YONG SUK LEE

University of Notre Dame
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Notre Dame, IN 46556

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EDUCATION

Brown University
Ph.D. in Economics, 2012
M.A. in Economics, 2008

Duke University
Master of Public Policy, 2007

Seoul National University
M.S. in Engineering: Major in Architecture, 2001
B.S. in Engineering: Major in Architecture, 1999

ACADEMIC APPOINTMENTS

University of Notre Dame
Associate Professor of Technology, Economy, and Global Affairs, Keough School of Global Affairs, 2024-
Program Chair for Technology Ethics, Institute for Ethics and the Common Good, 2024-
Assistant Professor of Technology, Economy, and Global Affairs, Keough School of Global Affairs, 2021-3
Concurrent Faculty, Department of Economics, 2023-

Stanford University
SK Center Fellow, Freeman Spogli Institute for International Studies, 2014-2021

Williams College
Assistant Professor, Department of Economics, 2012-2014

LEADERSHIP POSITIONS

- Co-director, Program on AI and the Development of Ethics in Agents, U. Notre Dame, 2025-present
- Founding Director, Future of Labor Lab, University of Notre Dame, 2024-present
- Program Chair for Technology Ethics, Institute for Ethics and the Common Good, U. Notre Dame, 2024-
- Deputy Director, Korea Program, Shorenstein Asia-Pacific Research Center, Stanford University, 2016-21

FACULTY AFFILIATE POSITIONS

- McKenna Center for Human Development and Global Business, University of Notre Dame, 2021-present
- Lucy Family Institute for Data and Society, University of Notre Dame, 2021-present
- Pulte Institute for Global Development, University of Notre Dame, 2022-present
- Liu Institute for Asia and Asian Studies, University of Notre Dame, 2022-present
- Kellogg Institute for International Studies, University of Notre Dame, 2022-present
- Ansari Institute for Global Engagement with Religion, University of Notre Dame, 2025-present
- Notre Dame Technology Ethics Center, University of Notre Dame, 2021-2024.
- KAIST Innovation Strategy and Policy Institute, KAIST, 2018-present
- King Center on Global Development, Stanford University, 2014-2021
- Center for East Asian Studies, Stanford University, 2014-2021
- Center for Development Economics, Williams College, 2012-2014

TEACHING

University of Notre Dame
Future of Labor – 2022-2026
Application, Ethics, and Governance of AI –2022-2025
Quantitative Analysis + Lab – 2022-2024

Stanford University
Economic Development and Growth of East Asia – 2015-2021

Williams College
Principles of Microeconomics – 2012-2014
Economics of East Asia – 2012-2013
Topics in Urban Economics – 2012-2013

Brown University
Applied Economics Analysis, Graduate Sections - 2012

EXTERNAL GRANTS AND RECOGNITIONS

- National Endowment for Humanities Grant. Notre Dame Program on AI and the Development of Ethics in Agents. Co-PI ($500,000), 2025-2028.
- Founding Member. Work AI Institute at Glean Technologies 2025.
- Anthropic Economics Future Symposium. Policy Proposal Recipient. September 2025.
- Meta Open Innovation AI Research Community Scholar. 2023-2024.
- National Science Foundation: Future of Work Grant. Transforming Small and Medium-Sized Manufacturing Firms through Participatory AI Adoption and Implementation. Principal Investigator ($150,000). 2022-2026.
- Korea Foundation Policy Research Grant. AI Ethics and Policy in Korea. Principal Investigator ($40,000), 2024-2025.
- World Bank Group - Finance, Competitiveness & Innovation Global Practice Research Grant. The Effects of Government Matching R&D Funds on Tech Startups: The Case of Korea's TIPS Program. Co-Investigator. ($20,000), 2022-2023.
- Google-Stanford HAI Academic Compute Grant. Measuring Urban Quality and Change Through the Detection of Physical Attributes of Decay. Principal Investigator ($10,000). 2021.
- Best Paper Prize. Winner of the Urban Land Institute United Kingdom Prize for best paper published in *Journal of Economic Geography* in 2017.
- U.S. Small Business Administration Research Award. Research on Small Business Topics Using Large Datasets. Principal Investigator ($60,000). 2016-2017.
- Lincoln Institute Scholar, Lincoln Institute of Land Policy, 2014.
- Mansfield Foundation Scholar, U.S.-Korea Scholar-Policymaker Nexus, 2013.

POLICY AND GOVERNMENT ENGAGEMENTS

- Assisted the Office of Senator Schumer in drafting the *Data Analytics and Tracking for Artificial Intelligence (DATA AI) Act of 2025.* (October 2025).
- Provided policy recommendations to senior staffers in the U.S. Senate and House on artificial intelligence and labor policy. (September 2025).
- Informational lunch presentation for congressional junior staffers, *"Proactively Developing and Assisting the Workforce in the Age of AI."* (September 2025).
- Submitted a formal response to a Request for Information (RFI) from the White House Office of Science and Technology Policy (OSTP) on the Development of an AI Action Plan*.* (March 2025).
- Interviewed by the U.S. Government Accountability Office (GAO**)** on biometric technologies and oversight. (May 2023).
- Submitted a formal response to a Request for Information (RFI) from the White House OSTP on Biometric Technologies*.* (January 2022).

WORKING PAPERS

"Advancing AI Capabilities and Evolving Labor Outcomes" with Jacob Dominski. arxiv.org/abs/2507.08244.

"Racial Disparities in Policy-Algorithm Interactions: Evidence from Rearrest Predictions." *CESIfo Working Paper* No. 11877. Extended Abstract published in the *Proceedings of Machine Learning Research*, Vol. 294.

"Artificial Intelligence and Occupational and Skill Demand in Banking" with Ye Ji Kee. *Revision invited.*

REFEREED PUBLICATIONS

"Do Multimodal Large Language Models Understand Welding?" (with Nitesh Chawla, Grigorii Khvatskii, Corey Angst, Maria Gibbs, Robert Landers). *Information Fusion.* 2025.

"Robots and Labor in Nursing Homes," with Karen Eggleston and Toshiaki Iizuka. 2025. *Labour Economics,* Vol 92, 102666.

"US-China Tech Decoupling and the Willingness to Share Personal Data in China," with Benjamin Larsen and Jingxin Wu. *Humanities and Social Sciences Communications.* 2025.

"University Education Reform and Entrepreneurship Among Alumni," with Chuck Eesley, Xiaocong Tian, and Delin Yang. 2025. *Management and Organization Review,* 2025.

Francisco Eiras, Aleksandar Petro, …, Yong Suk Lee, and Jakob Foerster. 2024. "Near to Mid-term Risks and Opportunities of Open-Source Generative AI." with Jakob Forester et al. *Proceedings of the International Conference on Machine Learning (ICML) 2024.*

Cuellar, Mariano-Florentino, Benjamin Larsen, Yong Suk Lee, and Michael Webb. 2024. "Does Information About AI Regulation Change Manager Evaluation of Ethical Concerns and Intent to Adopt AI?" *Journal of Law, Economics, & Organization,* 40(1): 34-75.

Vallebueno, Andrea, and Yong Suk Lee. 2023. "Measuring Urban Quality and Change Through the Detection of Physical Attributes of Decay." *Scientific Reports* 13, 17316. https://doi.org/10.1038/s41598-023-44551-3.

Lee, Yong Suk. 2023. Optimizing whose engagement? Beliefs and protest participation of social media users in South Korea. *AI and Ethics*. https://doi.org/10.1007/s43681-023-00322-4.

Chung, John, and Yong Suk Lee. 2023. "The Evolving Impact of Robots on Jobs." *ILR Review* 76(2): 290-319.

Eesley, Charles, and Yong Suk Lee. 2023. "In Institutions We Trust? Trust in Government and the Allocation of Entrepreneurial Intention." *Organization Science* 34(2): 532-556.

Lee, Yong Suk, Taekyun Kim, Sukwoong Choi, Wonjoon Kim 2022 "When Does AI Pay Off? AI-Adoption Intensity, Complementary Investments, and R&D Strategy." *Technovation* 118:102590.

Eesley, Charles, and Yong Suk Lee. 2021. *"*Do University Entrepreneurship Programs Promote Entrepreneurship?" *Strategic Management Journal* 42(4): 833-861.

Lee, Yong Suk. 2018. "International Isolation and Regional Inequality: Evidence from Sanctions on North Korea." *Journal of Urban Economics* 103: 34-51.

Lee, Yong Suk. 2018. "Government Guaranteed Small Business Loans and Regional Growth." *Journal of Business Venturing* 33(1): 70-83.

Lee, Yong Suk. 2018. "Modern Management and the Demand for Technical Skill." *Labour Economics* 55: 328-343.

Lee, Yong Suk, and Charles Eesley. 2018. "The Persistence of Entrepreneurship and Innovative Immigrants." *Research Policy* 47(6): 1032-1044.

Lee, Yong Suk, and Yuya Sasaki. 2018. "Information Technology in the Property Market." *Information Economics and Policy* 44: 1-7.

Lee, Yong Suk. 2017. "Entrepreneurship, Small Businesses, and Economic Growth in Cities." *Journal of Economic Geography* 17(2): 311-343.
   Winner of Urban Land Institute Prize for best paper published in *Journal of Economic Geography* in 2017

Henderson, J. Vernon, and Yong Suk Lee. 2015. "Organization of Disaster Aid Delivery: Spending Your Donations." *Economic Development and Cultural Change* 63(4): 617-664.

Foster, Andrew D., and Yong Suk Lee. 2015. "Staffing Subsidies and the Quality of Care in Nursing Homes." *Journal of Health Economics* 41: 133-147.

Lee, Yong Suk. 2015. "School Districting and the Origins of Residential Land Price Inequality" *Journal of Housing Economics* 28: 1-17.

Lee, Yong Suk. 2014. "Exams, Districts, and Intergenerational Mobility: Evidence from South Korea." *Labour Economics* 29: 62-71.

Feng, Zhanlian, Yong Suk Lee, Sylvia Kuo, Orna Intrator, Andrew Foster, and Vincent Mor. 2010. "Do Medicaid Wage Pass-through Payments Increase Nursing Home Staffing?" *Health Services Research* 45(3): 728-747.

PERMANENT WORKING PAPERS

"Risks and Opportunities of Open-Source Generative AI." with Francisco Eiras et al., arXiv:2405.08597v2.

"Robots and Labor in the Service Sector: Evidence from Nursing Homes," with Karen Eggleston and Toshiaki Iizuka, NBER Working Paper 28322.

POLICY REPORTS AND BRIEFS

"From Disruption to Opportunity: Policy Pathways to Strengthen Labor in the Age of AI". *Keough School of Global Affairs Policy Brief.* September 2025.

"Proactively Developing and Assisting the Workforce in the Age of AI." (with Soroushian, J., Bullock, J., Carroll, M., Dokko, J., Dominski, J., Hinds, R., Holzer, H., Horrigan, M., Manning, S., Munyikwa, Z., Oschinski, M., Radsch, C., Rock, D., Rossi, M., Seamans, R., Zhang, B. *Americans for Responsible Innovation and the Keough School of Global Affairs at the University of Notre Dame.* August 2025.

"Robots and Labor in Nursing Homes" (with Karen Eggleston and Toshi Iizuka) *Cato Institute Research Brief.* January 2025.

"When Does AI Payoff?" (with Taekyun Kim, Sukwoong Choi, and Wonjoon Kim) *MIT Initiative on the Digital Economy*. Research Brief. November 2022, Vol 3.

"How does information about AI regulation affect managers' choices?" (with Mariano-Florentino Cuellar, Ben Larsen, and Michael Webb). *Brookings Report.* July 2022.

"AI Ethics, Regulation, & Firm Implications," (with Ben Larsen). *CPI TechREG Chronicle*. March 2022.

"Analyzing the Structure and Performance of Kim Jong-un's Regime", (with Thomas Fingar, Kwan-jin Kim, and Hyeong-seog Lee). Policy Brief published by Shorenstein Asia-Pacific Research Center and the Institute for National Security Strategy. June 2017.

EDITED BOOK VOLUMES

Drivers of Innovation: Entrepreneurship, Education, and Finance in Asia, edited by Yong Suk Lee and Fei Yan. Walter H. Shorenstein Asia-Pacific Research Center Series with Rowman and Littlefield Publishers. 2022.

Shifting Gears in Innovation Policy: Strategies from Asia, edited by Yong Suk Lee, Takeo Hoshi, and Gi-Wook Shin. Walter H. Shorenstein Asia-Pacific Research Center Series with Brookings Institution Press. 2020.

Globalization, Culture, and Innovation in Korea, edited by Joon-Nak Choi, Yong Suk Lee, and Gi-Wook

Shin. Routledge. 2018.

BOOK CHAPTERS, BOOK REVIEWS

Lee, Yong Suk. "Social Media and the Salience of Polarization in Korea." In *South Korea's Democracy in Crisis* edited by Gi-Wook Shin and Ho-Ki Kim. Walter H. Shorenstein Asia-Pacific Research Center. June 2022.

Fei Yan, Yong Suk Lee, Lin William Cong, Charles Eesley, and Charles Lee. "Entrepreneurship Education and Financing Innovation in Asia." In *Drivers of Innovation: Entrepreneurship, Education, and Finance in Asia,* edited by Yong Suk Lee, and Fei Yan. Walter H. Shorenstein Asia-Pacific Research Center Series with Rowman and Littlefield Publishers. 2022.

Lee, Yong Suk, Takeo Hoshi, and Gi-Wook Shin. "Shifting Gears from Industrial to Innovation Policy." In *Shifting Gears in Innovation Policy: Strategies from Asia,* edited by Takeo Hoshi, Yong Suk Lee, and Gi-Wook Shin. Walter H. Shorenstein Asia-Pacific Research Center Series with Brookings Institution Press. 2020.

Lee, Yong Suk and Chuck Eesley. "A Comparative Analysis of Asian versus Asian American Entrepreneurship: Evidence from Stanford University Alumni." In *Globalization, Culture, and Innovation in Korea,* edited by Joon-Nak Choi, Yong Suk Lee, and Gi-Wook Shin. Routledge. 2018.

Book Review of Uk Heo and Terence Roehrig's *South Korea's Rise: Economic Development, Power, and Foreign Relations* (Cambridge: Cambridge University Press), *Journal of Asian Studies*, 2015.

INTERNAL RESEARCH GRANTS

"How Well Can Gen AI Predict Human Behavior?" Notre Dame-IBM Tech Ethics Lab Grant, Co-PI ($60,000), 2024.

"Ethical Cities Initiative." Notre Dame-IBM Tech Ethics Lab Grant ($20,000), 2024.

"Robots in Nursing Homes." Liu Institute Faculty Research Grant ($3,000), 2024.

Kellogg Institute Undergraduate Research Assistance Award, 2023.

Notre Dame-IBM Technology Ethics Lab Research Assistance Grant, 2022.

"Future of Global Labor – Research Translation." Keough School Policy and Practice Grant, University of Notre Dame. 2022.

AnalytiXIN Summer Fellowship – Phase 1: Idea Discovery. Lucy Family Institute for Data & Society, University of Notre Dame. 2022.

"AI Innovation in the Asia-Pacific," Stanford Asia-Pacific Center Research Award. 2020.

"Artificial Intelligence and State Governance in China." Stanford China Research Fund Award. 2019-2020.

"The Impact of Robots on Staffing and the Quality of Care in Nursing Homes (with Karen Eggleston)." Stanford Asia-Pacific Center Research Award. 2019.

"Technology Adoption in an Aging Society (with Karen Eggleston)." Stanford Japan Research Fund Award. 2018-2019.

"Digital Technologies and the Labor Market in Korea." Stanford Asia-Pacific Center Research Award. February 2018-January 2019.

"Digital Technologies and the Labor Market" (with Chuck Eesley). Stanford Cyber Initiative. Co-Investigator/Project Director. September 2017-September 2018

"Engaging Policy Makers in Improving the Quality of University Education" (with Prashant Loyalka). FSI International Policy Implementation Lab. Co-Investigator. 2016-2017.

Center for Development Economics Research Grant, Williams College, 2013.

RESEARCH PRESENTATIONS: INVITED SEMINARS AND CONFERENCES

"Proactively Developing and Assisting the Workforce in the Age of AI"
    Anthropic Economic Futures Conference (2025)
    Seoul AI Policy Conference (2025)
    Keough School Washington DC Policy Forum (2025)
    Microsoft Roundtable (2025)
"Advancing AI Capabilities and Evolving Labor Outcomes"
    CEPR Paris Symposium (2025)
    RISE AI Conference (2025)
    Conference for the Society for the Study of Economic Inequality (2025)
    AI and Wharton Conference (2025)
    Korea Economic Association International Conference (2025)
    University of Notre Dame Applied Microeconomics Workshop (2025)
    Meta Workshop on Generative AI, Labor, and Upskilling (2024)
"Human-AI Interaction in Recidivism Predictions: Examining Racial Disparities in Prediction Adjustment"
    World Congress Econometric Society (2025)
    European Workshop on Algorithmic Fairness (2025)
    CESIfo Area Conference on Economics of Digitization (2024)
    AEA/ASSA Annual Meetings (2025)
"Right-to-work in the Era of Generative AI"
    LERA/ASSA Annual Meetings (2025)
"Robots in Nursing Homes"
    European Labor Economics Association Annual Meeting (2024)
    Society of Labor Economists Annual Meetings (2024)
    AEA/ASSA Annual Meetings (2024)
    Korean Economic Association International Conference (2024)
    KREI-KAEA Joint Conference (2024)
    UCSD School of Global Policy and Strategy (2023)
"Artificial Intelligence and Occupational and Skill Demand in Banking"
    George Mason University Schar School of Policy and Government (2023)
    Labor and Employment Relations Associations Annual Meeting (2023)
    Global Conference on Economic Geography (2022)
"Stay the Course? The Effects of Government Matched R&D Funding on Tech Startups"
    ZEW Conference on the Dynamics of Entrepreneurship (2023)
"Spillovers from Homelessness: Evidence from San Francisco"
    Urban Economics Association Annual Meeting (2021)
    University of Notre Dame, Economics Department (2021)
"Robots and Labor in the Service Sector: Evidence from Nursing Homes"
    Korean Economic Association International Conference (Hybrid, 2022)
    Auburn University, Economics Department (2021)
    University of Notre Dame, Keough School (2021)
    NBER Summer Institute – Aging (2020)
    HAI-SIEPR Seminar (Stanford 2020)
"AI Regulation and Manager Evaluation of Ethical Concerns and Intent to Adopt AI"
    University of Notre Dame, Tech Ethics Center (2021)
    Syracuse University, Maxwell School (2021)
    HAI Artificial Intelligence and Labor Market Roundtable (Stanford 2020)
    AEA Annual Meetings (San Diego 2020)
    NBER, Artificial Intelligence Meeting (Toronto 2019)
    Center for Industrial Future Strategy Annual Workshop (KAIST 2019)
"The Evolving Impact of Robots on Jobs"
    Society of Labor Economists Meetings (Minneapolis, May 2022)

Urban Economics Association Annual Meeting (Philadelphia 2019)
Asia Innovation and Entrepreneurship Association - NBER Conference (Singapore 2019)
Seoul National University (2019)
Korea University (2019)
Korea Development Institute (2018)
International Schumpeter Society Conference (Seoul, 2018)
Korea Economic Association International Conference (Sungkyunkwan University, 2018)

"Do University Entrepreneurship Programs Promote Entrepreneurship?"
Seoul National University (2018)
Asia Innovation and Entrepreneurship Association - NBER Conference (Kuala Lumpur 2018)
Association of Management Annual Meetings (Chicago 2018)
Korea Economic Association International Conference (Korea University, 2017)
KDI School of Public Policy (2017)
NBER Entrepreneurship and Economic Growth Conference (Duke, 2016)
Korea University, School of Business (2016)

"Social Media and Rigid Beliefs"
Stanford University (2020)
Tsinghua University (2018)
UC San Diego, School of Global Policy and Strategy (2018)

"Institutional Trust and the Allocation of Talent to Entrepreneurship"
Stanford University, Asia-Pacific Research Center (2017)
Seoul National University Applied Microeconomics Conference (2017)

"When Tech Firms Grow: Declining Transition into Entrepreneurship"
Empirical Management Conference, (MIT, 2016)

"Intergenerational Persistence of Entrepreneurship and Innovative Immigrants"
KDI School of Public Policy (2017)
Stanford University, Asia-Pacific Research Center (2016)

"Modern Management and the Demand for Technological Skill"
Society of Labor Economists, (Seattle, 2016)
Korea-America Economic Association Workshop, (San Francisco, 2016)
Empirical Management Conference, (Stanford, 2015)
Stanford University, Economics Junior Faculty Workshop (2015)

"Entrepreneurship, Small Businesses, and Economic Growth in Cities"
NBER Entrepreneurship and Economic Growth Pre-Conference (Duke, 2016)
Johns Hopkins University, School of Advanced International Studies (2014)
Lincoln Institute of Land Policy (Cambridge, MA, 2014)
Korea Development Institute (Sejong, Korea, 2014)
American Real Estate and Urban Economics Annual Meeting (Philadelphia, 2014)
Williams College Economics Seminar (2013)
Urban Economics Association Annual Meeting (Atlanta, GA, 2013)
Southern Economic Association Annual Meeting (Tampa, FL, 2013)
Rimini Conference in Economics and Finance (Toronto, 2012)

"International Isolation and Regional Inequality: Evidence from Sanctions on North Korea"
Economics of National Security Association - ASSA Annual Meeting (Chicago, 2017)
KEA-KAEA International Conference (Seoul, 2016)
Forum for Research in Empirical International Trade (Hanoi, 2016)
Pacific Conference for Development Economics (Stanford, 2016)
Stanford University, International Trade Tea Workshop (2015)
Urban Economics Association Annual Meeting (Portland, OR, 2015)
Western Economics Association International Annual Conference (Honolulu, 2015)
American Economic Association Annual Meeting (Boston, 2015)
Stanford University, Freeman Spogli Institute for International Studies (2014)
Williams College (2014)

Center for Strategic and International Studies, (Washington, DC, 2014)
Midwest International Economic Development Conference (Minneapolis, 2014)
Korea-America Economics Association Annual Meeting (Philadelphia, 2014)
"Economic Sanctions and the Network of Trade"
American Economic Association Annual Meeting (San Francisco, 2016)
Midwest International Trade Conference (Penn State, 2015)
Western Economics Association International Annual Conference (Honolulu, 2015)
Stanford University, International Trade Lunch Workshop (2015)
"Information Technology in the Property Market"
American Real Estate and Urban Economics Annual Meeting (Boston, 2015)
Greater Boston Urban and Real Estate Economics Seminar (Boston Federal Reserve, 2014)
Urban Economics Association Annual Meeting (Washington, DC, 2014)
"Organization of Disaster Aid Delivery: Spending Your Donations"
Midwest International Economic Development Conference (Madison, WI, 2013)
Pacific Conference for Development Economics (San Francisco, CA, 2013)
Western Economic Association International Annual Conference (Seattle, WA, 2013)
"Staffing Subsidies and the Quality of Care in Nursing Homes"
Brown University Applied Microeconomics Workshop (2008)
"Educational Tracking, Residential Sorting, and Intergenerational Mobility"
Stanford University, Freeman Spogli Institute for International Studies (2014)
Georgetown University, School of Foreign Service (2012)
UC Berkeley, Haas School of Business (2012)
Williams College (2012)
National University of Singapore (2012)
University of Queensland (2012)
Sungkyunkwan University (2012)

PROFESSIONAL ACTIVITIES / SERVICE TO THE PROFESSION

Peer Review Service
AI and Ethics, American Economic Journal: Economic Policy, American Journal of Political Science, B.E.
Journal of Economic Analysis & Policy, Contemporary Economic Policy, Economic Development and
Cultural Change, ILR Review, International Economic Journal, Journal of Business Venturing, Journal of
Development Economics, Journal of Economics and Management Strategy, Journal of Human Resources,
Journal of the Japanese and International Economies, Journal of Labor Economics, Journal of Public
Economics, Journal of Urban Economics, Management Science, Regional Science and Urban Economics,
Research Policy, Review of Economics and Statistics, Small Business Economics, World Bank Economic
Review

External Review Service
UN Human Development Report 2021/2022, Chapter Review
Society for Artificial Intelligence and Statistics, Submissions Review
Research Council of KU Leuven, Research Proposal Review
Georgetown University Center for Security and Emerging Technology, Research Paper Review
Korea Institute of International Economic Policy, Research Project Review
Keough School of Global Affairs, Police Brief Review

Workshop and Conference Organization
Korea Foundation AI and Labor Policy Workshop, Seoul, February 2026.
Keough School Policy Forum, Dignity of Work in the Age of AI, Washington DC, September 2025
AI and Labor Policy Workshop, Keough School, Washington DC, March 2025.
Generative AI, Labor, and Upskilling Academic Working Group Session, Meta AI, New York. September 2024.
Economics of Long-Term Care, AEA/ASSA Paper Session, San Antonio, January 2024.

Large Language Models in Manufacturing Workshop, University of Notre Dame, June 2023.
AI Adoption in Manufacturing Firms Workshop, University of Notre Dame, February 2023.
Koret Conference on North Korea 2020, Stanford University, April 2018
Asia-Pacific Innovation Conference, Beijing, September 2018
Asia-Pacific Innovation Conference, Stanford, October 2017
Conference on Urbanization and Development, Center for Development Economics, Williams College, 2013

Invited Speaker, Panelist, Discussant in Panels, Symposiums, Conferences, and Workshops
Invited Speaker, AI and the Future of Work, Hesburgh Lecture. November 2025.

Invited Moderator and Workshop Organizer, Raise the Bar: The Responsible Deployment of AI for Large Enterprises, ND-IBM Tech Ethics Lab Conference, October 2025.

Invited Panelist, "Ethics and AI" Panel, RISE AI Conference, Lucy Institute for Data and Society, October 2025.

Masterclass on AI and the Future of Work. Institute for Ethics and the Common Good. September 2025.

Policy Proposal Recipient, Anthropic Economics Future Symposium. September 2025.

Invited Panelist, "AI Agents and Labor" Panel. Seoul AI Policy Conference. August 2025.

Invited Discussant, KREI-KAEA Annual Conference. August 2025.

Invited Panelist, "A Stand for Democracy in South Korea" Panel. Notre Dame Keough School of Global Affairs. December 2024.

Invited Speaker, "Generative AI and Employment Dynamics." Meta AI, New York. September 2024.

Invited Panelist, "Decoding AI" Panel. University of Notre Dame Alumni Association Game Changers. September 2024.

Invited Participant, Zahm Retreat. Land O'Lakes, Wisconsin. May 2024.

Invited Participant, "AI Policy Idea Incubator Workshop." Brookings Institute, Washington, DC. May 2024.

Invited Panelist, "Envisioning Federal AI Legislation Symposium." Journal of Legislation, University of Notre Dame Law School. April 2024.

Invited Participant, "Regional Difference in AI Adoption Workshop." NYU Stern School of Business, Virtual. April 2024.

Invited Participant, "Trust and Safety in LLMs." Open Innovation AI Research Community Workshop, Meta AI. New York. February 2024.

Invited Discussant, Labor and Employment Relations Associations at ASSA Meeting, "Compensation, Promotion, and Personality." January 2024.

Invited Participant, "Open Innovation AI Research Community Workshop." Meta AI, London. November 2023.

Invited Speaker, Institute for Senior Living, "Robots in Nursing Homes." May 2023.

Panelist, Lucy Family Institute for Data and Society Annual Fall Symposium, "Convergence Research", University of Notre Dame. October 2022.

Speaker, Learning Analytics and Measurement in Behavioral Sciences Lab, University of Notre Dame. "Education and Intergenerational Mobility." November 2022.

Speaker, McDonald's Global Impact Conference. "Future of Work." July 2022.

Speaker, Moment to See Courage to Act Symposium, "AI Initiative for Human Dignity and Development." University of Notre Dame November 2021.

Panelist, "Covid-19 Impacts in Asia", Stanford University, April 2020.

Panelist, Canada-U.S. AI Symposium, "AI Policy and Responsible Innovation," CIFAR, Toronto, 2020.

Speaker, Samsung Economic Research Institute, "Digital Technologies and Labor," 2019.

Speaker, Stanford-Seoul National University Summer School on Entrepreneurship, "Lectures on Entrepreneurship," 2019.

Keynote Speaker, "How Would Artificial Intelligence Affect the Labor Market?" Korea Computer Scientists and Engineers Association in America, Mountain View, 2018.

Speaker, Asia Innovation and Entrepreneurship Association and NBER Conference, Kuala Lumpur, 2018.

Semi-Plenary Speaker, International Schumpeter Society Conference, Seoul, 2018.

Panelist, Jeju Forum, Friedrich Naumann Foundation, Panel on 4th Industrial Revolution and Entrepreneurship, 2018.

Panelist, Stanford in Government, "North Korea's Nuclear Threat," 2018.

Panelist, Seoul-LA Forum, Pacific Council of International Affairs, Los Angeles, 2017.

Speaker, KDI School of Public Policy, "Exploring the Determinants of Entrepreneurship," 2017.

Panelist, International Conference on North Korea and International Sanctions, Seoul, 2016

Speaker, Hana-Stanford Conference on Korea for U.S. Secondary Teachers, "Lecture on the South Korean Economic Growth," 2015, 2016

Discussant, Stanford Summer Juku on the Japanese Economy, 2015

Speaker, Center for Strategic & International Studies Workshop on the Effectiveness of Sanctions on North Korea, 2014

Panelist, Humanitarian Assistance at the Crossroads Symposium, Watson Institute for International Studies and the Global Health Initiative, Brown University, 2013

PUBLIC-FACING ENGAGEMENTS

Research Translation and Writing for the General Audience
"AI and the Future of Labor." *Dignity and Development*. 2021

"Robots and Labour in the Service Sector" *VoxEU*, February 17, 2021.

"AI Regulation and Firm Behavior" *VoxEU,* December 14, 2019.

"What South Korea's Case Informs Us About the Infection Mortality Rate for Covid-19." 2020.

"US Tech Companies Can Do More During the Covid-19 Outbreak." *Medium*. March 30, 2020.

"Political Influence and Trade Uncertainty: Evidence from Sanction Threats and Impositions." (with Seung Hoon Lee), *Economics Bulletin* (2018), 38(1): 367-372.

Trade Policy with Asia by the Next U.S. Administration, Policy Notes by Shorenstein Asia-Pacific Research Center, November 1, 2016.

"Reflections on the Seventieth Anniversary of the End of the Pacific War: Eight Stanford Scholars Write Their Own August Statement" (with Alberta Diaz-Cayeros, Peter Duus, Thomas Fingar, David Holloway, Takeo Hoshi, Henry S. Rowen, and Daniel C. Sneider). 2015. Shorenstein Asia-Pacific Research Center.

Selected Media Coverages/Interviews/Podcasts
"Trump wants to create manufacturing jobs. His tech allies invest in robots to do the work." ABC News (May 24, 2025).

"Notre Dame economist explores how using robots in nursing homes affects workers and patients." Notre Dame News (January 2025).

"Japanese Nursing Homes Using Robots Had Better Care Outcomes," Open Minds Weekly News Wire (February 2025).

"Future of Work." Think ND Podcast (December 14, 2023).

"Exploring the AI Effect." WSBT-TV Town Hall Meeting (December 14, 2023).

"AI can alert urban planners and policymakers to cities' decay." Notre Dame News (October 26, 2023).

"Generative AI to usher in new workplace reality for white-collar workers." S&P Global Market Intelligence (October 5, 2023).

"How information about regulation can change managers' feelings toward AI." Charter (July 31, 2023).

"AI drive-thrus may be good for business, but not for the rest of us" CNN (June 17, 2023).

"Will a Robot Take My Job?" Notre Dame News (May 29, 2023).

"From the Future – Philosophical, Political, Practical Issues." The Observer (January 31, 2023).

"Detecting Signs of Urban Decay." Stanford Human-Centered AI Institute (October 24, 2022).

"The Dutch Tax Authority Was Felled by AI – What Comes Next?" IEEE Spectrum (May 9, 2022).

"Rise in trust of institutions led to boos in entrepreneurial intent, especially among STEM undergraduates." Notre Dame News (April 6, 2022).

"How to Stop Worrying and Love the Robot Apocalypse." Freakonomics Radio (May 20, 2021)

"Robots may be the right prescription for struggling nursing homes." Oliver Wyman Forum (June 10, 2020)

"The evolving impact of robots on jobs." Let's Talk AI Podcast (September 19, 2020)

"Trust, testing and tracing: How South Korea succeeded where the US stumbled in coronavirus response." ABC News interview (March 1, 2020)

"Trump-Kim Summit and North Korea Sanctions and Development." KQED Newsroom interview (March 1, 2019)

"Entrepreneurship and Innovative Immigrants of Stanford Alumni." Stanford FSI News (2018)

"Sanctions on North Korea." KCRW To the Point (October 11, 2017), KBS News (2016), VoxEU(2014), Peterson Institute North Korea Blog (2014), Stanford News (2014), NK News (2014), Radio Free Asia (2014) Donga Ilbo(2014).

"Organization of Disaster Aid Delivery." Huffington Post (2013), Stanford FSI News (2015)

Op-Eds
"Trump's economists should study what happened in Japan and South Korea" Op-Ed in *The Hill*, May 29, 2025.

"Human Capital and North Korea Development" Op-Ed in *The Korea Times* (in Korean), May 16, 2019.

"The Chemistry Between Donald Trump and Kim Jong Un" Op-Ed in *The Diplomat Times*, February 27, 2019.

"Happiness and Productivity" Op-Ed in *The Korea Times* (in Korean), March 21, 2019.

"What Would and Aged Society Look Like" Op-Ed in *The Korea Times* (in Korean), January 23, 2019.

 "Rethinking North Korean Economy?" Op-Ed in *The Korea Times* (in Korean), November 29, 2018.

 "Helping the Career Choices of Our Children in the 4th Industrial Revolution" Op-Ed in *The Korea Times* (in Korean), October 18, 2018.

"Should We Encourage Kids to Learn Coding?" Op-Ed in *The Korea Times* (in Korean), August 6, 2018.

"A Grand Bargain between the US and China Seems More Likely than Ever." Op-Ed in *Maeil Business Newspaper* (in Korean), December 25, 2017.

"New North Korea Sanctions a Plausible Step yet Unlikely to Break Deadlock", Shorenstein Asia-Pacific Research Center, July 20, 2017.

"Technological Change: Why Korea Needs a Longer-Term Perspective on Job Creation." Op-Ed in *Maeil Business Newspaper* (in Korean), June 27, 2017.

"Technology, Not Trade, Will Affect Jobs in U.S., South Korea." Op-Ed for the Pacific Council of International Affairs, May 2017.

"Labor Market by the Youth, and for the Youth." Op-Ed in *Maeil Business Newspaper* (in Korean), January 30, 2017.

"Is Korea Ready to Accept Failure?" Op-Ed in *Maeil Business Newspaper* (in Korean), June 21, 2016.

OTHER EXPERIENCE

2016-2021   Founder, Palo Alto Analytics, LLC - Data analytics and economic analysis
2003-2005   Consultant, Hanmi Global - Real estate development and finance consulting
2001-2003   Designer, Kimm and Lee Associates - Architecture design and urban planning

STUDENT, PRE-DOC, POST-DOC ADVISING

- Cassandra Merritt, PhD in Economics (UC Davis) 2025~. Current Postdoctoral Scholar, Keough School of Global Affairs.
- Jacob Dominski, BA in Economics (U Michigan) 2025~. Current Predoctoral Scholar, Institute for Ethics and the Common Good.
- Jody Oetzel, MGA 2023, Notre Dame. Placement: Predoctoral Student, ND-IBM Tech Ethics Lab. PhD program, UNC Chapel Hill.
- Nikita Elkin, BA 2024, Notre Dame. Senior Honors Thesis.
- Emma Jackson, MGA 2024, Notre Dame. Religions for Peace
- Swapnil Motghare, Post-doc 2023, Notre Dame. Placement: Project Scientist, California Policy Lab, University of California.
- Nicoleta Paladi, MGA 2023, Notre Dame. Placement: International Refugee Assistance Project.
- Joe Tatarka, BA 2023, Notre Dame. Senior Honors Thesis. Placement: Pre-doc, University of Chicago Booth School of Business.
- Benjamin Larsen, PhD 2022, Visiting Doctoral Student, Stanford. Placement: World Economic Forum.
- Andrea Vallebueno, MS 2022, Stanford. Placement: Stanford REG-Lab.
- Soomin Jun, MIP 2022, Stanford. Placement: Discord.
- Tyler Whittle, PhD 2021, Stanford. Placement: Floodgate.
- Anna Popova, PhD 2021, Stanford. Placement: Apple.
- John Chung, PhD 2019, Stanford. Placement: Auburn University.
- Sukwoong Choi, PhD 2019, KAIST. Placement: Post doc, MIT Sloan School of Management.
- Yeaseul Lim, MIP 2016, Stanford. Placement: Samsung.

UNIVERSITY SERVICE AND COMMITTEES

University of Notre Dame
- University Committee on Intellectual Property, 2025-
- Notre Dame Global Faculty Advisory Committee, 2024-
- AI Innovation Council, 2024-2025.
- Research IT Stewardship Committee, 2024-

- Generative AI Task Force, 2023-2024.
- Keough School of Global Affairs
    - Rogalski Chair Faculty Hiring Committee Chair, 2025.
    - Technology Ethics Faculty Hiring Committee Chair, 2024.
    - Computational Social Science Faculty Hiring Committee, 2023-2024.
    - Strategic Plan Drafting Committee, 2022-2023.
- Notre Dame Ethics Initiative
    - ND-IBM Tech Ethics Lab Faculty Hiring Committee, 2024.
    - Technology Ethics Planning Group, 2023-2024.
- Notre Dame Technology Ethics Center
    - Curriculum Committee, 2021-2023.

Stanford University
- Freeman Spogli Institute for International Studies
    - Japan Program Faculty Hiring Committee, 2019-2020.
    - Korea Program Faculty Hiring Committee, 2015-2016, 2017-2018, 2018-2019.
    - Senior Research Scholar Appointment Committee, 2018.
    - Stanford FSI China Fund Selection Committee, 2017.
- Shorenstein Asia-Pacific Research Center
    - Post-Doctoral Fellowship Selection Committee, 2017, 2018, 2019, 2020, 2021   .
    - Graduate Student Travel Award Committee, 2018.
    - Visiting Scholars Selection Committee, 2017, 2018.
- Center for East Asian Studies
    - Graduate Student Admissions Committee, 2016-2017, 2017-2018. 2019-2020.

Williams College
- Winter Studies Committee, 2013.