

COSTAS ARKOLAKIS

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Education

<i>Degree</i>	<i>Institution</i>
Ph.D. in Economics, 2007	University of Minnesota
M.A. in Economics, 2005	University of Minnesota
B.A. in Economics, 2001	Aristotle University of Thessaloniki, Greece

Current Positions

MITRE Visiting Fellow, University of Michigan, 2023-24.
Professor of Economics, Yale University, July 2018-present,
Department of Economics Affiliation: Economic Growth Center, Cowles Foundation
Co-Director Yale Center for Geospatial Solutions, July 2023-present
Director Hellenic Studies Program at Yale, July 2024-present
Editor, Journal of International Economics, July 2021-present
Faculty Research Fellow, National Bureau of Economic Research, 2015-present (*Associate 2008-15*)

Past Academic Positions

Henry Kohn Associate Professor of Economics, Yale University, May 2014-June 2018
Associate Professor of Economics, Yale University, July 2013- July 2018
Peter B. Kenen Fellow, Princeton University, 2012-2013
Assistant Professor of Economics, Yale University, July 2007-June 2013

Past Visiting Positions and Academic Affiliations

2016-2017 *Visiting Associate Professor*, MIT (Fall), Northwestern University (Spring).
2012-2013 *Kenen Fellow*, Princeton University.
2010 *Visiting Assistant Professor*, University of Chicago (Spring).
2004-07, 09, 21 *Visiting Scholar*, Research Department, Federal Reserve Bank of Minneapolis.

Honors and Awards

2024 *Fellow of the Econometric Society*, The Econometric Society.
2023 *STEG Large Research Grant*: “Clean Water” with Anton Yang and Conor Walsh.
2021 *Economic Theory Fellow*, Society for Advancement of Economic Theory.

- 2021-24 *National Science Foundation (NSF) grant SES-2117288, “Clean Growth and Comparative Advantage,”* with Conor Walsh.
- 2020-23 *National Science Foundation (NSF) grant SES-2018234, “Nonparametric Gravity: Quantifying Firm Heterogeneity and Measuring Its Macroeconomic Implications,”* with Rodrigo Adao and Sharat Ganapati.
- 2019 *NBER Economics of Transportation in the 21st Century Initiative grant,* with Treb Allen.
- 2018-21 *NSF grant SES-1831524 “RIDIR: A Big Data Approach to Understanding American Growth,”* with Sun Kyoung Lee and Michael Peters.
- 2017-20 *NSF grant SES-1658875 “A Unified Approach to Spatial Economics,”* with Treb Allen.
- 2017 *NBER Entrepreneurship small grant,* with Sun Kyoung Lee and Michael Peters.
- 2017 *Bodossaki Young Scientist Prize* for a Greek social scientist under age 45.
- 2013-18 *NSF CAREER Award: “Welfare Gains from Economic Integration: A Unified Approach”.*
- 2012-13 *Kenan Fellowship,* Princeton University.
- 2009-12 *NSF grant SES-0921673 “Firm Heterogeneity and Firm Exporting Dynamics”.*
- 2009 *CESifo Distinguished Affiliate Prize,* Global Economy conference, CESifo Munich.
- 2010,12,13 *Excellence in Refereeing Award,* American Economic Review.
- 2013 *Referee Prize,* Economic Journal.
- 2006-07 *Heller Dissertation Fellowship,* Department of Economics, University of Minnesota.
- 2005 *First Prize-Hardy 3rd-Year Paper “Endogenous Specialization, Intermediate Goods, and International Business Cycles,”* with Ananth Ramanarayanan, University of Minnesota.

Publications

- “On the Equilibrium Properties of Spatial Models,” 2023, (with Treb Allen and Xiangliang Li), *forthcoming, American Economic Review Insights*,
- “Economic Activity Across Space: A Supply and Demand Approach” (with Treb Allen), 2023, *Journal of Economic Perspectives*, 37 (2): 3-28.
- “The Welfare Effects of Transportation Infrastructure Investments,” (with Treb Allen), 2022, *Review of Economic Studies*, 89(6), 2911-2957.
- “Firm Dynamics and Trade”, (with George Alessandria and Kim Ruhl), 2021, *Annual Review of Economics*, 13, 253-280.
- “Universal Gravity,” (with Treb Allen and Yuta Takahashi), 2020, *Journal of Political Economy*, 2020, 128(2), 393-433,
- “The Extensive Margin of Exporting Products: A Firm Level Analysis,” 2019, (with Marc-Andreas Muendler and Sharat Ganapati), *NBER working paper 16641, forthcoming at the American Economic Journal, Macro*,
- “The Elusive Pro-Competitive Effects of Trade,” (with Arnaud Costinot, Andres Rodriguez-Clare, Dave Donaldson), 2019, *Review of Economic Studies*, 86(1), 46-80
- “Innovation and Production in the Global Economy,” (with Natalia Ramondo, Andres Rodriguez-Clare, Stephen Yeaple), 2018, *American Economic Review*, 108(8), 2128-73,
- “Firm Learning and Growth,” (with Theodore Papageorgiou, Olga Timoshenko), 2018, *Review of Economic Dynamics*, 27, 146-168, 2018,
- “A Unified Theory of Firm Selection and Growth,” 2016, *Quarterly Journal of Economics*, 131(1), 89-155,
- “Trade and the Topography of the Spatial Economy,” (with Treb Allen), 2014, *Quarterly Journal of Economics*, 129(3), p.1085-1140,
- “New Trade Models, Same Old Gains?,” (with Arnaud Costinot, Andres Rodriguez-Clare), 2012, *American Economic Review*, 102(1), p. 94-130,

“Market Penetration Costs and the New Consumers Margin in International Trade,” 2010, *Journal of Political Economy*, 118(6), 1151-1199,
“Vertical Specialization and International Business Cycles Synchronization,” , (with Ananth Ramanarayanan), 2009, *Scandinavian Journal of Economics*, 111 (4), p. 655-680
“The Gains from Trade with Endogenous Variety,” (with Pete Klenow, Svetlana Demidova, Andres Rodriguez-Clare), 2008, *The American Economic Review, Papers and Proceedings*, 98 (2), 444-450,
“Exporters and Their Products: A Collection of Empirical Regularities,” (with Marc-Andreas Muendler), 2013, *CESifo Economic Studies*, 59(2), 223-248.

Manuscripts under Review or Completed Manuscripts

“The Economics Impacts of Clean Power”, (with Conor Walsh), commissioned for the *Brooking Papers for Economic Activity, Fall 2024*
“Combinatorial Discrete Choice: A Quantitative Model of Multinational Location Decisions”, (with Fabian Eckert and Rowan Shi),
“Clean Growth”, (with Conor Walsh),
“General Equilibrium Effects in Space: Theory and Measurement,” 2021, (with Rodrigo Adao and Federico Esposito),
“A Multivariate Distribution with Pareto Tails and Pareto Maxima,” 2017, (with Andres Rodriguez-Clare and Jiun-Hua Su),
“Optimal City Structure,” 2015, (with Treb Allen and Xiangliang Li),
“Gains from Trade under Monopolistic Competition: A Simple Example,” 2014, (with Arnaud Costinot and Andres Rodriguez-Clare),
“Spatial Production Networks”, (with Federico Hunneus, Yuhei Miyauchi),
Aggregate Implications of Firm Heterogeneity: A Nonparametric Analysis of Monopolistic Competition Trade Models (with Rodrigo Adao, Sharat Ganapati).

Work in Progress

“European Immigrants and the United States’ Rise to the Technological Frontier,” (with Sun Lee and Michael Peters),
“Growing Large or Growing Old? A New Perspective on Firm Life Cycle” (with Emmanuel Dhyne and Giuseppe Moscarini”).

Books/Book Chapters

“Modern Spatial economics: A Primer,” 2018, (with Treb Allen), in “World Trade Evolution: Growth, Productivity and Employment” edited by Lili Yan Ing and Miaojie Yu, p.435-472, Routledge, London.

Students/Initial Placement (ℓ = committee chair or co-chair)

Treb Allen (ℓ 2012 Princeton Post Doc then Northwestern); *Olga Timoshenko* (ℓ 2012 George Washington Univ); *Maximiliano Dvorkin* (2014 St. Louis Fed); *Cristina Tello-Trillo* (ℓ 2015 US Census); *David Childers* (2016 Carnegie Mellon); *Federico Esposito* (ℓ 2016 Tufts); *Eunhee Lee* (ℓ 2016 Maryland); *Sharat Ganapati* (ℓ 2017 Dartmouth PostDoc then Georgetown); *Monica Morlacco* (ℓ 2018 Aarhus BSS PostDoc then USC); *Fabian Eckert* (ℓ 2019 Princeton and Minneapolis Fed PostDoc then UCSD); *Brian Greaney* (2020 University of Washington); *Conor Walsh* (2020 Princeton PostDoc

then Columbia Business School); *Daisuke Adachi* (ℳ 2021 Aarhus University); *Eduardo Fraga* (ℳ 2021 Convoy); *Xiangliang Li* (2021 Nankai University); *Lucas Conwell* (ℳ 2023 UCL); *Trevor Williams* (ℳ 2023 Cornerstone); *Zijian He* (ℳ 2023 *Capital One*); *Anthony Tokman* (ℳ 2024 Charles Rivers Associates); *Anna Vitali* (PhD UCL 2023, Dartmouth PostDoc then New York University); *Wei Xiang* (ℳ 2024 University of Michigan); *Ryungha Oh* (2024 Northwestern and Becker Friedman Foundation PostDoc then University of Chicago Booth); *Jack Liang* (ℳ Current), *Xiangyu Shi* (ℳ Current).

Teaching

Graduate 'Urban and Environmental Economics', 2023-present,
Graduate 'International Trade', Yale University, 2007-present.
Graduate 'International Finance', Yale University, 2010-2018.
Graduate 'General Economic Theory: Macro', Yale University, 2013.
Undergraduate '[The Economics of Space](#)', Yale University, 2018-present.
Undergraduate 'International Finance', Yale University, 2011-2016.
Undergraduate 'International Trade', Yale University, 2008.
Undergraduate 'Intermediate Macroeconomics', University of Minnesota, 2004-2006.
Undergraduate 'Principles of Macroeconomics', University of Minnesota, 2003-2004.

Editorial Work

Joint Editor-in-Chief, *Journal of International Economics*, July 2021-present, (Associate Editor, 2010-16, Co-editor 2017-2021).
Co-editor, *Economic Theory*, July 2015-Dec 2021.
Associate-editor, *American Economic Journal-Micro*, July 2017-2022.
Board of Editors, *Journal of Economic Literature*, Dec 2019-present.

Professional Activities

Theme Co-Leader: Theme 4, Trade and spatial frictions (with Paula Bustos) in Structural Transformation and Economic Growth, UK DFID-CEPR Research Program, 2020-2024.
Academic Consultant: Shanghai University of Finance and Economics (SUFE), July 2020-July 2023.
Co-organizer: *NBER Summer Institute, International Trade and Investment*, 2019-2020.
Sub-program Director: *Cowles Program for International Trade*, July 2017-July 2020.
Co-organizer: *Cowles Foundation conference on Macroeconomics*, Yale, June, 2011.
Program Committee: *Society for Economic Dynamics, Istanbul*, July 2009, *Ghent*, July 2011
Program Committee: *Society for Advancement of Economic Theory, Paris*, July 2013, *Cambridge*, July 2015, *Faro*, June, 2017, *Taipei* June 2018, *Ischia*, June 2019, *Seoul*, June 2021.
Referee for: *American Economic Journal: Microeconomics*, *The American Economic Review*, *The B.E. Journal of Macroeconomics*, *Canadian Journal of Economics*, *Econometrica*, *Economic Inquiry*, *Economic Journal*, *Economica*, *Economic Inquiry*, *International Economic Review*, *Journal of Economic Theory*, *Journal of International Economics*, *Journal of Political Economy*, *National Science Foundation*, *Quantitative Economics*, *Quarterly Journal of Economics*, *Review of Development Economics*, *Review of Economic Dynamics*, *Review of Economic Studies*, *Scandinavian Journal of Economics*

Keynote and Plenary Speeches

- 2024** [Jon Goldstein Memorial Lecture](#) University of Minnesota, CESifo Area Conference on Global Economy, [Public lecture](#) for launching of Hellenic Observatory Centre for Research on Contemporary Greece and Cyprus London School of Economics.
- 2023** Keynote FIW workshop on Regional Economics in Vienna, Keynote at 2023 Asia Pacific Trade Seminars in Daikin University, Keynote in the Workshop on the impact of global trade shocks in University of Luxembourg, Keynote at FEST workshop, Shanghai University of Finance and Economics.
- 2022** Keynote at RCEA conference on Recent Developments in Economics, Keynote at CRED Workshop on Regional and Urban Economics, Keynote at Global Economic Networks conference, Keynote at ASSET conference in Rethymnon, Keynote at Online Trade, Spatial Economics, and the Environment.
- 2021** Keynote at WEST and FEST workshops.
- 2020** George Fuller Memorial Lecture, Iowa State University.
- 2019** Keynote at NOITS conference on International Economics in Copenhagen, Keynote at Barcelona GSE Summer Forum in Barcelona, Keynote in Trade Workshop in Trade Policy and Firm Performance in Bad Homburg, Keynote at XXIV Degit in Odense, SMU Conference on Urban and Regional Economics.
- 2018** MacKenzie lecture Society for the Advancement of Economic Theory in Taipei, Keynote SUFE Summer Workshop in Shanghai.
- 2017** Keynote City Structure Workshop in Copenhagen, Plenary lecture Conference on Research on Economic Theory and Econometrics conference in Milos, Bodossaki Award Ceremony Lecture in Zappeion Athens, Keynote CESifo Global Economy conference in CESifo Munich, Keynote IEFS China in UIEB Beijing.
- 2016** Keynote CCER Summer Institute in Yantai.
- 2014** Plenary XIX Degit Conference in Vanderbilt, Plenary SNF Sinergia-CEPR Conference in Monte Verita.
- 2011** Keynote CESifo Global Economy conference in CESifo Munich.

Invited Presentations

- 2024** SUNY at Albany, Penn State University, University of Western Ontario, University of Toronto, World Bank, University of California San Diego trade day, Ludwig Maximilian University, Atlanta Federal Reserve Bank.
- 2023** Cambridge, Oxford, University of Barcelona Autònoma, Louisiana State University, World Bank, Columbia-NYU trade day, Interamerican Development Bank, Philadelphia Federal Reserve, University of Michigan, Renmin University.
- 2022** Harvard University, Boston College, University of Frankfurt, World Trade Institute.
- 2021** London School of Economics, Minneapolis Federal Reserve Bank OIGI, University of California at Davis, University of Chicago, University of Wisconsin at Madison.
- 2020** Bank of Mexico, [Virtual ITM](#), Bank of Portugal, Georgetown, Stanford.
- 2019** Berkeley HAAS, Minneapolis Federal Reserve Bank, Peking University, Royal Holloway, Stockholm University, Syracuse University, University of British Columbia, UCLA, Dartmouth College, University of Barcelona Autònoma, Pompeu Fabra, University Carlos III, CEMFI, University of Michigan, Notre Dame, Purdue, New York University, SUFE.

- 2018** Hong Kong University, Columbia, University of Luxemburg, Warwick, Pennsylvania State University, University of Minnesota, Philadelphia Federal Reserve Bank.
- 2017** Columbia, University of Chicago, Northwestern, Philadelphia Federal Reserve, University of Wisconsin at Madison, University of Geneva, HEC Lausanne, University of Pennsylvania, Bank of Canada, Maryland, Federal Reserve Board, Cambridge University, University of Zurich, Tinbergen Institute & University of Amsterdam, Brown.
- 2016** UCL, UCLA, Rochester, Wharton, Cowles Foundation, Tufts, MIT.
- 2015** Duke University, Columbia, Brown University, Boston College, City University of New York, York University, University of Western Ontario, Chinese University, HKU, Oxford, London School of Economics, Clemson, University of Houston, NUS, SMU
- 2014** George Washington University, Minneapolis Fed, CREI, ETH Zurich, INSEAD, University of Wisconsin at Madison, Michigan, Berkeley, Stanford, Northwestern, University of Chicago, Saint Louis Fed.
- 2013** University of North Carolina at Charlotte, University of Pennsylvania, Drexel University, University of British Columbia, Philadelphia Fed, Central Bank of Turkey, Duke University, Indiana University at Bloomington.
- 2012** Bank of Belgium, Pennsylvania State University, Texas A&M, University of Wisconsin at Madison, University of Chicago, Northwestern, UCLA, ITAM, Getulio Vargas Foundation, World Bank.
- 2011** MIT, Dartmouth, University of Illinois at Urbana-Champaign, University of Athens.
- 2010** Philadelphia Fed, Columbia, Princeton, Boston University, York, Toronto, Notre Dame, University of Chicago, University of California at San Diego, Stanford.
- 2009** UCLA, Carlos III, Athens University of Economics and Business, Minneapolis Fed.
- 2008** Harvard, Princeton, Dallas Fed, New York University, Bank of Portugal, Fordham, Pennsylvania State University, Wharton.
- 2007** London School of Economics, University of California at Berkeley, Boston University, University of Southern California, University of Chicago, University of Rochester, New York Fed, University of Wisconsin at Madison, Rochester University, University of Toronto, Yale University, University of Texas at Austin, University of California at San Diego, Pennsylvania State University, University of Michigan, Columbia, Northwestern, University of Cyprus, Athens University of Economics and Business, Aristotle University of Thessaloniki, IMF, University of Nottingham.
- 2006** University of Macedonia, Minneapolis Fed, McGill University.

Conference Presentations

- 2024** Conference in honor of Jeff Bergstrand, QED Frontiers of Macro conference, KDI-HAPI Conference, Dallas Federal Reserve University of Houston Bank of Mexico International Economics Conference.
- 2023** Workshop on production networks Richmond Fed, Society of Economic Dynamics, Conference in honor of Tim Kehoe, Princeton IES conference.
- 2022** Nottingham Trade Workshop, Chicago-Princeton Spatial Economics Conference, Southern Economic Association Conference, Penn State Conference in honor of Jonathan Eaton, Urban Economic Association, Federal Reserve Bank of Philadelphia Trade Workshop.
- 2021** American Economic Association, Online Workshop in International Trade, Society for the Advancement of Economic Theory, GTAP Annual Conference.
- 2019** Society of Economic Dynamics, NBER Conference on Cities Labor Markets and the Global Economy, Federal Reserve Bank of Philadelphia Trade Workshop, Dallas Federal Reserve

- University of Houston Bank of Mexico International Economics Conference. NBER International Trade and Investment (ITI).
- 2018** St. Louis Fed Macro-Trade Workshop, Cowles conference in Trade, Society of Economic Dynamics.
- 2017** City Structure workshop at Copenhagen, BFI conference on Firm-Dynamics at University of Chicago, HKUST conference on International Economics in Hong Kong, Asian Econometric Society Meetings in Hong Kong, Conference in International Trade and Production in Dresden, Society for Economic Dynamics, Society for the Advancement of Economic Theory.
- 2016** AEA, IGC Cities conference, Queens QED Macro conference, 2016 CCER Summer Institute, Tristan Workshop, Society of Economic Dynamics, CURE, Roundtable on Geography, Trade and Development at Panama City.
- 2015** Society of Economic Dynamics, NBER ITI.
- 2014** Conference on Research on Economic Theory and Econometrics, Conference on Firm and Technology Dynamics: A Global Perspective, SNF Sinergia-CEPR Conference.
- 2013** Workshop in International Trade at Florida International University, NBER ITI, Society for the Advancement of Economic Theory at Paris Tech, European Economic Association congress.
- 2012** Workshop in International Trade at Florida International University, Princeton IES conference.
- 2011** American Economic Association, Society for Economic Dynamics, Conference on Research on Economic Theory and Econometrics, CESifo Global Economy conference, NBER ITI.
- 2010** American Economic Association, Society for Economic Dynamics.
- 2009** American Economic Association, CESifo Global Economy conference, Society for Economic Dynamics, Conference on Research on Economic Theory and Econometrics, CESifo conference on Firm Heterogeneity and International Trade.
- 2008** Society of Economic Dynamics, NBER ITI.
- 2007** Empirical Investigations in International Economics, Society of Economic Dynamics, Conference on Economic Theory and Econometrics, NBER ITI, SITE Conference on Heterogeneity and Macro.
- 2006** Midwest Macroeconomics Meetings, North American Summer Meetings of the Econometric Society, Conference on Research on Theory on Economic Theory and Econometrics.
- 2004** Workshop on Modeling the Economic Impact of the Expansion of the European Union, Conference on Research on Economic Theory and Econometrics.