

Heyjie Jung

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Academic positions

University of Oklahoma, Norman, OK, United States
Assistant Professor, Department of Political Science Aug 2022 –

Education

Arizona State University (ASU), Phoenix, AZ, United States
Ph.D. in Public Administration and Public Policy 2022

Dissertation title: *“How Included Are You in Your Workplace?: The Effects of Different Social Structures on Perceived Inclusion”*

Dissertation Committee: Eric Welch (Chair, ASU), Elizabeth Corley (ASU), Justin Stritch (ASU), Julia Melkers (ASU)

University at Albany – SUNY, Albany, NY, United States
M.A. in Economics 2016

Master’s Essay: *“The Effects of STEM Education and State Support on Generating Innovation”*

Ewha Womans University, Seoul, Korea
Master’s Program in Economics (Attended) 2015
B.A. in International Studies 2013

University of Torino, Turin, Italy
International Exchange Program 2011

Other professional training

Inter-university Consortium for Political and Social Research (ICPSR). University of Michigan 2019
Categorical Data Analysis, Structural Equation Model

Research interests

Organizational behavior, Public Management, Diversity & Inclusion, Science & Technology Policy, Social Networks

Peer-reviewed journal articles

Jung, H., & Welch, E. W. (2022). The Impact of Demographic Composition of Social Networks on Perceived Inclusion in the Workplace. *Public Administration Review*, 82(3), 522-536.
<https://doi.org/10.1111/puar.13470>

- Johnson, T.P., Feeney, M.K., **Jung, H.**, Frandell, A., Caldarulo, M., Michalegko, L., Islam, S., & Welch, E. (2021). COVID-19 and the academy: opinions and experiences of university-based scientists in the U.S.. *Humanities and Social Sciences Communications*, 8(146).
<https://doi.org/10.1057/s41599-021-00823-9>
- Frandell, A., Feeney, M., Johnson, T., Welch, E., Michalegko, L., & **Jung, H.** (2021). The Effects of Electronic Alert Letters in the Time of COVID-19. *Scientometrics*.
<https://doi.org/10.1007/s11192-021-04029-3>
- van Holm, E. J., **Jung, H.**, & Welch, E. W. (2021). The impacts of foreignness and cultural distance on commercialization of patents. *The Journal of Technology Transfer*, 46(1), 29–61. <https://doi.org/10.1007/s10961-020-09775-9>
- Sorensen, L. C., Fox, A. M., **Jung, H.**, & Martin, E. G. (2019). Lead Exposure and Academic Achievement: Evidence from Childhood Lead Poisoning Prevention Efforts. *Journal of Population Economics*, 32(1), 179-218. <https://doi.org/10.1007/s00148-018-0707-y>
- Jung, H.**, & Mah, J. S. (2014). The Role of the Government in Science and Technology Education of Korea. *Science, Technology and Society*, 19(2), 199-227. <https://doi.org/10.1177/0971721814529877>

Book chapter

- Jung, H.**, Fusi, F., Welch, E., Louafi, S., & Manzella, D. (2021). Apply with caution! The contingent effect of blockchain-enabled governance on trust. In E. Welch (Ed.). *Research Handbook on E-government*. Edward Elgar.

Other publications

- Jung, H.** (2020). COVID-19 stay-at-home orders worsen academic scientists' home-life: women experience more difficulties. CSTEPS, ASU, Phoenix, AZ. Available at SSRN:
<https://dx.doi.org/10.2139/ssrn.3642732>

Working Papers

- Feeney, M. K., **Jung, H.**, Johnson, T., & Welch, E. Visa and immigration policy challenges in the US: Changes in the academic science landscape. (*Under Review*)
- Jung, H.** & Welch, E. Access and Aspiration for Leadership: The Case of foreign-born Asian scientists in the US. (*Under Review*)
- Jung, H.**, Chen, Y., Frandell, A., & Welch, E. Ties with Benefits: Relationship between Multiplex Ties, Gender and Work-Life Balance in Higher Education.
- Fusi, F., **Jung, H.** & Welch, E. How technological vulnerability affects organizational risk propensity: the moderating effect of technical and political information.
- Jung, H.**, Fusi, F., & Welch, E. Organizational Adaptation to Extreme Events: Cognitive Perceptions Leading to Institutional Work by Public Managers.
- Bienenstock, E., **Jung, H.**, & Nelson, J. Measuring Neighborhood Social Capital.

Jung, H., & Camarena, L. Striving for a pedestal or a cage?: The gendered differences of self-efficacy and social networks on leadership propensity.

Conference Presentations (*presenter)

Jung, H. *, & Camarena, L. Striving for a pedestal or a cage?: The gendered differences of self-efficacy and social networks on leadership propensity. Presented at Public Management Research Conference (PMRC), May, 2022.

Jung, H. * When inclusion becomes relative: The impacts of demographic compositions of workplace and social network on perceived inclusion. Presented at Public Management Research Conference (PMRC), June, 2021.

Jung, H. * When inclusion becomes relative: The impacts of demographic compositions of workplace and social network on perceived inclusion. Presented at International Research Society in Public Management (IRSPM) Conference, April, 2021.

Jung, H. *, & Welch, E. The Impact of Demographic Composition of Social Networks on the Perceived Inclusion in Workplace. Presented at *PAR* Symposium on Beyond Representative Bureaucracy: Race, Gender, and Social Equity in Governance, September, 2020.

Jung, H. *, Chen, Y., & Welch, E. Ties with Benefits: Relationship between Multi-functional Network and Work-Life Balance. Presented at Atlanta S&T Conference (Poster), October, 2019.

Jung, H. *, Fusi, F., Welch, E. Organizational Adaptation to Extreme Events: Cognitive Perceptions Leading to Institutional Work by Public Managers. Presented at Public Management Research Conference (PMRC), June 2019.

Jung, H. * Can I be what I perceive myself to be?: Linking Self-efficacy and Desire to Lead in Science. Doctoral Research Symposium at the College of Public Service & Community Solutions (ASU), February 2019.

Jung, H. *, Fusi, F., Welch, E., Louafi, S., & Manzella, D. From technology to social questions: How does blockchain governance affect trust across scientists in access, use, and benefit sharing of genetic resources? Presented at 'Blockchain, Public Trust, Law and Governance' Conference, University of Groningen, November 2018.

van Holm, E. *, Jung, H., & Welch, E. The Impacts of Foreignness and Cultural Distance on commercialization of Patents. Presented at Association for Public Policy Analysis and Management (APPAM) Fall Research Conference, November 2018.

Fusi, F., Jung, H. * & Welch, E. We all love smarter cities (and so do hackers): How technological vulnerability affects perceptions of risk and innovativeness of public managers. Presented at Association for Public Policy Analysis and Management (APPAM) Fall Research Conference, November 2018.

Jung, H. * & Fusi, F. * Blockchains for Access, Use and Benefit Sharing of Digital DNA Sequences. Conference on Governance of Emerging Technologies. ASU, Phoenix, May 2018.

Jung, H. * & Welch, E. Representation of culture and ethnicity in STEMS fields in US institutions of higher education. Presented at Midwest Political Science Association Conference, Chicago, April 2018.

Honors, Grants, and Scholarships

Awards & Honors

Best Paper Award – Honorable mention. (2019). College of Public Service and Community Solutions
Doctoral Research Symposium, ASU

Best Poster Award – 2nd place (2018). Conference on Governance of Emerging Technologies & Science,
ASU

Dean’s List. (2009, 2012). Ewha Womans University

Scholarships

<i>University Graduate Fellowship, ASU School of Public Affairs</i>	2021, 2022
<i>Graduate College Travel Award. ASU Graduate College (\$200)</i>	2021
<i>Scholarship for Public Administration, Public Policy, and Public Affairs. Inter-university Consortium for Political and Social Research (ICPSR)</i>	2019
<i>School of Public Affairs Inter-University Consortium for Political and Social Research (ICPSR) Summer Travel Grant. ASU School of Public Affairs (\$3,000)</i>	2019
<i>Travel Award. ASU School of Public Affairs (\$750)</i>	2019
<i>Travel Award. ASU Graduate Professional Student Association (\$3,324)</i>	2017 – present
<i>Graduate Research Assistantship. Arizona State University, CSTEPS</i>	2017 – present
<i>University Tuition Scholarship. University at Albany – SUNY</i>	2015 – 2016
<i>University Graduate Assistantship. University at Albany – SUNY</i>	2015 – 2016
<i>Grant for Academic Encouragement. Ewha Womans University</i>	2014
<i>Research & Teaching Scholarship. Ewha Womans University</i>	2013 – 2015
<i>Excellent Ewhain Honor Fellowship. Ewha Womans University</i>	2013, 2014
<i>Ewha Scholarship of Excellence. Ewha Womans University</i>	2010, 2012

Analytical Skills

Accomplished user: R, MPlus, AMOS, Gephi

Competent user: STATA, SPSS, Tableau, MATLAB®, LaTeX

Professional Experience

Graduate Research Assistant, Dr. Bienenstock, ASU, Phoenix, AZ, United States 2020 – 2022

Project responsibilities: Conduct data analysis, such as social network analysis and structural equation modeling, using Los Angeles Family and Neighborhood Survey (LA FANS) data and ASU collaboration network data, conduct network ethnography, and do a comprehensive literature review on neighborhood social capital

Training: Trained for social network analysis (analysis and visualization), structural equations modelling, and network ethnography (interviews)

Graduate Research Assistant, Center for Science, Technology and Environmental Policy Studies (CSTEPS) (<https://csteps.asu.edu/>), ASU, Phoenix, AZ, United States 2017 – 2022

Research team member, Program Evaluation projects (Kansas MAPS, Kansas AIMS, Cascadia CoPes), January– August 2022

Survey responsibilities: Revise survey and collect, clean, and analyze data, and manage IRB revisions, and assist writing final reports

Research team member, [SciOPS](#) (Scientist Opinion Panel Survey), January 2020 – August 2022

Survey responsibilities: Lead team in building a sample frame of 10,000+ STEM academics, coordinated survey design and administration for 3 national surveys, completed data analysis, visualizations, and policy reports

Training responsibilities: Lead training for CSTEPS students and staff on survey administration and data analysis, designed protocols on sample frame development, survey design and administration, and reporting

Project manager, US Transit Agency Adaptation to Extreme Weather Events, *Department of Transportation*, November 2018 – August 2022

Survey responsibilities: Lead survey designs and administration, manage IRB submissions and revision, analyze data, and produce final report for transit agency stakeholders

Training responsibilities: Manage staff and student team member training on sample frame development, survey implementation, data analysis, and policy report production

Research team member, Connecting nuances of foreign status, professional networks, and higher education. *National Science Foundation*, August 2017 – August 2022

Survey responsibilities: Collect, clean, and analyze data, and manage IRB submission and revisions

Project manager, United Nations Survey of Status of Genetic Resources ABS Policy for Agriculture. *Food and Agriculture Organization (FAO) of the United Nations*, March - June 2018

Survey responsibilities: Through collaboration with international governmental partners such as CIRAD and FAO, managed IRB submission, manage survey design and administration, analyze data, and produce final report

Research Assistant, Rockefeller Institute of Government, Albany, NY, United States Fall 2016

Responsibilities: Retrieve, clean and analyze SEDA (Stanford Education Data Archive), CDC (Centers for Disease Control and Prevention), and ACS (American Community Survey) data and conduct literature review for a project, “Something in the Water? Environmental Toxicity and Racial Achievement Gaps” (Dr. Sorensen)

Research Assistant, Korea Center for International Finance, Seoul, Korea Dec 2014 – July 2015

Responsibilities: Collect, analyze, and translate international finance news to produce daily reports on the international political economy of Europe and international financial markets for Korean government agencies

Teaching Experience

Instructor, PAF 200 Public Service and Policy in 21st Century ASU

Taught in-person and synchronous online course that examines policy process and key actors, and how different actors engage in the process with a focus on real world practice and examples

Undergraduate, Spring 2021, [ASU Sync*](#)

(* ASU offers ASU Sync courses to accommodate students’ various circumstances while enabling social distancing in the classroom. Students have options to take class either in-person or live on Zoom)

Undergraduate, Fall 2021, Spring 2022, In-person

Undergraduate, Summer 2022, Online

Teaching Assistant, AECO 301 Intermediate Macroeconomics

University at Albany – SUNY

Undergraduate, Fall 2015, Spring 2016, In-person

Language Skills

Korean (native), English (fluent), Spanish (good), Italian (good), Polish (good)

Journal and Conference Review Service

Academy of Management Conference

Journal of Public Administration Research and Theory (JPART)

Public Administration Review (PAR)

Public Performance & Management Review (PPMR)

Administration & Society

Department and Academic Service

Reviewer, Graduate Professional Student Association, Arizona State University. Travel, Research, Teaching, Publications Awards Reviewer, 2018 – 2022

Chief Reporter, The Ewha Voice (Official English Newspaper), Ewha Womans University. 2008 – 2011

President, BigInner (Business Club), Ewha Womans University. 2008 – 2012

School Representative, Women’s Education Worldwide (WEW) Student Leadership Conference. 2011