

SCOTT A. IMBERMAN
Curriculum Vitae (October, 2024)

CURRENT INFORMATION

Department of Economics
Michigan State University
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EDUCATION

Ph.D. Economics, University of Maryland, 2007
M.A. Economics, University of Maryland, 2004
B.A. Economics, Columbia University, 2002

EMPLOYMENT

Professor, Michigan State University, Department of Economics and College of Education,
2018 – current.
Faculty Program Coordinator, Michigan State Interdisciplinary Training in Education and
Social Sciences (MITTENSS) Fellowship, 2020 – current
Director of Graduate Studies, Department of Economics, 2023 - current
Associate Professor, Michigan State University, Department of Economics and
College of Education, 2012 - 2018
Assistant Professor, University of Houston, Department of Economics, 2007 – 2012

PROFESSIONAL APPOINTMENTS

Research Fellow, Center for Economic Studies / Ifo Institute, 2019 - current
Research Associate, National Bureau of Economic Research (NBER), 2015 – current
Faculty Affiliate, Education Policy Innovation Collaborative, 2019 – current
Research Network Affiliate, Center for Economic Studies / Ifo Institute, 2011 – 2018
Faculty Research Fellow, National Bureau of Economic Research (NBER), 2011 – 2015

FIELDS OF INTEREST

Economics of Education, Child Development, Public Economics, Labor Economics

PUBLICATIONS

1. “The Returns to College Major Choice: Mean Effects, Career Trajectories, and Earnings Volatility” (with Rodney Andrews, Michael Lovenheim, and Kevin Stange). NBER WP No. 30331. *Review of Economics and Statistics*, forthcoming.

2. “Trends in Special Education Identification During the COVID-19 Pandemic: Evidence from Michigan” (with Marisa Fisher, Matthew Guzman, Bryant Hopkins, Katharine Strunk, and Adrea Truckenmiller) NBER WP No. 31261. *Educational Evaluation and Policy Analysis*, forthcoming.
3. “The Effect of Vaccine Mandates on Disease Spread and Economic Outcomes: Evidence from College COVID-19 Mandates” (with Riley Acton, Wenjia Cao, Emily Cook, and Michael Lovenheim) NBER WP No. 30303. *Journal of Human Resources*, forthcoming.
4. “Are Effective Teachers for Students with Disabilities Effective Teachers for All?” (with Ijun Lai, Jesse Wood, Neil Filosa, Nate Jones, and Katharine Strunk) NBER WP No. 30212. *Educational Evaluation and Policy Analysis*, forthcoming.
5. “Parental Skills, Assortative Mating, and Autism Spectrum Disorder in Children” (with N. Meltem Daysal, Todd Elder, Judith Hellerstein, and Chiara Orsini) *American Journal of Health Economics*, 10(3), 2024.
6. “Regulatory Arbitrage in Teacher Hiring and Retention: Evidence from Massachusetts Charter Schools” (with Jesse Bruhn and Marcus Winters). *Journal of Public Economics*, 215, 2022.
7. “To What Extent Does In-Person Schooling Contribute to the Spread of COVID-19?” (with Dan Goldhaber, Katharine Strunk, Bryant Hopkins, Nate Brown, Erica Harbatkin, and Tara Kilbride) *Journal of Policy Analysis and Management*, 41 (1), 2022.
8. “K-8 Student Achievement and Achievement Gaps on Michigan’s 2020-21 Benchmark and Summative Assessments” (with Tara Kilbride, Bryant Hopkins, and Katharine Strunk). Education Policy Innovation Collaborative Report, December 2021.
9. “The Global COVID-19 University Student Survey: First Wave Results” (with David Jaeger, et al). *Covid Economics* 79, May 2021.
10. “Ohio’s Lost Einsteins: The Inequitable Outcomes of Early High Achievers” Thomas B. Fordham Institute Report, 2021.
11. “Do health insurance mandates spillover to education? Evidence from Michigan’s autism insurance mandate” (with Riley Acton and Michael Lovenheim). *Journal of Health Economics*, 80, 2021.
12. “Teacher Quality Gaps by Disability and Socioeconomic Status: Evidence from Los Angeles” (with Ijun Lai, Jesse Wood, Nate Jones, and Katharine Strunk). *Educational Researcher*, 50 (2), 2021.
13. “Info.Econ: Increasing Diversity among Economics Majors” (with Andrea Chambers, Stacy

- Dickert-Conlin, Carey Elder, and Steven Haider) *AEA Papers and Proceedings* 110, 2021.
14. "School Segregation and Racial Gaps in Special Education Identification" (with Todd Elder, David Figlio, and Claudia Persico). *Journal of Labor Economics*, 39 (S1), 2021.
 15. "The Role of Neonatal Health in Special Education Identification" (with Todd Elder, David Figlio, and Claudia Persico) *American Journal of Health Economics*, 6(2), 2020.
 16. "Recruiting and Supporting Low Income, High Achievers at Flagship Universities" (with Rodney Andrews and Michael Lovenheim). *Economics of Education Review*, 74, 2020.
 17. "Achievement Effects of Individual Performance Incentives in a Teacher Merit Pay Tournament" (with Michael Lovenheim and Margaret Brehm). *Labour Economics*, 44, 2017.
 18. "Capitalization of Charter Schools into Residential Property Values" (with Margaret Brehm and Michael Naretta). *Education Finance and Policy*, 12(1), 2017.
 19. "Does the Market Value Value-Added? Evidence from Housing Prices After a Public Release of Teacher Value-Added" (with Michael Lovenheim). *Journal of Urban Economics*, 91. 2016.
 20. "Do Administrators Respond to Their Accountability Ratings? The Response of School Budgets to Accountability Grades" (with Steven Craig and Adam Perdue). *Economics of Education Review*, 49, 2015.
 21. "Incentive Strength and Teacher Productivity: Evidence from a Group-Based Teacher Incentive Pay System." (with Michael Lovenheim). *Review of Economics and Statistics*, 97(2), 2015.
 22. "The Effect of Providing Breakfast in Class on Student Performance." (with Adriana Kugler). *Journal of Policy Analysis and Management*, 33(3), 2014.
 23. "Is Gifted Education a Bright Idea? Assessing the Impacts of Gifted and Talented Programs." (with Sa Bui and Steven Craig). *American Economic Journal – Economic Policy*, 6(3), 2014.
 24. "Impact of Bilingual Education Programs on Limited English Proficient Students and Their Peers: Regression Discontinuity Evidence from Texas" (with Aimee Chin and N. Meltem Daysal). *Journal of Public Economics*, 107, 2013.
 25. "Does it Pay to Get an A? School Resource Allocations in Response to Accountability Rankings" (with Steven Craig and Adam Purdue). *Journal of Urban Economics*, 73(1), 2013.
 26. "Katrina's Children: Evidence on the Structure of Peer Effects from Hurricane Evacuees" (with Adriana Kugler and Bruce Sacerdote). *American Economic Review*, 102(5), 2012.

27. "Dressed for Success? The Effect of School Uniforms on Student Achievement and Behavior" (with Elisabetta Gentile). *Journal of Urban Economics*, 71(1), 2012.
28. "The Effect of Charter Schools on Achievement and Behavior of Public School Students" *Journal of Public Economics* 95(7-8), 2011.
29. "Achievement and Behavior in Charter Schools: Drawing a More Complete Picture." *The Review of Economics and Statistics*, 93(2), 2011.
30. "Why Are the DI Rolls Skyrocketing? The Contribution of Population Characteristics, Program Changes, and Economic Conditions" in *Health at Older Ages*, University of Chicago Press, 2008. (with Mark Duggan)

SOLICITED and PUBLIC WRITINGS

1. "COVID-19 hurt kids' math learning more than reading and writing – with the biggest setbacks in fall 2020" (with Katharine Strunk). *The Conversation*, 2023.
2. "College Majors Affect More Than Average Earnings" (with Rodney Andrews, Michael Lovenheim, and Kevin Stange). VoxEu.org, 2022.
3. "Does Reopening Schools Cause Covid-19 to Spread? It's Complicated." (with Dan Goldhaber and Katharine Strunk) *The Conversation*, 2021.
4. "In-person Schooling and Community Spread of COVID-19" (with (with Dan Goldhaber, Katharine Strunk, Bryant Hopkins, Nate Brown, Erica Harbatkin, and Tara Kilbride). VoxEu.org. 2021.
5. "Segregation and Racial Gaps in Special Education: New Evidence on the Debate Over Disproportionality" (with Todd Elder, David Figlio, and Claudia Persico) *Education Next*, 21 (2), 2021.
6. "Regulatory Arbitrage in Teacher Hiring and Retention: Evidence from Massachusetts Charter Schools" (with Jesse Bruhn and Marcus Winters). VoxEu.org. 2020.
7. "How Effective are Financial Incentives for Teachers?" *IZA World of Labor*, 2015.
8. "Student Incentives" in *Encyclopedia of Education Economics and Finance*, Dominic Brewer and Lawrence Picus, eds. Sage Publications, 2014.
9. "Econometric Methods for Research in Education" in *Encyclopedia of Education Economics and Finance*, Dominic Brewer and Lawrence Picus, eds. Sage Publications, 2014.
10. "Poor Results for High Achievers: Hard Evidence on the Impact of Gifted and Talented Programs" (with Sa Bui and Steven Craig). *Education Next*, 12(1), 2012.

WORKING PAPERS

“The Path of Student Learning Delay During the COVID-19 Pandemic: Evidence from Michigan” (with Bryant Hopkins, Tara Kilbride, Katharine Strunk, and Dongming Yu) NBER WP No. 31188. *Revisions requested.*

“Students with Disabilities in Charter Schools: Impacts on Educational Settings, Service Provision, and Achievement” (with Andrew Johnson) *Revisions requested.*

“The Call is Coming from Inside the School! To What Extent Can Cell Phone Data Be Used to Determine If Schools Are Open?” (with Nate Brown, Dan Goldhaber, Nick Huntington-Klein, and Katharine Strunk)

“The Effect of School Mask Mandates on Community COVID-19 Spread” (with Neil Filosa, Matthew Guzman, Tara Kilbride, and Nat Malkus).

“The Measurement and Distribution of Teacher Value-Added for Gifted and High Achieving Students: Evidence from Los Angeles” (with Seth Walker and Katharine Strunk)

“Unpacking Gender and Race Differences in the Welfare Consequences of College Major” (with Rodney Andrews, Michael Lovenheim, Patrick Massey, and Kevin Stange)

WORKS IN PROGRESS (all titles are tentative)

“The Long-Term Effects of Neighborhoods on Children: Evidence from Hurricane Katrina Evacuees” (with Gloria Aldana, Andrew Barr, and Bruce Sacerdote)

“Sibling Health Shocks and Occupational Choice” (with Todd Elder, N. Meltem Daysal, Todd Elder, and Catalina Morales)

INVITED AND CONFERENCE PRESENTATIONS

2024: Association for Education Finance and Policy Annual Meeting, CES-ifo Economics of Education Meeting, McGill University (scheduled), Simon Fraser University, NBER Economics of Education Spring Meeting, IRP Summer Research Workshop

2023: CES-ifo Economics of Education Meeting, Society of Labor Economists Annual Meeting, Syracuse University, IDB Workshop on Disability

2022: Association for Education Finance and Policy Annual Meeting, Association for Public Policy Analysis and Management, NBER Economics of Education Fall Meeting, San Diego State University

2021: Columbia University, PUC-Chile

2020: CES-ifo Economics of Education Meeting, Cornell University, Association for Education Finance and Policy Annual Meeting, US Military Academy.

2019: American Economic Association Annual Meeting, Association for Education Finance and Policy Annual Meeting, Boston University, H2D2 Research Day (U Michigan), Association for Public Policy and Management International Meeting, CES-ifo Economics of Education Meeting, Norwegian School of Economics, Purdue University.

2018: Aarhus University (scheduled), APPAM Fall Conference (scheduled), Association for Education Finance and Policy, CES-ifo Economics of Education Meeting, FRB Cleveland/UK Econ of Education Workshop, H2D2 Research Day (U Michigan), Korea University, NBER Economics of Education Spring Meeting, Society of Labor Economists Annual Meeting, University of Chicago

2017: Association for Education Finance and Policy, APPAM Fall Conference, Syracuse University, University of South Carolina, University of Tennessee, University of Southern Denmark, CES-ifo Economics of Education Meeting, Wilfred Laurier University

2016: APPAM Fall Conference, APPAM International Conference, Association for Education Finance and Policy, CES-ifo Economics of Education Meeting, Cornell University, University of Georgia

2015: Association for Education Finance and Policy, Middle Tennessee State University, University of Wisconsin – Institute for Research on Poverty, CES-IFO Economics of Education Meeting, University of Virginia, University of Michigan, Vanderbilt University.

2014: American Economic Association Annual Meeting, Association for Education Finance and Policy, Case Western Reserve University, Dalhousie University, George Washington University, Society of Labor Economists, UM-MSU-UWO Labor Day, University of Illinois-Chicago.

2013: Association for Education Finance and Policy Annual Meeting, CES-Ifo Economics of Education Meeting, Federal Reserve Bank of New York , NBER Economics of Education Meeting, Upjohn Institute, University of Arkansas, University of Michigan, University of Houston/Rice University, Texas A&M University.

2012: American Economic Association Annual Meeting , Association for Education Finance and Policy Annual Meeting, Association for Public Policy Analysis and Management Fall Meeting, CES-Ifo Economics of Education Meeting , Institute for Research on Poverty Summer Research Workshop, NBER Summer Institute.

2011: American Economic Association Annual Meeting , American Education Research Association (poster), Association for Education Finance and Policy Annual Meeting

(formerly AEFA), Association for Public Policy Analysis and Management Fall Meeting, CESifo Economics of Education Conference, Georgetown Public Policy Institute, National Academy of Education Annual Meeting, NBER – Economics of Education Meeting, Michigan State University, Society of Labor Economists Annual Meeting, Stata Texas Empirical Microeconomics Conference, Tilburg University.

2010: American Economic Association Annual Meeting, Carnegie Mellon University, Institute for Research on Poverty Summer Research Workshop, UC San Diego, University of Maryland, University of Texas – Dallas Texas Schools Project, Texas Camp Econometrics

2009: American Education Finance Association, Baylor University, Federal Reserve Bank of NY, NBER - Spring Economics of Education Meetings, Stanford University - School of Education , Texas A&M, UC Merced , University of Texas - Austin

2008: American Education Finance Association, Public Choice Society, NYU – Institute for Education and Social Policy, Society of Labor Economists (poster), Southern Economics Association, Texas Camp Econometrics.

2007: Georgia State University, Mathematica, RAND, Stanford University (SIEPR), University of Houston, UNC - Chapel Hill (Public Policy), Urban Institute, Virginia Tech, American Education Finance Association, Econometric Society Summer Meetings.

2006: American Education Finance Association, Association for Policy Analysis and Management, Southern Economics Association, University of Maryland.

2004: NBER Disability Group – Charleston, SC

TEACHING EXPERIENCE

Undergraduate: Public Economics, Intermediate Microeconomics, Economics of Education

PhD: Public Economics, Economics of Education, Quantitative Methods in Education Research I, Econometric Analysis for Education Policy, Regression Analysis for Education Policy

AWARDS AND HONORS

Top 200 RHSU Edu-Scholar, 2018, 2019, 2021-2024

Nominated for CESifo Young Affiliate Award – Economics of Education, 2011

American Education Finance Association Jean Flannigan Outstanding Dissertation Award, 2008

American Education Finance Association New Scholars Award, 2008

American Education Research Association - Finalist for Division L Dissertation Award, 2008

UCLA Center on Education Policy and Evaluation Pre-Dissertation Fellowship, 2004–2006

Graduate Assistantship, University of Maryland, 2002 – 2007

GRANTS

Institute for Education Sciences, \$10,000,000 (MSU portion \$749,860), 2024 – 2029. “National Center on K-12 Teacher Recruitment and Retention Policy,” (co-PI with Dan Goldhaber, Tara Kilbride, and others).

Institute for Education Sciences, \$4,023,893 (MSU portion \$4,023,893), 2020 – 2025. “Improving Education Systems through Interdisciplinary Training and Practice: Applying Social Science to Education Policy and Implementation Research,” (PI with Katharine Strunk, Joshua Cowen, and Sarah Reckhow).

Institute for Education Sciences, \$5,000,000 (MSU portion \$731,958), 2020 – 2025, “National Center for Research on Gifted Education” (co-PI with Del Siegel, Betsy McCoach, Katharine Strunk, and others)

Institute for Education Sciences, \$9,998,565 (MSU portion \$1,962,612), 2018 – 2023. “The School Choice Policy Research Center (SC-PRC): Improving Policy, Implementation, and Outcomes for Disadvantaged Students” (Researcher).

Smith Richardson Foundation, \$255,579, 2018 – 2022. “A Major Decision? The Consequences of College Major Choice.” (co-PI with Rodney Andrews, Michael Lovenheim, and Kevin Stange).

Smith Richardson Foundation, \$200,610, 2017 – 2019. “Teacher Quality and Charter School Outcomes.” (co-PI with Marcus Winters and Joshua Cowen).

William T. Grant Foundation, \$277,993, 2015 – 2017. “Does Attending a Flagship University Help Low-Income Students? Evidence from Texas.” (co-PI with Rodney Andrews and Michael Lovenheim).

Russell Sage Foundation, 2015 – 2017. \$98,146, “Does Attending a Flagship University Help Low Income Students? Evidence from the Texas Longhorn and Texas A&M Century Scholars Program.” (PI with Rodney Andrews and Michael Lovenheim)

Smith Richardson Foundation, 2013-2015, \$103,522, “Estimating the Return to Undergraduate Business Majors Using GPA Discontinuities” (co-PI with Rodney Andrews and Michael Lovenheim)

National Academy of Education / Spencer Foundation Postdoctoral Fellowship, 2010 – 2012, (\$55,000).

PROFESSIONAL AND UNIVERSITY SERVICE

Professional service:

Co-editor, *Journal of Human Resources*, 2020 – present
Guest-editor, *Economics of Education Review* Special Issue in Memory of Rodney Andrews, 2024
Co-organizer, E-con of Education Virtual Seminar Series, 2020
Co-editor, *Economics of Education Review*, 2017 - 2019
Associate Editor, *Journal of Human Resources*, 2017 - 2019
Member, Editorial Board, *Education Finance and Policy*, 2014 – 2019.
Member, Editorial Board, *Education Evaluation and Policy Analysis*, 2016 – 2018.
Member, Board of Directors, *Association for Education Finance and Policy*, 2014 – 2017.
IES Panel Reviewer, 2015.
External Reviewer (ad hoc) for Israeli Science Foundation, National Science Foundation, Smith Richardson Foundation, Institute for Education Sciences, WT Grant Foundation.

University Service

Michigan State University

Search committee (labor economics, 2024)
Search committee (EPIC Director, co-Chair), 2023
Director of Graduate Admissions, Department of Economics, 2022 - 2023
Strategic Partnership Grants Humanities, Social Science, and Education Review Committee, 2021 – 2022, (chair, 2022)
Tenure/Promotion Reading Committee, 2023 (chair), 2014
Provost's Committee on Financial and Gift Aid, 2020 - 2021
Search Committee (ed policy), 2020 - 2021
CSS Promotion, Retention, and Tenure Committee, 2019 – 2022 (co-chair, 2020 – 2022)
Program Coordinator, Economics of Education Doctoral Specialization, 2017 - current
Econometric Methods Qualifying Exam Committee, 2020
Search Committee (future of work), 2019 - 2020
Economics Extended Advisory Committee, 2017 - 2018
Economics Graduate Admissions Committee, 2017 - 2018
Economics Department Advisory Committee, 2014 - 2015
Research Committee, College of Social Sciences, 2014
Search Committee (public economics), 2014, 2013
Economics of Education Steering Committee, 2012 – 2016
Computer Committee, Department of Economics, 2012 – 2014, 2022

University of Houston

Hiring Committee - 2007
Co-Organizer for CPP Brown-Bag Seminars, 2008 - 2010

University of Maryland

Graduate Studies Committee, Student Representative, 2005–2007
Co-Chair of Economics Graduate Students Association, 2003–2004

Public Service

Biden-Harris Policy Committee, 2020

PROFESSIONAL MEMBERSHIP

American Economic Association, Association for Education Finance and Policy, Association for Public Policy Analysis and Management, Society of Labor Economists

REFEREE

American Economic Journal – Applied Economics, American Economic Journal – Economic Policy, American Economic Review, American Education Research Journal, American Journal of Education, Berkeley Electronic Journal of Economic Analysis and Policy, Criminology, Economics of Education Review, Economic Inquiry, Economic Journal, Economic Policy Review, Education Administration Quarterly, Education Economics Journal, Education Finance and Policy, Education Next, Educational Evaluation and Policy Analysis, Educational Researcher, Industrial and Labor Relations Review, IZA Journal of Labor Economics, Journal of Applied Econometrics, Journal of Economic Behavior and Organization, Journal of Economics and Management Strategy, Journal of the European Economics Association, Journal of Human Capital, Journal of Human Resources, Journal of Labor Economics, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Population Economics, Journal of Public Economics, Journal of Research on Educational Effectiveness, Journal of Urban Economics, Labour Economics, National Tax Journal, Public Choice, Review of Economics and Statistics, Review of Economic Studies, Quarterly Journal of Economics.

GRADUATE ADVISING (with first job) * denotes chair or co-chair.

Michigan State University

Past Advising (with first job):

Riley Acton*, *Miami University (assistant professor)*

Michael Bates, *University of California at Riverside (assistant professor)*.

Andrew Bibler, *University of Alaska – Anchorage (assistant professor)*

Joshua Brownstein*, *Government Accountability Office (senior economist)*

Andrea Chambers* (ed pol), *Eastern Washington University (associate director, student affairs)*

Amy Cummings (ed pol), *Abt Associates*

Andy Chou, *Wuhan University (assistant professor)*

Priyankar Datta*, *Walmart (economist)*

Tanner Delphier (ed pol), *Michigan Education Association (labor economist)*

Steven Drake (ed pol)

Hassan Enayati, *Cornell University (research associate)*.

Adrian Garlati, *Pontifical Xavierian University, Colombia (lecturer)*

Shota Hatekayama (ed pol), *Cabinet Office of Japan (program advisor)*

Dongsook Han (ed pol), *Korea Research Institute for Public Finance*

Alex Johann*, *Lewin Group (economist)*

Kevin Kho*, *Food and Drug Administration (economist)*
Soobin Kim*, *Education Analytics (researcher)*
Youngran Kim (ed pol), *Northern Illinois University (postdoc)*
Hwanoong Lee, *Korea Research Institute for Public Finance (economist)*
Tenglong Li, (MQM), *Boston University (postdoc)*
Jesse Nagel (ed pol), *Basis Policy Research (associate researcher)*
Michael Naretta*, *Government Accountability Office (senior economist)*
Cody Orr, *US Census Bureau (economist)*
Gabrielle Pepin, *Upjohn Institute (postdoc)*
Salem Rogers*, *Education Innovation Policy Collaborative at Michigan State (postdoc)*
Danielle Sanderson (ed pol), *Brown University (postdoc)*
Brian Stacy, *USDA (economist)*
W. Jesse Wood*, *Abt Associates (economist)*
Yu-Siang Wu, *Citi (economist)*
Dongming Yu*, *T-mobile (business analyst)*
Yuqing Zhou*, *Chinese University of Hong Kong (assistant prof, accounting)*

Current Advising:

Caroline Bartlett, (ed pol)
Wenjia Cao (econ)
Xu Dong* (econ)
Matthew Guzman* (ed pol)
Andrew Johnson* (ed pol)
Jennifer Moriarty* (ed policy)
Tyler Powell* (econ)
Seth Walker* (econ)

University of Houston

Sa Bui*, *Cornell University (postdoc)*
Sule Celik, *San Francisco State University (lecturer)*
Shreyasee Das, *University of Wisconsin – Whitewater (assistant professor)*
Elisabetta Gentile, *National University of Singapore (fellowship)*
Adam Perdue, *University of Houston (clinical)*