

CHAD SYVERSON

Curriculum Vitae

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University of Chicago Booth School of Business
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ACADEMIC POSITIONS

At the University of Chicago Booth School of Business:

George C. Tiao Distinguished Service Professor of Economics, 2020-Present

Eli B. and Harriet B. Williams Professor of Economics, 2018-2020

J. Baum Harris Professor of Economics; 2013-2018

Professor of Economics (Charles M. Harper Faculty Fellow, 2012-2013); 2008-2013

At the University of Chicago Department of Economics:

Associate Professor (with tenure), 2007-2008

Associate Professor, 2006-2007

Assistant Professor, 2001-2006

OTHER PROFESSIONAL APPOINTMENTS

Editor; Journal of Political Economy, 2018-Present

Editor; RAND Journal of Economics, 2013-2018

Editor; Journal of Industrial Economics, 2013-2014

Associate Editor; Management Science, 2011-2016

Associate Editor; Journal of Economic Perspectives, 2012-2015

Associate Editor; Journal of Economics & Management Strategy, 2010-2014

Associate Editor; RAND Journal of Economics, 2007-2013

Associate Editor; Journal of Industrial Economics, 2005-2013

Editorial Board Member; B.E. Journals in Economic Analysis and Policy, 2005-2013

Research Associate; National Bureau of Economic Research (Productivity, Industrial Organization, and Environmental and Energy Economics Programs), 2003-Present

EDUCATION

Ph.D. Economics, University of Maryland, 2001

M.A. Economics, University of Maryland, 1998

B.S. Mechanical Engineering, University of North Dakota, 1996

B.A. Economics, University of North Dakota, 1996

PUBLICATIONS

- “An Industrial Organization Perspective on Productivity.” (with Jan De Loecker), in *Handbook of Industrial Organization, Vol. IV*, forthcoming.
- “Product Innovation, Product Diversification, and Firm Growth: Evidence from Japan’s Early Industrialization.” (with Serguey Braguinsky, Atsushi Ohyama, and Tetsuji Okazaki), *American Economic Review*, forthcoming.
- “Enhancing Regulatory Decision-Making for Postmarket Drug Safety.” (with Vishal Ahuja, John R. Birge, and Carlos Alvarez), *Management Science*, forthcoming.
- “Fear, Lockdown, and Diversion: Comparing Drivers of Pandemic Economic Decline 2020.” (with Austan Goolsbee), *Journal of Public Economics*, 193, (January 2021).
- “The Productivity J-Curve: How Intangibles Complement General Purpose Technologies (with Erik Brynjolfsson and Daniel Rock), *American Economic Journal: Macroeconomics*, 13(1), (January 2021), 333-72.
- Microeconomics, 3rd Ed.* (with Austan Goolsbee and Steve Levitt), Worth, 2020.
- “How Wide Is the Firm Border?” (with Enghin Atalay, Ali Hortaçsu, and Mary Jialin Li), *Quarterly Journal of Economics*, 134(4), (November 2019), 1845-82.
- “Macroeconomics and Market Power: Context, Implications, and Open Questions.” *Journal of Economic Perspectives*, 33(3), (Summer 2019), 23-43.
- “Macroeconomics and Market Power: Facts, Potential Explanations, and Open Questions.” Brookings Institution Report, 2019.
- “Artificial Intelligence and the Modern Productivity Paradox: A Clash of Expectations and Statistics” (with Erik Brynjolfsson and Daniel Rock), in *The Economics of Artificial Intelligence: An Agenda*, Agrawal, Gans, and Goldfarb (eds.), 2019.
- “Sales Force and Competition in Financial Product Markets: The Case of Mexico’s Social Security Privatization.” (with Justine Hastings and Ali Hortaçsu), *Econometrica*, 85(6), (November 2017), 1723-61.
- “Audit Firms Face Downward-Sloping Demand Curves and the Audit Market Is far from Perfectly Competitive.” (with Joseph Gerakos), *Review of Accounting Studies*, 22(4), (December 2017), 1582-94.
- “Challenges to Mismeasurement Explanations for the U.S. Productivity Slowdown.” *Journal of Economic Perspectives*, 31(2), (Spring 2017), 165-86.
- “Healthcare Exceptionalism? Performance and Allocation in the U.S. Healthcare Sector” (with Amitabh Chandra, Amy Finkelstein, and Adam Sacarny), *American Economic Review*, 106(8), (August 2016), 2110-44.
- “Productivity Dispersion in Medicine and Manufacturing” (with Amitabh Chandra, Amy Finkelstein, and Adam Sacarny) *American Economic Review Papers and Proceedings*,

106(5), (May 2016), 99-103.

Microeconomics, 2nd Ed. (with Austan Goolsbee and Steve Levitt), Worth, 2016.

“The Slow Growth of New Plants: Learning about Demand.” (with Lucia Foster and John Haltiwanger.) *Economica*, 83(329), (January 2016), 91-129.

“Geographic Variation in Rosiglitazone use Surrounding FDA Warnings in the Department of Veterans Affairs” (with Vishal Ahuja, Min-Woong Sohn, John R. Birge, Elly Budiman-Mak, Nicholas Emanuele, Jennifer M. Cooper, and Elbert S. Huang), *Journal of Managed Care & Specialty Pharmacy*, 21(12), (December 2015), 1214-34.

“The Ongoing Evolution of US Retail: A Format Tug-of-War” (with Ali Hortaçsu), *Journal of Economic Perspectives*, 29(4), (Fall 2015), 89-112.

“Competition in the Audit Market: Policy Implications” (with Joseph Gerakos), *Journal of Accounting Research*, 53(4), (September 2015), 725-775.

“Acquisitions, Productivity, and Profitability: Evidence from the Japanese Cotton Spinning Industry” (with Serguey Braguinsky, Atsushi Ohyama, and Tetsuji Okazaki), *American Economic Review*, 105(7), (July 2015), 2086-2119.

“Vertical Integration and Input Flows” (with Enghin Atalay and Ali Hortaçsu), *American Economic Review*, 104(4), (April 2014), 1120-48.

Review of Vaclav Smil’s “Made in the USA: The Rise and Retreat of American Manufacturing.” *Journal of Economic Literature*, 52(3), (September 2014), 872-3.

“The Importance of Measuring Dispersion in Firm-Level Outcomes.” in *IZA World of Labor*, May 2014.

“Toward an Understanding of Learning by Doing: Evidence from an Automobile Plant” (with Steve Levitt and John A. List), *Journal of Political Economy*, 121(4), (August 2013), 643-681.

“Indirect Costs of Financial Distress in Durable Goods Industries: The Case of Auto Manufacturers” (with Ali Hortaçsu, Gregor Matvos, and Sriram Venkataraman), *Review of Financial Studies*, 26(5), (May 2013), 1248-1290.

Microeconomics. (with Austan Goolsbee and Steve Levitt), Worth, 2013.

“Will History Repeat Itself? Comments on ‘Is the Information Technology Revolution Over?’” *International Productivity Monitor*, 25, (Spring 2013), 37-40.

“Online vs. Offline Competition” (with Ethan Lieber), in *Oxford Handbook of the Digital Economy*, Martin Peitz and Joel Waldfogel (eds.), 2012, 189-223.

“What Determines Productivity?” *Journal of Economic Literature*, 49(2), (June 2011), 326-65.

“Is an Automaker’s Road to Bankruptcy Paved with Customers’ Beliefs?” (with Ali Hortaçsu, Gregor Matvos, Chaehee Shin, and Sriram Venkataraman), *American Economic Review*

Papers and Proceedings, 101(3), (May 2011), 93-7.

“Network Structure of Production.” (with Enghin Atalay, Ali Hortaçsu and Jimmy Roberts) *Proceedings of the National Academy of Sciences*, 108(13), (March 29, 2011), 5199-5202.

“Technological Change and the Growing Inequality in Managerial Compensation.” (with Hanno Lustig and Stijn Van Nieuwerburgh) *Journal of Financial Economics*, 99(3), (March 2011), 601-27.

“E-commerce and the Market Structure of Retail Industries.” (with Maris Goldmanis, Ali Hortaçsu, and Onsel Emre.) *Economic Journal*, 120(545), (June 2010), 651-82.

“How Do Incumbents Respond to the Threat of Entry? Evidence from the Major Airlines.” (with Austan Goolsbee.) *Quarterly Journal of Economics*, 123(4), (November 2008), 1611-33.

“Market Distortions when Agents are Better Informed: The Value of Information in Real Estate Transactions.” (with Steve Levitt.) *Review of Economics and Statistics* 90(4), (November 2008), 599-611.

“Reallocation, Firm Turnover, and Efficiency: Selection on Productivity or Profitability?” (with Lucia Foster and John Haltiwanger.) *American Economic Review* 98(1), (March 2008), 394-425.

“Markets: Ready-Mixed Concrete.” *Journal of Economic Perspectives* 22(1), (Winter 2008), 217-33.

“Antitrust Implications of Home Seller Outcomes when using Flat-Fee Real Estate Agents.” (with Steve Levitt.) *Brookings-Wharton Papers on Urban Affairs*, 2008, 47-93.

“Prices, Spatial Competition, and Heterogeneous Producers: An Empirical Test.” *Journal of Industrial Economics* 55(2), (June 2007), 197-222.

“Cementing Relationships: Vertical Integration, Foreclosure, Productivity, and Prices.” (with Ali Hortaçsu.) *Journal of Political Economy* 115(2), (April 2007), 250-301.

“Market Structure and Productivity: A Concrete Example.” *Journal of Political Economy* 112(6), (Dec. 2004), 1181-1222.

“Product Differentiation, Search Costs, and the Welfare Effects of Entry: A Case Study of S&P 500 Index Funds.” (with Ali Hortaçsu) *Quarterly Journal of Economics* 119(4), (May 2004), 403-456.

“Product Substitutability and Productivity Dispersion.” *Review of Economics and Statistics* 86(2), (May 2004), 534-550.

“Leak Testing of a Raised Face Weld Neck Flange.” (with George Bibel, Dion Weinberger, and Steven Dockter), *Welding Research Council Bulletin*, (January 2002).

SUBMITTED PAPERS/WORKING PAPERS

“The Anatomy of a Hospital System Merger: The Patient Did Not Respond Well to Treatment.”
(with Martin Gaynor, Adam Sacarny, Raffaella Sadun, Shruthi Venkatesh)

“Productivity Gaps and Job Flows: Evidence from Censal Microdata.” (with Elías Albagli, Mario Canales, Matías Tapia, Juan Wlasiuk) Working Papers Central Bank of Chile 895.

“Monopsony Power in Higher Education: A Tale of Two Tracks.” (with Austan Goolsbee)

“Management and Productivity in the Retail Sector.” (with Robert Metcalfe and Alex Sollaci)

“Misallocation Measures: The Distortion That Ate the Residual” (with John Haltiwanger and Robert Kulick)

“The Effects of Environmental Regulation on the Competitiveness of U.S. Manufacturing” (with Michael Greenstone and John A. List)

“Once and Done: Leveraging Behavioral Economics to Increase Charitable Contributions” (with Amee Kamdar, Steve Levitt, and John A. List)

RESEARCH PROJECTS AND AWARDS

Senior Personnel, “Collaborative Research: Engineering Human Capital in Technology Adoption and Discovery: Impact on Japan’s Industrialization.” NSF Award SMA- 2022440, 2020-2023.

Co-PI, “Entrepreneurs and Markets in Innovation-Driven Industry Growth.” NSF Award SMA-1632833, 2016-2018.

PI, “Empirical Studies of Production in Plants and Firms.” NSF Award SES-0820307, 2008-2010.

PI, “Empirical Research on Vertical Integration and Productivity.” NSF Award SES-0519062, 2005-2007.

“Patterns of Firm Expansion.” (with Ali Hortaçsu) Chicago Census Research Data Center, Project CH-00573, 2007-2012.

“E-commerce and the Market Structure of Retail Industries.” (with Ali Hortaçsu). NET Institute, 2005.

Co-PI (with Ali Hortaçsu), “Entry, Competition, and Welfare in the Mutual Fund Industry.” NSF Award SES-0242031. 2003-2005.

“How Do Incumbents Respond to the Threat of Entry on Their Networks: Evidence from the Major Airlines.” (with Austan Goolsbee). NET Institute, 2004.

“Technology Dispersion and Persistence within Industries.” Olin Foundation Grant, University of Chicago, 2005.

“Studies in Productivity.” Olin Foundation Grant, University of Chicago, 2004.

“Market Structure and Competition in the Mutual Fund Industry.” (with Ali Hortaçsu.) Olin

Foundation Grant, University of Chicago, 2002.

“Productivity Heterogeneity and Market Segmentation.” Chicago Census Research Data Center, Project CH-00276, 2003-2005.

“Vertical Integration.” (with Ali Hortaçsu) Chicago Census Research Data Center, Project CH-00277, 2003-2005.

“Economics of Production.” Social Sciences Divisional Research Grant, University of Chicago. 2002-2003.

“Using Market Segmentation to Identify Plant-Specific Instruments.” Center for Economic Studies, U.S. Census Bureau, Project WO99-21, 1999-2001.

OTHER RESEARCH

Output Market Segmentation, Heterogeneity, and Productivity

Ph.D. Dissertation, University of Maryland, 2001. Profs. John Haltiwanger and John Shea, Co-Chairs

“Production Function Estimation with Plant-Level Data: Productivity Proxies or Instrumental Variables?” 2000.

“Healthcare Exceptionalism? Productivity and Allocation in the U.S. Healthcare Sector” NBER Working Paper 19200 (with Amitabh Chandra, Amy Finkelstein, and Adam Sacarny)

PROFESSIONAL SERVICE

National Academy of Sciences Panel on Reengineering the Census Bureau’s Annual Economic Surveys, 2015-2018.

National Science Foundation Site Visit Review Panel, 2015.

National Academy of Engineering Making Value for America Committee, 2013-2015

National Academy of Engineering Committee on Manufacturing, Design, and Innovation, 2012

Graduate Business Council Faculty-Student Committee, Booth School of Business, 2011-

Census Scientific Advisory Committee (AEA representative), 2009-2012

Chicago Census Research Data Center Advisory Board, 2002-Pres (Chair 2008-).

University Benefits Committee, Univ. of Chicago, 2005-08

Graduate Economics Computer Lab Faculty Advisor, Univ. of Chicago Dept of Econ., 2002-08

Social Sciences Divisional Research Grant Evaluation Committee, Univ. of Chicago, 2003-04.

Faculty Advisory Committee to Social Science Computing, Univ. of Chicago, 2004-08

Committee to Review the Economics Department Chair, Univ. of Maryland, 1999

Co-Chair, Economics Graduate Student Association, Univ. of Maryland, 1997-98

Chapter President, Omicron Delta Epsilon (Economics Honorary), 1995-96

President, Univ. of North Dakota Engineers’ Student Council, 1993-94

OTHER PROFESSIONAL EXPERIENCE

Research Assistant; Assistant to Prof. John Haltiwanger; University of Maryland, U.S. Census Bureau, and NBER, 1998-2000

Mechanical Engineer Co-op; Loral Defense Systems, Eagan, MN, and Unisys Corporation,

Roseville, MN, 1993-95

Assistant Football Coach, Red River High School; Grand Forks, ND, 1991-93

PROFESSIONAL AFFILIATIONS

Member, American Economic Association
Member, Econometric Society

SECURITY CLEARANCE

Special Sworn Status, U.S. Census Bureau

PUBLIC SERVICE

Elected Member of Local School Council, Keller Regional Gifted Center, Chicago Public Schools, 2012-Present; Council Chair, 2014-Present

HONORS AND AWARDS

Distinguished Visiting Scholar, Drexel University School of Economics, 2015
Young Alumni Achievement Award, University of North Dakota Alumni Association, 2013
Charles M. Harper Faculty Fellow, Booth School of Business 2012-13
Excellence in Refereeing Award, *American Economic Review*, 2011-17
Brookings Dissertation Fellowship, 2000-01
University of Maryland Graduate Fellowship, 1996-98
North Dakota Society of Professional Engineers Outstanding Student Award, 1993-96
Graduated Summa cum Laude, University of North Dakota
Alexis Diakoff Mechanical Engineering Scholarship, University of North Dakota
Bohlman Economics Scholarship, University of North Dakota
Presidential Honor Roll, University of North Dakota, 1991-96
Commencement Grand Marshal, University of North Dakota, 1993
One of 141 National Presidential Scholars named by the White House Commission on Presidential Scholars, and White House guest of President George H. W. Bush, 1991