Fatma N Karaman Kabadurmus

Contact Information

Social Science Department, University of Wisconsin-Stout Polytechnic, WI 54751 e-mail: karamanf@uwstout.edu

Education

Ph.D., Economics, Southern Illinois University Carbondale, 2012. Dissertation: "A Theoretical and Empirical Study of Export Quality in Turkey: The Roles of Competition, Trade Policies, and Credit Constraints", Chair: Dr. Sajal Lahiri.

M.S., Economics, Istanbul Technical University, 2006.

B.A., Business Administration, Istanbul University, 2004.

Research Interests

Economics of Innovation, Health Economics, Industrial Organization, International Trade.

Professional Experience

University of Wisconsin-Stout Polytechnic, Social Science Department

Assistant Professor — Fall 2024 -

University of Wisconsin-Stout Polytechnic, Social Science Department

Lecturer — 2023 - 2024

Clemson University, John E. Walker Department of Economics

Lecturer — Spring 2022 - 2023

Yasar University, Turkiye, Department of Economics

Associate Professor of Microeconomics (Turkish Council of Higher Education) — June 2021

Assistant Professor — 2013 - 2021

Kalamazoo College, Department of Economics and Business

Visiting Assistant Professor — 2012 - 2013

Southern Illinois University Carbondale, Department of Economics

Teaching Assistant & Instructor — 2008 - 2012

Istanbul Technical University, Department of Management Engineering

Research & Teaching Assistant — 2005 - 2008

Honors and Awards

UW- Stout Polytechnic, Artificial Intelligence Fellow, 2024-25.

Turkish Scientific and Technical Research Council (Turkish NSF), Postdoctoral Reintegration Fellow, 2014-16.

Turkish Scientific and Technical Research Council, I nternational S cientific Pu blication Encouragement Awards, 2014-20.

Yasar University Scientific P ublication E ncouragement A wards, 2014-20.

Southern Illinois University Carbondale, Ph.D. Scholarship, 2008-12.

Southern Illinois University Carbondale, Thomas and Chany Chung Scholarship, 2008.

Turkish Scientific and Technical Research Council, Graduate Research Fellowship, Marmara University, Ph.D. (ABD), Economics, 2006-08.

Grants and Projects

National Science Foundation, Accelerating Research Translation (ART) Track 1, Institutional Model for Pathways And Coordination in Translation: IMPACT at UW-Stout, $2,243,450, 2026, Proposal declined, Co-PI.

UW- Stout Polytechnic, Faculty Research Initiative Grant, "Institutional Pathways to Opportunity: A Quantitative Analysis of Professions-Focused Universities and Socioeconomic Mobility Outcomes", $8000, 2026, PI.

UW- Stout Polytechnic, Startup Research Grant, Firm Level Sustainability: A Machine Learning Approach, $2000, 2025, PI.

UW- Stout Polytechnic, Chancellor's Fund for Teaching Excellence & Student Success Grant, Government's Role in Digital Transformation During the Pandemic, $1854, 2024-25, PI.

Turkish Scientific and Technical Research Council, BIDEP 2232- International Fellowship for Outstanding Researchers, "Determinants of Innovation in Turkish Firms: Analysis of Cross Section and Panel Data", 2014-2016, PI.

Turkish Scientific and Technical Research Council, TUBITAK 1001 Project, "Turkish Direct Investment Abroad: A Micro-Data Analysis", Co-PIs: O. Kayalica, S.S. Kayam, and M. Hisarciklilar, 2005-2008, Researcher.

Courses Taught

UW-Stout Polytechnic Undergraduate: Innovation and AI in the Modern Economy (Spring 2026), Independent Study (Fall 2025), Principles of Macroeconomics Honors (2025-), International Economics (Spring 2024), Principles of Macroeconomics (2023-), Principles of Microeconomics (2023-) .

Clemson University Undergraduate: Principles of Microeconomics (Fall 2022), Principles of Macroeconomics (Spring 2022, Spring 2023).

Yasar University Graduate: Microeconomics II (2017, 2018), Microeconomics I (2018), International Economics (2014), Economics of Innovation (2013). Undergraduate: Senior Project in Economics II (2019, 2020), Senior Project in Economics I (2018, 2019), Economics of Regulation (2019), Economics of Technology and Innovation (2014-2017, 2019, 2020), International Economics I (2014-2020), International Economics II (2017-2020), Applied Econometrics (2016), Microeconomics I (2017-2020), Microeconomics II (2017-2020), Microeconomics (2013-2017), Macroeconomics (2017), Introduction to Economics I (2014, 2017), Introduction to Economics II (2014, 2015, 2017).

Kalamazoo College Undergraduate: Open Economy Macroeconomics (Spring 2013), Economics of Innovation (Winter 2013), International Trade (Winter 2013), Economic Development and Growth (Fall 2012), Principles of Economics (Fall 2012, Spring 2013).

Southern Illinois University Carbondale Undergraduate: Introduction to International Economics (Fall 2010, Fall 2011), Introduction to Macroeconomics (Spring 2011, Spring 2012) Introduction to Microeconomics (Fall 2009, Spring 2010).

Journal Articles

"Digital Adaptation and Crisis-Related Innovation During the COVID-19 Pandemic: Evidence from Selected MENA Economies" (2026), Administrative Sciences, 16(8).

"The Impact of Socioeconomic Factors on the HIV-Related Stigma of People Living With HIV in Turkey" (2025), Inquiry: The Journal of Health Care Organization, Provision, and Financing, 62. (with Hulya Ozkan Ozdemir, and Durmus Ozdemir)

"Do Socioeconomic Inequalities Increase the Spread of COVID-19 in Turkey?" (2023), Applied Economic Letters, 30(13), 1776-1779. (with Alpay Ari, Hulya Ozkan Ozdemir, Selma Tosun, and Durmus Ozdemir)

"Corruption and Innovation: The Importance of Competition" (2022), International Journal of Emerging Markets, 17(3), 766-788. (with Kevin Sylwester)

"Innovation Challenges in South Asia: Evidence from Bangladesh, Pakistan, and India" (2021), Journal of South Asian Development, 16(1), 100-129.

"Antecedents to Supply Chain Innovation" (2021), International Journal of Logistics Management, 31(1), 145-171.

"The Impact of Socioeconomic Factors on the Healthcare Costs of People Living with HIV" (2021), BMC Public Health, 20(1), 1-10. (with Hulya Ozkan Ozdemir, Selma Tosun, and Durmus Ozdemir)

"Innovation in Eastern Europe & Central Asia: A Multi-criteria Decision-Making Approach" (2019), Business & Management Studies: An International Journal, 7(3), 98-121. (with Ozgur Kabadurmus)

"The Relationship between Logistics Performance and Innovation: An Empirical Study of Turkish Firms" (2019), Alphanumeric Journal, 7(2), 157-172.

"Determinants of Supply Chain Innovation" (2018), Journal of Entrepreneurship and Innovation Management, 7(1), 75-101. (with Ozgur Kabadurmus)

"Corruption and Innovation: The Case of EECA Countries" (2017), Journal of Entrepreneurship and Innovation Management, 6(2), 51-71.

"Competition and Innovation in Product Quality: Theory and Evidence from Eastern Europe and Central Asia" (2014), The B.E. Journal of Economic Analysis & Policy, 14(3), 979–1014. (with Sajal Lahiri)

Research in Progress

"A Machine Learning Approach to Analyzing Firm-Level Sustainability", Socio-Economic Planning Sciences, (2nd revised and resubmitted). (with Ozgur Kabadurmus)

"Human-Centered Innovations for Sustainable Supply Chains in Industry 5.0", in Smart, Sustainable, and Human-Centric Supply Chains: Shaping the Industry 5.0 Era, ed. Demir, S., Taylor & Francis. (forthcoming)

Book Chapters

* and § are used to denote graduate and undergraduate students that I advised/mentored.

"Does Supply Chain Digitalization Affect Innovation Performance? Evidence from the COVID-19 Pandemic" (2025), in The Palgrave Handbook of Supply Chain and Disruptive Technologies, eds. Subramanian, N., Kayikci, Y., Bourlakis, M., Palgrave Macmillan, Cham. (with Marina Dabic)

"Revolutionizing Last-Mile Delivery: Discovering Disruptive Technologies and Innovative Solutions" (2025), in The Palgrave Handbook of Supply Chain and Disruptive Technologies, eds. Subramanian, N., Kayikci, Y., Bourlakis, M., Palgrave Macmillan, Cham. (with Yasanur Kayikci and Ozgur Kabadurmus)

"Creating a Networked Innovation Ecosystem for Industry 4.0" (2022), in Handbook on Technology Management, eds. Daim, T., Dabic, M., and Su, Y., Routledge.

"National Innovation Systems: Comparison of Turkey and South Korea" (2021), in Innovation Management and Growth in Emerging Economies, eds. Webb, H.C., Wu, W., and Numairy, H.A., IGI Global, Hershey, PA. (with Ceyda Senses§ and Buse Turkyilmaz§)

"Product Sophistication: A Cross-Country Analysis" (2019), in Emerging Economic Models for Global Sustainability and Social Development, eds. Christiansen, B., Sysoeva, I., Udovikina, A., and Ketova, A., IGI Global, Hershey, PA.

"Role of Credit Constraints on Product Quality: A Case Study of Turkey" (2017), in Technological Integrations as a Catalyst for Industrial Development and Economic Growth, eds. Christiansen, B., and Yuksel, U., IGI Global, Hershey, PA. (with Sajal Lahiri)

"Competition and Product Innovation by Turkish Firms" (2016), in Handbook of Research on Comparative Economic Development Perspectives on Europe and the MENA Region, eds. Christiansen, B., and Erdogdu, M., IGI Global, Hershey, PA. (with Sajal Lahiri)

Presentations

"Playing for Passion, Not Pay: Economic Trade-offs and NIL Awareness in Division III Women's Soccer ", National Conference on Undergraduate Research, (with Ella Kemp§ , April 13-15, 2026, Richmond, VA.

"A Machine Learning Approach to Analyzing Firm-Level Sustainability ", 90th Annual Meeting of the Midwest Economic Association, March 20-22, 2026, Chicago, IL.

"Green Innovation in MENA firms", 46th Annual Meeting of the Middle East Economic Association, January 3-7, 2026, Philadelphia, PA.

"Government's Role in Digital Transformation During the Pandemic: Evidence from Selected MENA Countries", 45th Annual Meeting of the Middle East Economic Association, January 3-7, 2025, San Francisco, CA.

"Determinants of E-Commerce in Turkey", ECONDER 2020 III. International Economics Business and Social Sciences Congress, October 22-25, 2020, Kahramanmaras, Turkey. (with Burakhan Ilter*)

"The Impact of the Global Financial Crisis on Turkish Food Sector", XII. International Congress on Social Sciences, China to Adriatic, October 23-24, 2020, Faryab University. (with Ozge Esnafoglu*)

"Entrepreneurship, Trade and Innovation Intermediaries in Universities and Impact on Regional Economy", Newton Fund Workshop (discussant), September 12-13, 2019, Izmir, Turkey.

"The Impact of Socioeconomic Factors on the Healthcare Costs of People Living with HIV", All Izmir Economics Workshop, May 3, 2019, Izmir, Turkey.

"Innovation Comparison of Developing Countries: A Multi-criteria Decision-Making Approach", UIK 18th International Business Congress, May 2, 2019, Osmaniye, Turkey.

"Corruption and Innovation", Sabanci University Economics Seminar, invited speaker, 2018, Istanbul, Turkey.

"Universities and Regions", Newton Fund Workshop (discussant), March 16-17, 2017, Izmir, Turkey.

"Does a Corrupt Environment Affect the Role of Market Structure on Innovation?", All Izmir Economics Workshop, May 14, 2016, Izmir, Turkey.

"How Does the Competitive Environment Affect the Rate of Innovation? A Case Study of Turkey", World Conference on Technology, Innovation and Entrepreneurship, May 28-30, 2015, Istanbul, Turkey.

"Economics of Innovation", Erasmus Teaching Staff Mobility Program, June 7-13, 2014, Department of Business Administration, Technological Education Institute of Piraeus, Greece.

"Export Quality: Role of Subsidies and Credit Constraints", Midwest Economics Association Annual Meeting, March 30-April 1, 2012, Chicago, IL.

"Competition and Innovation in Product Quality: Theory and Evidence from Turkey" (with Sajal Lahiri), Thirty-Second Annual Meeting of the Middle East Economic Association (MEEA), Allied Social Science Associations, January 5-8, 2012, Chicago, IL.

"Competition & Innovation", Auburn University, Economics Seminar Series, invited speaker, 2011, Auburn, AL.

"The Role of Investments in Universities and in Airports on Regional Convergence", Annual Meetings of the Middle East Economic Association, January 3-6, 2008, New Orleans, LA. (with Fatma Dogruel)

"The Impacts of Trade Liberalization on Regional Growth: A Case Study of Turkey", ICMBE'07: International Conference on Management, Business and Economics, June 13- 17, 2007, Izmir, Turkey.

"Static Effects of the Customs Union", Eighth Meeting of the European Trade Study Group, September 7- 9, 2006, Vienna, Austria. (with Lerzan Ozkale)

Masters Students

Ozge Esnafoglu, M.A. Student. The Impact of the Global Financial Crisis on Turkish Food Sector. Yasar University (2020).

Burakhan Ilter, M.A. Student. The Determinants of E-Commerce: Case of Turkey. Yasar University (2020).

Administrative Experience

UW-Stout Polytechnic

AI Innovation Committee, Industry Engagement Subcommittee (member), (2026-).

Finance Committee (member), (2026-).

Faculty Senate (alternate), (2025-).

Social Science Personnel Committee (member), Social Science Department (2025-).

Marketing and Business Education Advisory Board, (member), School of Education (2023-).

Educational Activities Committee (member), (2026).

Collaborative Impact Committee (member), (2025-2026).

Finance Committee (alternate), (2025-2026).

Yasar University

Board of Directors, (member), Faculty of Business (2017-2021).

Student Placement Commission (member), Department of Economics (2016-2021).

International Office Coordinator, Department of Economics (2013-2021).

Microeconomics Course Coordinator, Department of Economics (2013-2021).

Undergraduate Erasmus Coordinator, Department of Economics (2017-2019).

Kalamazoo College

Senior Individualized Project Supervisor for two students, Department of Economics and Business (2013).

Refereeing

International Journal of Production Economics, International Journal of Emerging Markets, Economics Research International, Economics Bulletin, Journal of Entrepreneurship and Innovation Management, Journal of Yasar University, Comparative Economic Perspectives on Europe and the MENA Region, eds. Christiansen, B. and Erdogdu, M., IGI Global, Hershey, PA. (Editorial Advisory Board).

Computer Skills

Stata, Eviews, LaTeX.

Professional Affiliations

American Economic Association, Midwest Economics Association, Middle East Economic Association, FEMISE (Euro-Mediterranean Forum of Institutes of Economic Sciences), Turkish Economic Association, Women Economists Society of Turkiye.