Resignation Program affects the U.S. science and technology agencies that govern national innovation (NSF, USPTO, NIST), measuring capacity by what agencies deliver (grants awarded, patents examined, standards published) rather than by headcounts.

2025–Present **Economic Futures Program, *Anthropic*; Role: PI ($30,000).**
– **Project:** Examines how frontier AI adoption reshapes labor demand across U.S. local labor markets, using 433.6 million Lightcast job postings to quantify changes in (i) hiring intensity and occupational composition, and (ii) job requirements, including skills, education, and experience. The project develops LLM-assisted measurement pipelines to classify job tasks and requirements at scale, and applies quasi-experimental designs to estimate how AI capability shocks shift demand for different categories of work and worker attributes.
– **Workforce training:** Supported **one graduate student hire** to build applied skills in (i) large language models for measurement and text classification, and (ii) causal inference for labor-market policy analysis.

2024–Present **NSF EAGER, *U.S. National Science Foundation*; Role: Co-PI with Feldman & Lanahan ($197,000).**
– **Project:** Evaluates the socio-economic effects of place-based innovation policy, using the U.S. NSF Regional Innovation Engines program as a setting to study local economic restructuring: (i) firm dynamics and performance (entry, growth, innovation), (ii) regional industrial composition and knowledge networks, and (iii) labor-market impacts, estimating direct effects in funded regions and spillovers to surrounding labor markets with administrative and business microdata.
– **Workforce training:** Supported **one graduate student hire and one undergraduate hire** to train in policy evaluation, causal inference, and reproducible research workflows using large-scale regional economic data.

2024–2026 ***National Research Foundation of South Korea*; Role: Co-PI with Kim ($116,000).**
– **Project:** Develops multimodal large language models as measurement instruments for public policy analysis where official statistics are missing or limited, testing whether they can (i) infer policy-relevant indicators from imagery and text, (ii) serve as an independent *audit* layer when administrative data are incomplete or delayed, and (iii) support experimentally validated protocols that quantify uncertainty and bias.
– **Workforce training:** Trained **two graduate students** in LLM-based measurement, experimental validation designs, and implementation of scalable, ethics-aware computational pipelines for policy monitoring.

2016–2019 **Early Career Scientist Award, *China National Science Foundation*; Role: PI ($80,000).**
– **Project:** Used large-scale proprietary microdata to estimate how industrial policy and place-based development programs shape the innovation, productivity, and international competitiveness of Chinese firms (R&D, patenting and commercialization, exporting), identifying which program designs generate durable competitiveness rather than short-run gains.
– **Workforce training:** Trained **one undergraduate student** in causal analysis methods for policy evaluation.

Research Output

Research Software & Data (Open-Source)

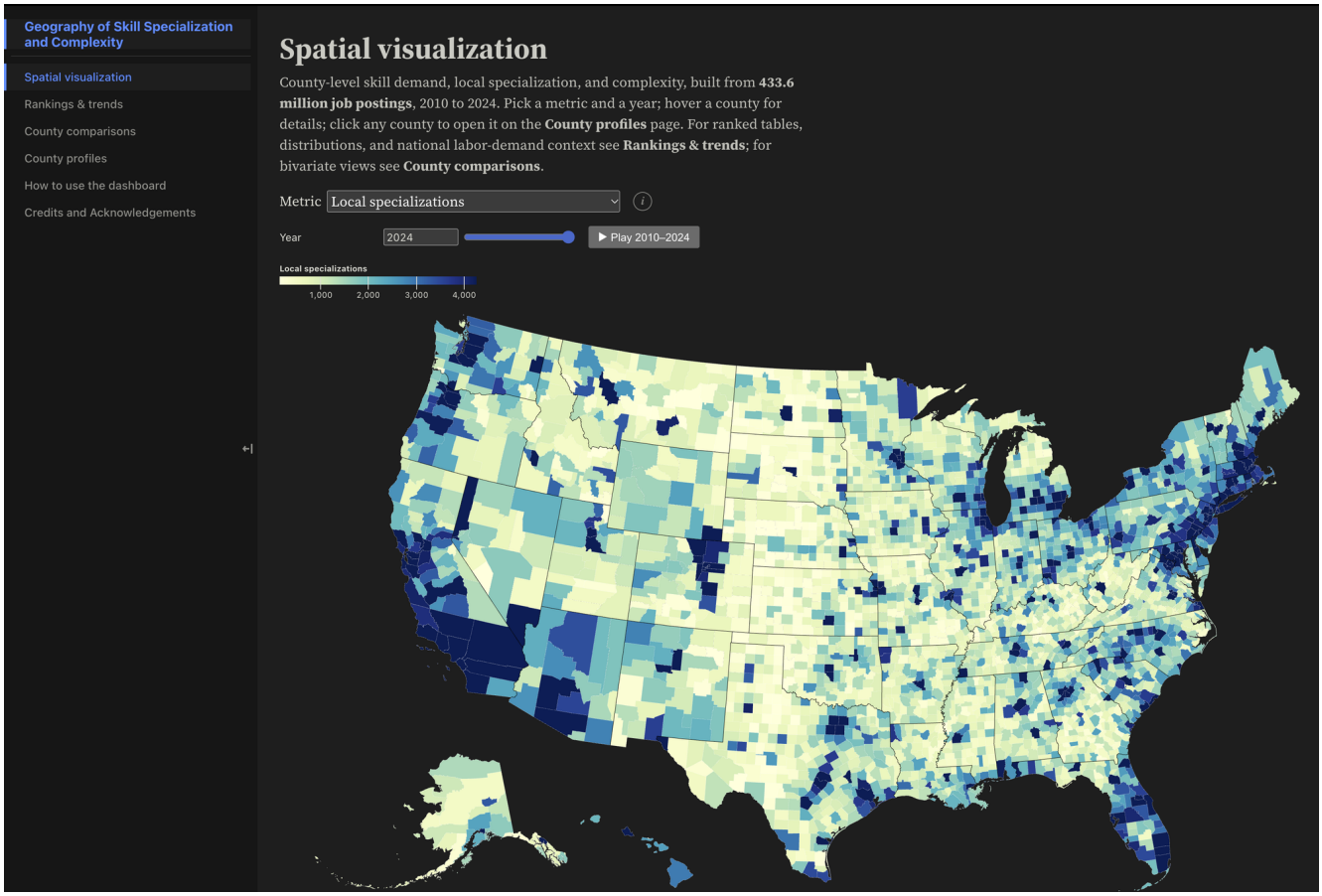


Fig. 1. *Public dashboard: U.S. geography of skill specializations and complexity from nearly half a billion job postings. Live at skills-econ-geog.netlify.app.*

- **Howell, A.** (2026). *Geography of Skill Specialization and Complexity* [Dashboard; Fig. 1]. DOI | Live at: skills-econ-geog.netlify.app.
  - Interactive web application for exploring U.S. skill specialization, relatedness, and complexity across 3,194 counties (2010–2024). Supports spatial visualization, rankings and trends, county comparisons, and longitudinal county profiles.
- **Howell, A.** (2026). *A U.S. county panel of skill specialization, relatedness, and complexity, across employer entity type* [Dataset]. DOI | GitHub.
  - County-year panel built from 433.6 million Lightcast job postings (2010–2024), covering 3,194 counties and decomposed by employer entity type (corporate, university, government, federal lab); includes skill specialization, relatedness, and complexity measures.
- **Howell, A.** (2026). *entitymatch* [Software]. PyPI | GitHub.
  - Python package for semantic entity matching with geographic blocking and LLM validation, linking entity records across messy datasets using sentence-transformer embeddings, two-tier geographic blocking, and optional LLM-based validation.

Manuscripts (Revisions Requested)

WP.1. **Howell A.**, Feldman M., Lanahan L., Kalathil N. and Johnson E. (2026). "An economic geography dataset of U.S. skill specialization, relatedness, and complexity". *Scientific Data* (Revisions Requested).

WP.2. Prud'homme D.**, Howell A.**, Duenas M., Campi M., Andrews D., Yoon D. and Park W. (2025). "Effects of a Supranational Intellectual Property Institution Reform on Firm Innovation and Commercialization Outcomes". *Strategic Management Journal* (Revisions Requested).

WP.3. **Howell A.** (2026). "Place-based policy reversal, place-bound uncertainty, and firm innovation: Evidence from China". *Strategic Entrepreneurship Journal* (Revisions Requested).

WP.4. **Howell A.** (2025). "Zone Closures, Agglomeration Disruption, and Export Performance: Evidence from Chinese Firms". *Regional Science and Urban Economics* (Revisions Requested).

WP.5. **Howell A.** (2026). "To adapt in place or space: Local ethnic ventures, climate mobility and the role of a guaranteed minimum income in China". *Journal of the Association of Environmental and Resource Economists* (Revisions Requested).

Manuscripts (Under Review)

WP.6. Kim Y., Cho H.-C.*, Kim H., Ko Y.**, Howell A.**, Corley E. and Cha J. (2025). "How Workflow Design and Political Framing Shape LLM Assessments of Equity in Climate Action Plans". (Under Review).

WP.7. **Howell A.** (2025). "State-Led Industrial Relocation, Export Competitiveness, and Spatial Inequality". (Under Review).

WP.8. **Howell A.** (2025). "Transformative AI and Jobs: New Measures and Evidence". (Under Review).

WP.9. **Howell A.** (2025). "Local Labor Market Effects of Artificial Intelligence". (Under Review).

Published Articles

Notes: Items are numbered in reverse chronological order, from most recent (37) to earliest (1).
Graduate student co-authors are indicated with an asterisk (*).

Associate Professor, ASU (2022–Present): 13 articles, 6.6 mean IF

37. **Howell A.**, Wang J., Yu L.*, Melkers J. and Shah V.* (2026). "Prestige over Merit: An adapted audit of Large Language Model bias in peer review". In: Scientific Reports *(Forthcoming; **IF: 3.9**)*.

36. **Howell A.**, Wu N.*, Bagchi-Sen S., Kim Y. and Sun Q. C. (2026). "Multimodal Large Language Models, Street View Images and Urban Policy-Intelligence: Recovering the Sustainability Effects of Redlining". In: npj Urban Sustainability *(**IF: 8.8**)*.

35. Mughan S., Singla A. and **Howell A.** (2026). "Regulation or Revenue? The Role of Selective Taxes in Housing Policy". In: Public Budgeting & Finance *(Forthcoming; **IF: 1.2**)*.

34. Berg A.*, **Howell A.** and Bagchi-Sen S. (2025). "Local Labor Market Dynamics, Ethnic Migration and Income Disparities in a U.S. Metropolitan Workforce". In: Journal of Economic Geography *(**IF: 4.5**)*.

33. **Howell A.** (2025). "Cash transfers, ethnicity and the household energy poverty gap in rural China". In: *Energy Economics (**IF: 14.2**)*.

32. **Howell A.** (2024). "Rural road stimulus and the role of matching mandates on economic recovery in China". In: *Journal of Development Economics (**IF: 4.6**)*.

    ► *Science Communications:* Policy summary available at VoxChina

31. **Howell A.** (2024). "Spatioethnic Household Carbon Footprints in China and the Equity Implications of Climate Mitigation Policy: A Machine Learning Approach". In: *Annals of the American Association of Geographers (**IF: 4.2**)*.

30. **Howell A.**, Mughan S. and Singla A. (2024). "Heterogeneous effects of a foreign buyer tax on house prices in New South Wales". In: *Journal of Economic Geography (**IF: 4.5**)*.

    ► *Science Communications:* Policy summary available at Austaxpolicy

29. Caldarulo M.*, Mossberger K. and **Howell A.** (2023). "Broadband Adoption and Student Academic Achievement". In: *Telecommunications Policy (**IF: 6.4**)*.

28. **Howell A.**, Li R. G.*, Bagchi-Sen S. and Lobo J. (2023). "Disentangling agglomeration economies from selection under policy distortions in China". In: *Regional Studies (**IF: 5.1**)*.

27. **Howell A.** (2022). "Impact of a Guaranteed Minimum Income Program on Rural-Urban Migration in China". In: *Journal of Economic Geography (**IF: 4.5**)*.

26. **Howell A.** (2022). "Socio-economic impacts of scaling back a massive payments for ecosystem services program in China". In: *Nature Human Behaviour (**IF: 19.7**)*.

25. **Howell A.**, Li R. G.*, Feldman M. and Qian H. (2022). "Agglomeration, Recombinant Innovation and Market Reforms in China". In: *Economics of Innovation and New Technology (**IF: 3.3**)*.

Assistant Professor, ASU (2019–2022): 11 articles, 4.9 mean IF

24. Boeing P., Eberle J.* and **Howell A.** (2021). "The impact of China's R&D subsidies on R&D investment, technological upgrading and economic growth". In: *Technological Forecasting and Social Change (**IF: 13.3**)*.

23. Singla A., Mughan S. and **Howell A.** (2021). "The Effects of the COVID-19 Crisis on the City of Phoenix's Budget and Creditworthiness". In: *Municipal Finance Journal*.

22. **Howell A.** (2020). "Minimum Wage Impacts on Han-Minority Workers' Wage Distribution and Inequality in Urban China". In: *Journal of Urban Economics (**IF: 4.8**)*.

21. **Howell A.** (2020). "Picking 'Winners in Space:' Impact of Local Industrial Support Policy on Firm Productivity in China". In: *Journal of Regional Science (**IF: 2.7**)*.

20. **Howell A.**, Liu C. and Yang R. (2020). "Impact of China's Economic and Development Zone Program on Selection and Agglomeration Economies". In: *Environment and Planning A: Economy and Space (**IF: 4.4**)*.

19. **Howell A.**, Worack S.* and Jia L.* (2020). "Going out to innovate more at home: Impacts of outward direct investments on Chinese firms' domestic innovation performance". In: *China Economic Review (**IF: 5.5**)*.

18. **Howell A.** (2019). "Agglomeration, Absorptive Capacity and Knowledge Governance: Implications for Public-Private Firm Innovation in China". In: *Regional Studies (**IF: 5.1**)*.

17. **Howell A.** (2019). "Clustering Effects on Firm Exporting with Productivity-Enhancing R&D in China". In: *The World Economy* (***IF: 2.4***).

16. **Howell A.** (2019). "Heterogeneous Impacts of China's Economic and Development Zone Program". In: *Journal of Regional Science* (***IF: 2.7***).

15. **Howell A.** (2019). "Industry Relatedness, FDI Liberalization and the Indigenous Innovation Process in China". In: *Regional Studies* (***IF: 5.1***).

14. **Howell A.** (2019). "Relatedness Economies, Absorptive Capacity and Economic Catch-up: Firm-Level Evidence from China". In: *Industrial and Corporate Change* (***IF: 3.0***).

Prior to Joining ASU (2011–2019): 13 articles, 5.2 mean IF

13. **Howell A.** (2018). "Ethnic Entrepreneurship, Initial Financing, and Business Performance in China". In: *Small Business Economics* (***IF: 7.9***).

12. **Howell A.**, He C., Yang R. and Fan C. (2018). "Agglomeration, (Un)-Related Variety and New Firm Survival in China: Do Local Subsidies Matter?" In: *Papers in Regional Science* (***IF: 2.4***).

11. **Howell A.** and Yang L. (2018). "Turning Points in the Chinese Civil War". In: *Australian Economic History Review* (***IF: 0.4***).

10. **Howell A.** (2017). "Impacts of Migration and Remittances on Ethnic Income Inequality in Rural China". In: *World Development* (***IF: 4.8***).

9. **Howell A.** (2017). "Marshallian Sources of Relatedness and their Effects on Firm Survival and Subsequent Success in China". In: *Economic Geography* (***IF: 8.4***).

8. **Howell A.** (2017). "Picking 'Winners' in China: Do Subsidies Matter for Indigenous Innovation and Firm Productivity?" In: *China Economic Review* (***IF: 5.5***).

7. **Howell A.** (2016). "Firm R&D, Innovation and Easing Financial Constraints in China: Does Corporate Tax Reform Matter?" In: *Research Policy* (***IF: 8.0***).

6. **Howell A.**, He C., Yang R. and Fan C. (2016). "Technological Relatedness and Asymmetrical Firm Productivity Gains Under Market Reforms in China". In: *Cambridge Journal of Regions, Economy and Society* (***IF: 5.7***).

5. **Howell A.** (2015). "'Indigenous' Innovation with Heterogeneous Risk and New Firm Survival in a Transitioning Chinese Economy". In: *Research Policy* (***IF: 8.0***).

4. **Howell A.** (2013). "Chinese Minority Income Disparity in Urumqi: An Analysis of Han-Uyghur Labour Market Outcomes in the Formal and Informal Economies". In: *China: An International Journal*.

3. **Howell A.** (2013). "Is Geography Dead or Destiny in a Globalizing World? A Network Analysis and Latent Space Modeling Approach of the World Trade Network". In: *Journal of Globalization Studies*.

2. **Howell A.** (2011). "Labor Market Segmentation in Urumqi, Xinjiang: Exposing Labor Market Segments and Testing the Relationship between Migration and Segmentation". In: *Growth and Change* (***IF: 2.9***).

1. **Howell A.** and Fan C. (2011). "Migration and Inequality in Xinjiang: A Survey of Han and Uyghur Migrants in Urumqi". In: *Eurasian Geography and Economics (**IF: 2.9**)*.

Book Chapters

2. **Howell A.** (2018). "Chinese Innovation and Firm Performance: A Structural Approach with Spillovers". In: *Avoiding the Middle-Income Trap in Asia: The Role of Trade, Manufacturing, and Finance*. Ed. by P. Morgan, G. Wan and B. Huang. Asian Development Bank.

1. **Howell A.**, Gustafsson B. and Ding S. (2017). "Investigating the Patterns and Determinants of Han and Ethnic Minority Household Migration in China". In: *Ethnicity and Inequality in China*. Ed. by B. Gustafsson, S. Ding and R. Hasmath. Routledge.

Field Research and Primary Data Collection

2008–2009 **Han and Ethnic-Minority Business Survey, Urumqi and Kashgar, Northwest China; Role: Lead PI.**
– **Fieldwork:** Designed and conducted in-person field surveys and structured interviews with more than 1,000 Han and ethnic-minority business owners in Urumqi and Kashgar, Xinjiang, covering business financing, labor-market participation in the formal and informal economies, and ethnic disparities in business performance. Supported by a Xinjiang University fieldwork grant.
– **Output:** Three publications on ethnic entrepreneurship, initial financing and business performance, and Han–minority labor-market outcomes.

2014–2017 **Founder Interviews, Zhongguancun, Beijing.**
– **Fieldwork:** While on the economics faculty at Peking University, interviewed technology entrepreneurs in Beijing's Zhongguancun district, including at the government-run Coffice (coffee office) startup hub on Innovation Way. This fieldwork, together with three years embedded in a Zhongguancun accelerator advising founders and structuring technology-transfer deals, informs the firm-level research on innovation and industrial policy.

2020–2021 **COVID-19 Community Response Surveys, Maryvale, Phoenix; Watts College One Square Mile Initiative.**
– **Fieldwork:** Co-designed and administered separate surveys for local schools and public-housing residents to assess student and community challenges and responses to the COVID-19 lockdowns, in partnership with community organizations.

↓ Continue to Invited Talks and Conference Presentations ↓

Invited Talks and Conference Presentations

Invited Seminars and Keynotes (Includes Upcoming)

Year	Type	Institution
2026–2027	Invited Speaker	NBER Innovation Information Initiative (i3) Working Group
2026–2027	Plenary	National AI Computing Research Resources, Harvard University
2026–2027	Plenary	NIIMBL, U.S. Biopharma Workforce Partnership Conference
2025–2026	Seminar	Eira Initiative, U.C. Berkeley Policy Institute
2025–2026	Seminar	GeoAI Workshop, Arizona State University (SPARC, GSUPP)
2025–2026	Seminar	Creighton University (Business Economics)
2024–2025	International Forum	China Ministry of Education
2024–2025	International Forum	Chinese University of Hong Kong (Economics)
2024–2025	Seminar	University of Macau (Business Administration)
2023–2024	Seminar	University of Notre Dame (Public Policy)
2023–2024	Keynote	Université Côte d'Azur (KID Summer School)
2023–2024	Seminar	Université Côte d'Azur (Law, Economics, and Management)
2019–2020	Seminar	University of Chicago (Spatial Data Science)
2019–2020	Seminar	Arizona State University (Geography)
2018–2019	Seminar	University of North Carolina (Public Policy)
2018–2019	Seminar	Hong Kong University of Science and Technology (Public Policy)
2018–2019	Seminar	Rutgers University (Planning/Policy)
2018–2019	Seminar	University of Arizona (Geography/Development)
2018–2019	Seminar	Hong Kong University (Sociology/Geography)
2018–2019	Seminar	University of Toronto (Management)
2018–2019	Seminar	Arizona State University (Public Affairs)
2017–2018	Keynote	Southwest University of Finance & Economics (Spatial Economics)
2017–2018	Seminar	Rutgers University (Agricultural Economics)

Conference Presentations (Includes Upcoming)

2026–2027

- Center for Geographic Analysis (CGA) Conference, Harvard University

2025–2026

- American Association of Geographers
- 13th Conference on Asia and Pacific Economies

2024–2025

- Computational Methods in Entrepreneurship and Innovation, UCLA Anderson
- 10th Conference on Science and Innovation Policy, Georgia Tech
- Winter Business Economics Conference
- North American Regional Science Conference

2023–2024

- American Association of Geographers
- Regional Science Association
- DRUID

2022–2023

- North American Regional Science Conference

- American Association of Geographers
- Association for Public Policy Analysis & Management

2021–2022

- North American Regional Science Conference
- Association for Public Policy Analysis & Management
- American Association of Geographers

2020–2021

- North American Regional Science
- Association for Public Policy Analysis & Management

2019–2020

- North American Regional Science
- American Association of Geographers

2018–2019

- YSI Economic Complexity Workshop (Massachusetts Institute of Technology)
- Global Regional Science Association
- Innovation Studies (Tsinghua University)

2017–2018

- North American Chinese Economists Society
- 44th Annual Eastern Economic Conference (Boston)
- 9th Symposium on Human Capital and Labor Markets (Central University of Finance and Economics)
- Finance, Innovation and Green Growth (Seoul National University)
- China Development Studies (Shanghai Jiao Tong University)

2016–2017

- Entrepreneurship, Innovation and Development (Peking University)
- The 8th Symposium on Human Capital and Labor Markets (Central University of Finance and Economics)
- Pacific Trade and Development Conference (Canberra)
- International Entrepreneurship (Peking University)
- China's Minimum Wage Policy (Beijing Normal University)
- Innovation Studies (Tsinghua University)
- The 18th NBER-CCER (Peking University)
- NBER Chinese Economy (University of Hong Kong-Shenzhen)
- Chinese Development (Southwest University of Finance and Economics)
- American Economic Association Annual Meeting (San Francisco)

2015–2016

- Chinese Economy (Tsinghua University)
- 6th Human Capital and Labor Markets (Central University of Finance and Economics)
- PRC Growth Slowdown for Asia (Asian Development Bank Institute)
- Escaping the Middle-income Trap (Asian Development Bank Institute)
- Evolutionary Economic Geography (Peking University)
- Urban Development in China (Xi'an Jiaotong-Liverpool University)
- China Development (Shanghai University)
- Western China Development (Southwest University)
- China Economics Society (Chongqing University)

2014–2015

- Chinese Economy (Tsinghua University)
- Poverty Reduction in West China (Yunnan Agricultural University)
- China Household Ethnic Survey (China Academy of Social Sciences)
- Financial Globalization, Trade and Development (Bordeaux, France)
- Crossing Borders: Immigration and Race in Perspective (Sciences Po, Paris)
- Institute of New Economic Thinking, Young Scholar Initiative (University of Toronto)
- Summer School in Development Economics (Ascea, Italy)
- Summer Institute of Economic Geography (Frankfurt, Germany)

2013–2014

- Western China Development (Central University for Nationalities)
- International Conference on China (Sun-Yat Sen University)
- American Association of Geographers
- Regional, Urban, and Spatial Economics (Beijing, China)

Other Funding and Awards

2024	Global Futures Lab Seed Grant, ASU
2023	Institute for Social Science Research Seed Grant, ASU
2022	Watts College Seed Grant, ASU
2019	Sir Timothy Coghlan Prize (Best Paper in Australian Economic History Review)
2018	Best Conference Paper Award, *Conference on Innovation Studies*, *Tsinghua University*
2018	Young Researcher's Prize (Finalist), *RSAI*
2018	Gregory Chow Best Paper (Finalist), *CES*
2017	The Peter Nijkamp Award, *RSAI*
2017	Analytics/Policy Migration Program Fellow, *Georgetown University*
2016	PAFTAD Fellow, *East Asia Bureau of Economic Research*
2014	Young Scholars Initiative Grantee, *INET*
2014-2019	China Foreign Expert, *SAFE*
2012-2013	FLAS Fellowship - Mandarin, *U.S. Dept. of Education*
2010-2011	FLAS Fellowship - Mandarin, *U.S. Dept. of Education*
2009-2010	Chancellor's Award for Top 1% of incoming PhDs, *UCLA*
2009	CLS - Mandarin, *U.S. Dept. of State*
2009	Summer FLAS Fellowship - Mandarin, *U.S. Dept. of Education*
2008	Summer FLAS Fellowship - Mandarin, *U.S. Dept. of Education*
2008	Fieldwork Grant, Xinjiang University, China, *MSU*.

Funding Effort (Unsuccessful Applications, Selected)

2026 Fulbright Distinguished Chair Award (RMIT), Finalist
2025 Jefferson Science Fellowship, *National Academies of Sciences*, Finalist (Program Suspended)
2025 Fulbright Distinguished Chair Award (RMIT), Finalist
2025 International Affairs Fellowship, *Council on Foreign Relations*, Finalist
2025 Standard Grant, *National Science Foundation*, PI: $297,000 Requested
2024 Digital Equity Grant, *U.S. Department of Commerce*, Co-PI $12,000,000 Requested
2024 Fulbright-Tocqueville Distinguished Chair Award, Finalist
2023 Sloan Foundation, PI: $50,000 Requested
2023 ASU Planet Seed Grant, PI: $40,000 Requested
2022 Standard Grant, *National Science Foundation*, PI: $937,192 Requested
2021 Standard Grant, *National Science Foundation*, PI: $197,887 Requested
2020 Early Career Award, *Upjohn Institute*, PI: $20,000 Requested
2019 CAREER, *National Science Foundation*, PI: $481,712 Requested
2019 China Fellowship, *Lincoln Institute of Land Policy*, PI: $25,000 Requested
2018 Inequality-Migration Nexus, *Volkswagen Foundation*, Co-PI: $255,188 Requested
2017 *International Development Research Centre*, PI: $55,301 Requested
2017 China Fellowship, *Lincoln Institute of Land Policy*, PI: $25,000 Requested
2017 Transregional Research Fellowship (Finalist) *Social Science Research Council*
2015 Exploratory Grants, *PEDL-CEPR*, PI: $55,000 Requested
2015 Supporting Inclusive Growth, *IDRC*, PI: $40,000 Requested

↓ Continue to Teaching and Mentoring ↓

Teaching and Mentoring

Teaching Portfolio Summary

New Preps:	9 distinct courses (first time teaching and preparations) – 3 new preps as **Associate Professor** at ASU (PAF 502, PAF 510, PAF 609) – 2 new preps as Assistant Professor at ASU (PAF 301, PAF 516/CPP 529) – 4 new preps prior to joining ASU (Econ. 461, Econ. 471, Econ. 481, Econ. 511)
Students Taught:	1,076 total – **339** as **Associate Professor** at ASU – 292 as Assistant Professor at ASU – 445 prior to joining ASU
Course Type:	Required quantitative/statistical methods coursework

Course Development and Pedagogical Innovation

Redesigns:	4 major redesign iterations (substantive course overhaul) – **Associate Professor** at ASU: PAF 609 (S23; S25); PAF 516 (S26) – Assistant Professor at ASU: PAF 301 (F19)
New Builds:	3 new courses built from scratch – ASU: PAF 516/CPP 529 (Masters, Fall 2019) – PKU: Econ. 471 (Fall 2016); Econ. 481 (Fall 2015)
Notable Innovations:	Integration of theory, empirics, technology, and replication
(Assoc. Prof. at ASU)	– PAF 516 (S26): Introduced cutting-edge geospatial visualization and tools
(Assoc. Prof. at ASU)	– PAF 609 (S25): Integrated AI tools for simulation and learning
(Assoc. Prof. at ASU)	– PAF 609 (S23): Built weekly labs with full published paper replications
(Asst. Prof. at ASU)	– PAF 516/CPP 529 (F2019): Real community data practicum with GitHub

Teaching Effectiveness

ASU Evaluations:	Overall instructor mean / instructor enthusiasm mean: 4.1 / 4.4 – **Associate Professor**: 4.0 / 4.1 (n=9 sections) – Assistant Professor: 4.4 / 4.9 (n=5 sections)
PKU Evaluations:	Overall instructor mean: 92.6/100 (n=13 sections)
Student Feedback:	Selected comments from course evaluations: *"This was the only class that I truly felt [students] were collaborating to learn... how we could best integrate AI into quantitative analysis."* (PAF 609, S25) *"Made learning fun and easy to understand... a true experience."* (PAF 301, F23) *"By far the best professor I have had at ASU."* (PAF 301, F20)

Student Mentoring and Advising

ASU PhD Advising:	1 Dissertation Co-Chair; 5 Dissertation Committee Memberships
ASU Student Mentoring:	Graduate students: 6 total in RA/GSA roles – **4** as **Associate Professor** at ASU – 2 as Assistant Professor at ASU Undergraduate students: 1 total – Watts/ASU Research Program for Underrepresented Minorities
PKU Student Mentoring:	4 thesis committee memberships; 2 undergraduate research mentees

Courses Taught at Arizona State University (2019–2026)

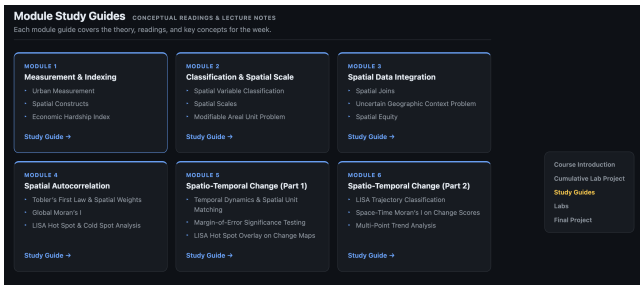
Course	Level	Role	Description
PAF 609	Doctoral	Associate	Advanced Quantitative Methods (Syllabus)
PAF 510	Masters	Associate	Foundations of Program Evaluation I
PAF 502	Masters	Associate	Public Service Research II
PAF 516/CPP 529	Masters	Assistant	Community Analytics (Syllabus)
PAF 301	Undergraduate	Assistant	Applied Statistics (Syllabus)

Courses Taught at Peking University (2014–2019)

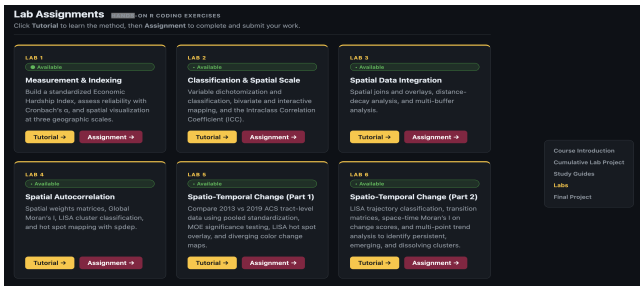
Course	Level	Description
Econ. 461: Economic Geography	Undergraduate	Self-designed (Syllabus)
Econ. 471: Data Science and Network Analysis	Undergraduate	Self-designed (Syllabus)
Econ. 481: The Next China and the Global Economy	Undergraduate	Self-designed
Econ. 511 Trade & Finance Globalization	Graduate	Self-designed

Pedagogical Innovation: Open-Source Course in Community Analytics

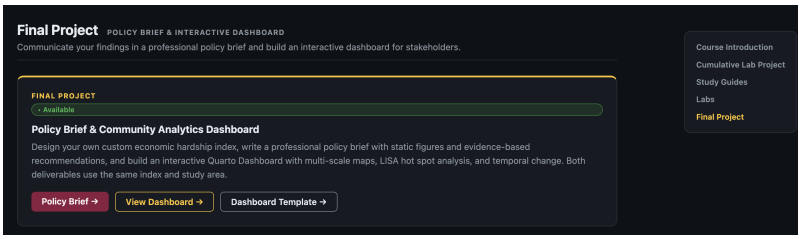
PAF 516 | Community Analytics (Course Website | Syllabus) is a fully open-source graduate course integrating first-principles geospatial theory with cutting-edge computational tools to support evidence-based program evaluation and community analysis. Built for ASU's Program Evaluation & Data Analytics master's program, all materials (labs, study guides, datasets, and a reproducible R/Quarto workflow) are publicly available and freely replicable. The course culminates in a policy brief and interactive stakeholder dashboard.



Six module study guides covering measurement theory, spatial scale, data integration, autocorrelation, and spatio-temporal change.



Six hands-on R coding labs, each pairing a guided tutorial with a graded assignment.



Final project: students design a custom index, write a policy brief, and deploy an interactive Quarto dashboard to GitHub Pages.

Teaching Awards

2023 **Professor of Impact Award**, Arizona State University
Student-nominated recognition for PAF 609 (Advanced Quantitative Methods). Recognized for "being a great mentor, inspiring the class, spending extra time helping students, making a positive impact, understanding that life happens and being flexible with students, treating students with respect, and motivating students to overcome a challenge."

2014 **2nd Place Teaching Prize**, Peking University
University-wide competition for new first-year faculty. Awarded for undergraduate course in Economic Geography at China's flagship institution.

ASU Course Schedule, Student Enrollment, and Student Evaluations

2025–2026 Academic Year

- PAF 502: Public Service Research II (S26)
  Students: **32**; No Evaluation Available.
- PAF 516: Community Analytics (S26)
  Students: **30**; No Evaluation Available.

2024–2025 Academic Year

- PAF 510: Program Evaluation I (F24)
  Students: **46**; Course Mean: **3.9**; Enthusiasm: **3.8**
  "The material was excellent. I saved it for later reference because it builds intuition."
- PAF 516: Community Analytics (S25)
  Students: **33**; Course Mean: **4.0**; Enthusiasm: **4.1**
  "I like the fact that we could learn how to merge large sums of data from different sources, visualize and plot graphs."
- PAF 609: Advanced Quantitative Methods (S25)
  Students: **8**; Course Mean: **4.3**; Enthusiasm: **4.9**
  "This was the only class that I truly felt [students] were collaborating to learn about how we could best integrate AI into quantitative analysis."

2023–2024 Academic Year

- PAF 301: Applied Statistics (F23)
  Students: **25**; Course Mean: **4.5**; Enthusiasm: **4.8**
  "Professor Howell made learning fun and easy to understand... He made learning a true experience."
- PAF 516: Community Analytics (F23)
  Students: **19**; Course Mean: **3.8**; Enthusiasm: **4.0**
  "The material is highly applicable, flexible, and provided clear insight into how skills can translate to solving real-world problems."
- PAF 510: Program Evaluation I (S24)
  Students: **25**; Course Mean: **3.3**; Enthusiasm: **3.4**
  "Encourages students to seek out answers on their own and think deeply about the material."
- PAF 516: Community Analytics (S24)
  Students: **26**; Course Mean: **4.0**; Enthusiasm: **4.0**
  "I enjoyed the applications of this course, it felt as if we were in a job working on projects done by working professionals."

2022–2023 Academic Year

- PAF 301: Applied Statistics (F22)
  Students: **22**; Course Mean: **4.3**; Enthusiasm: **4.3**
  "He seemed very enthusiastic about the material and was always a great help when I asked questions."
- CPP 529: Community Analytics (F22)
  Students: **28**; Course Mean: **3.6**; Enthusiasm: **3.8**
  "The professor did seem empathetic when I was struggling with material and would provide feedback if I reached out."
- PAF 301: Applied Statistics (S23)
  Students: **37**; *Evaluations unavailable*
- PAF 609: Advanced Quantitative Methods (S23)
  Students: **8**; *Evaluations unavailable*

2021–2022 Academic Year

- PAF 301: Applied Statistics (F21)
  Students: **41**; Course Mean: **4.0**; Enthusiasm: **4.6**
  "This professor did a great job meeting students halfway... the material was presented in a way that set us up to be successful."
- CPP 529: Community Analytics (S22)
  Students: **41**; No Evaluation Available.

2020–2021 Academic Year

- PAF 301: Applied Statistics (F20, Online)
  Students: **44**; Course Mean: **4.6**; Enthusiasm: **4.9**
  "Professor Howell put my fears of Statistics at ease, and made the material easily digestible."
- PAF 301: Applied Statistics (F20, In-Person)
  Students: **15**; Course Mean: **4.4**; Enthusiasm: **5.0**
  "Absolutely amazing! He cared so much about his students... by far the best professor I have had at ASU."
- CPP 529: Community Analytics (S21)
  Students: **25**; No Evaluation Available.

2019–2020 Academic Year

- PAF 301: Applied Statistics (S20, Online)
  Students: **37**; Course Mean: **4.7**; Enthusiasm: **4.9**
  "Professor Howell was very passionate about teaching this subject. He walked through problems in his lectures."
- PAF 301: Applied Statistics (S20, In-Person)
  Students: **17**; Course Mean: **4.5**; Enthusiasm: **5.0**
  "I could tell that he has a passion for this subject. His presentations were informative, clear, thorough, and exciting."
- CPP 529: Community Analytics (S20)
  Students: **27**; No Evaluation Available.
- CPP 529: Community Analytics (F19)
  Students: **45**; No Evaluation Available.

PKU Course Schedule, Student Enrollment, and Student Evaluations

Note: Course Mean = instructor mean on a 100-point scale.
2018–2019 Academic Year

- Econ. 461: Economic Geography (F18)
  Students: **38**; Course Mean: **93.4**/100
  "Clear structure and strong organization throughout the semester."
- Econ. 471: Data Science and Network Analysis (F18)
  Students: **40**; Course Mean: **93.8**/100
  "Excellent integration of coding exercises with conceptual material."
- Econ. 511: Trade & Finance Globalization (S19)
  Students: **31**; Course Mean: **92.1**/100
  "High-quality lectures and useful applied examples."

2017–2018 Academic Year

- Econ. 461: Economic Geography (F17)
  Students: **37**; Course Mean: **92.9**/100
  "Excellent use of case studies to illustrate spatial economic concepts."
- Econ. 471: Data Science and Network Analysis (F17)
  Students: **42**; Course Mean: **94.0**/100
  "Assignments were demanding but aligned with the learning goals."
- Econ. 481: The Next China and the Global Economy (S18)
  Students: **35**; Course Mean: **91.7**/100
  "The course connected theory to current policy debates effectively."

2016–2017 Academic Year

- Econ. 461: Economic Geography (F16)
  Students: **36**; Course Mean: **92.6**/100
  "Well-paced lectures and clear expectations."
- Econ. 471: Data Science and Network Analysis (F16)
  Students: **34**; Course Mean: **93.2**/100
  "Practical skills I can apply immediately in research."
- Econ. 511: Trade & Finance Globalization (S17)
  Students: **28**; Course Mean: **90.8**/100
  "Strong coverage of core concepts with practical applications."

2015–2016 Academic Year

- Econ. 461: Economic Geography (F15)
  Students: **32**; Course Mean: **91.8**/100
  "Engaging lectures that made complex topics accessible."
- Econ. 481: The Next China and the Global Economy (F15)
  Students: **33**; Course Mean: **91.2**/100
  "Lectures were clear and the readings were well selected."
- Econ. 471: Data Science and Network Analysis (S16)
  Students: **29**; Course Mean: **93.0**/100
  "Good balance of technical content and interpretation."

2014–2015 Academic Year

- Econ. 461: Economic Geography (F14)
  Students: **30**; Course Mean: **91.5**/100
  "Well-organized course with clear learning objectives."

ASU Student Mentoring and Advising

- **PhD Advising and Dissertation Committees**

2022–present	Shaika Lamia Islam	Dissertation Committee Member
2022–present	Jinghua Ma	Dissertation Committee Member
2021–present	Clement Damoah	Dissertation Committee Member
2020–2025	Meredith McCullough	Dissertation Co-Chair
2020–2025	Guohuibin Li	Dissertation Committee Member
2019–2024	Chan Wang	Dissertation Committee Member

- **Graduate Student GSA/GSR Mentoring**

2026	Ginger Cates	Graduate Student Associate
2025–2026	Vishnu Kalidas	Graduate Student Researcher
2024–2025	Varshil Shaw	Graduate Student Researcher
2024	Nicholas McMullen	Graduate Student Associate
2020–2021	Guohuibin Li	Graduate Student Researcher
2019–2020	Ji Eun Kim	Graduate Student Researcher

- **Undergraduate Student Mentoring**

2021–2022	Sebastian Aleman	Research Program for Underrepresented Minority Students

PKU Student Mentoring and Advising

- **Thesis Committees and Graduate Advising**

2019	Hanxiao Zhou	Thesis Committee Member
2018	Aarthee Salvaraja	Thesis Committee Member
2017	Tan Qi	Thesis Committee Member
2016	Chaofan Jiao	Thesis Committee Member

- **Undergraduate Student Mentoring**

2018–2019	Undergraduate Research Mentee (PKU)	Independent research mentoring
2016–2017	Undergraduate Research Mentee (PKU)	Independent research mentoring

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↓ Continue to Service ↓

Service: Disciplinary Leadership, Faculty Governance, and Peer Review

Service Portfolio Summary

Editorial Leadership:	Editor (Geographic Methods), *Annals of the AAG* (Geography flagship journal)
Research Center Leadership:	Director, Center on Technology, Data, & Society (2023–Present)
Faculty Hiring:	7 ASU faculty searches (2 chair/co-chair) + 2 PKU searches
Curriculum/Governance:	Program committees (PEDA course development; MPA/MPP; undergraduate)
Evaluation & Peer Review:	150+ journal reviews; 10+ grant panels; 4 external P&T reviews
National Policy Service:	Mirzayan S&T Policy Fellow, National Academies (2017)

Editorial and Disciplinary Leadership

Editorial Appointments: 1 editorship; 3 editorial board memberships
- **Associate Professor** at ASU:
  Editor, Geographic Methods, *Annals of the AAG* (2026–)
  Editorial Board Member, *Management and Organization Review* (2026–)
- Assistant Professor at ASU:
  Editorial Board Member, *Progress in Economic Geography* (2021–)
  Editorial Board Member, *Urban Governance* (2021–)
- PKU: Guest Editor, *Economic Modelling* (2017–2018)

Professional Leadership: American Association of Geographers (AAG)
- **Associate Professor** at ASU:
  Chair, China Geography Specialty Group (2023–2024)
  Vice Chair, China Geography Specialty Group (2022–2023)
- Assistant Professor at ASU:
  Treasurer, China Geography Specialty Group (2021–2022)
- PKU/ASU: Board Member, Economic Geography Specialty Group (2018–2020)

Institutional Leadership and Governance

Research Center: Director, Center on Technology, Data, & Society (2023–Present)
- Grew external funding by 80% (NSF, South Korea NRF, Anthropic)
- Expanded faculty/student affiliates by 30%
- Co-Hosted two international workshops (2024; 2025)

Faculty Searches: 9 total search committees (2 as chair/co-chair)
- **Associate Professor** at ASU: 3 searches (**1 chair**)
- Assistant Professor at ASU: 4 searches (**1 co-chair**)

Curriculum/Program: Committee service across graduate and undergraduate programs
- **Associate Professor** at ASU:
  PEDA Curriculum Update (2024–2025)
  MPA/MPP Master's Committee (2022–2025)
- Assistant Professor at ASU:
  Undergraduate Committee (2019–2022)

Evaluation and Peer Review

Journal Reviews: 150+ reviews across 35+ journals spanning multiple fields
- Economics/Policy: *J. Urban Economics*, *Energy Economics*, *China Econ. Review*
- Geography/Environment: *Annals AAG*, *J. Economic Geography*, *Regional Studies*
- Business/Management: *Research Policy*, *Strategic Management Journal*

Grant Panels: 10+ reviews across 3 national funding agencies
- U.S. National Science Foundation (Panelist)
- National Natural Science Foundation of China (Panelist)
- Research Grants Council of Hong Kong (Panelist)

P&T Reviews: 4 external promotion/tenure evaluations
- Florida International University; Jinan University
- Shanghai University of Finance & Economics; University of Macau

Research Center Leadership

Director for the Center on Technology, Data, and Society (2023–Present)

- **Secure Research Funding**: Led initiatives to grow funding by 80%, securing grants from the U.S. National Science Foundation and South Korea's National Research Foundation.
- **Student Hiring and Training**: Recruited and trained student affiliates, providing hands-on experience in research projects, data analysis, and policy evaluation.
- **Affiliate Expansion**: Increased the number of faculty and student affiliates by 30%, promoting the center's growth and visibility.
- **International Collaborations**: Hosted workshops with 50+ attendees spanning disciplines in computer science, engineering, public policy, and economics.
- **Engagement with Policy Practitioners**: Hosted and collaborated with international visitors, including officials from South Korea's Ministry of Education and Ministry of Environment.
- **Student Mentorship**: Advised and met regularly with PhD student affiliates, fostering academic and professional growth.
- **Seminar Series**: Organized research seminars, enhancing interdisciplinary collaboration and knowledge exchange.
- **Leadership Engagement**: Attended Center Director Meetings with SPA Leadership, contributing to strategic planning and center development.

Institutional Service

School of Public Affairs, Watts College and Arizona State University

- **Search Committees (Chair/Co-Chair)**:
  2024–2025: Chair - HAITC/SPA Assistant Professor (Public Affairs)
  2021–2022: Co-Chair - HAITC/SPA Assistant Professor (Public Affairs)
- **Search Committees (Member)**:
  2023–2024: Member - Assistant Professor (Public Affairs)
  2023–2024: Member - Assistant Professor (Emergency Management)
  2021–2022: Member - Endowed Chair (Public Policy)
  2020–2021: Member - HAITC/SPA Assistant Professor (Public Affairs)
  2019–2020: Member - Neely Visiting Professor
- **Committee Assignments**:
  2026–2027: Member - PhD Specialization Exam Committee
  2025–2026: Member - PhD Specialization Exam Committee
  2025–2026: Member - PEDA Master's Curriculum Update Committee
  2025–2026: Member - MPA/MPP Master's Committee
  2024–2025: Member - PhD Specialization Exam Committee
  2024–2025: Member - PEDA Master's Curriculum Update Committee
  2024–2025: Member - MPA/MPP Master's Committee
  2023–2024: Member - PhD Specialization Exam Committee
  2023–2024: Member - MPA/MPP Master's Committee
  2022–2023: Member - MPA/MPP Master's Committee
  2021–2022: Member - Undergraduate Committee
  2020–2021: Member - Undergraduate Committee
  2019–2020: Member - Undergraduate Committee
- **Watts Ambassador to ASU's Julie Ann Wrigley Global Futures Laboratory**:
  2022–Present: Facilitate engagement between GFL and the Watts College community.
- **Covid-19 Response Survey, Maryvale, Phoenix, Watts College One-Square Mile Initiative**:
  2020–2021: Co-designed and administered separate surveys for local schools and public housing to assess student and community challenges and responses to COVID-19 lockdowns.

↓ Continue to Service to the Academy ↓

Service to the Academy

Editorial Appointments

2026–Present **Editor, Geographic Methods**, Annals of the American Association of Geographers
– Fielding approximately 15-20 submissions per month in cutting-edge research at the intersection of spatial statistics, computational social science, and geographic artificial intelligence.

2026–Present **Editorial Board Member**, Management and Organization Review
– Reviewing papers related to firm innovation and productivity.

2021–Present **Editorial Board Member**, Progress in Economic Geography
– Reviewing papers in quantitative economic geography, urban development, and regional innovation.

2021–Present **Editorial Board Member**, Urban Governance
– Reviewing papers on local governance and urban development, particularly in the China context.

2017–2018 **Guest Editor**, Economic Modelling

Professional Leadership – American Association of Geographers

2023–2024 **Chair**, China Geography Specialty Group
– Promoted intellectual activities throughout the year; organized panel sessions featuring keynote speakers at the annual AAG conference.

2022–2023 **Vice Chair**, China Geography Specialty Group
– Nominated graduate students for best paper awards.

2021–2022 **Treasurer**, China Geography Specialty Group
– Managed budgetary expenditures for specialty group activities.

2018–2020 **Board Member**, Economic Geography Specialty Group
– Nominated graduate students for best paper awards; organized panels at the annual AAG conference.

Grant Evaluation

Conducted more than 10 reviews across 3 national funding agencies:

- National Science Foundation, Panelist
- National Natural Science Foundation of China, Panelist
- Research Grants Council of Hong Kong, Panelist

Promotion & Tenure Evaluations

Served as external reviewer for promotion and tenure cases (Assistant to Tenured Associate Professor) at top-ranked institutions in the United States and China:

- Florida International University
- Jinan University
- Shanghai University of Finance and Economics
- University of Macau

Journal Reviewer

Conducted more than 150 reviews across 35+ journals spanning multiple fields and disciplines:

- **General Science**: *Proceedings of the National Academy of Sciences*, *Scientific Reports*
- **Geography/Sustainability & Urban/Regional Studies**: *Annals of the American Association of Geographers*, *Applied Geography*, *Cities*, *Environment & Planning A*, *Eurasian Geography & Economics*, *Growth & Change*, *International Regional Science Review*, *Journal of Cleaner Production*, *Journal of Economic Geography*, *Journal of Regional Science*, *Papers in Regional Science*, *Professional Geographer*, *Regional Studies*, *Regional Science & Urban Economics*, *Urban Affairs Review*, *Urban Studies*, *Sustainability*, *World Development*
- **Economics & Public Policy**: *American Journal of Agricultural Economics*, *China Economic Review*, *Emerging Markets Finance & Trade*, *Energy Economics*, *Journal of Applied Economics*, *Journal of Development Studies*, *Journal of Economic Behavior & Organization*, *Journal of Environmental Economics & Management*, *Journal of Public Economics*, *Journal of Urban Economics*, *Review of Economics of the Household*

- **Innovation, Management, & Entrepreneurship**: *Economics of Innovation & New Technology, Industrial & Corporate Change, Journal of Technology Transfer, Research Policy, Strategic Management Journal*

National Service

2017: **Mirzayan Science & Technology Policy Fellow**, Policy and Global Affairs, National Academies of Sciences, Engineering, and Medicine.
– Nationally competitive fellowship connecting emerging scholars with federal science policy; contributed to committee work on translating research into evidence-based policy.