

Jonathan James

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Education

PhD in Economics, Duke University, Durham, NC, 2011

MA in Economics, Duke University, Durham, NC, 2007

BA in Economics and Political Science, University California Los Angeles, Los Angeles, CA, 2003

Employment

Associate Professor, Department of Economics, Cal Poly, 2019-present

Assistant Professor, Department of Economics, Cal Poly, 2013-2019

Research Economist, Federal Reserve Bank of Cleveland, 2011-2013

Visiting Scholar, Federal Reserve Bank of St. Louis, August 2015

Visiting Scholar, McGill University, March 2014

Research Interests

Labor Economics, Applied Microeconomics, Dynamic Discrete Choice

Research

Published

1. Esteban Aucejo and Jonathan James. The path to college education: The role of math and verbal skills. *Journal of Political Economy*, 129(10):2905–2946, 2021
2. James Jonathan. An empirical undergraduate introduction to estimating consumer preferences using ride choices at disneyland. *Journal of Econometric Methods*, 9(1), 2020
3. Esteban M Aucejo and Jonathan James. Catching up to girls: Understanding the gender imbalance in educational attainment within race. *Journal of Applied Econometrics*, 34(4):502–525, 2019
4. Jonathan James. Estimation of factor structured covariance mixed logit models. *Journal of Choice Modelling*, 28:41–55, 2018

5. Jonathan James. MM algorithm for general mixed multinomial logit models. *Journal of Applied Econometrics*, 32(4):841–857, 2017
6. Peter Arcidiacono, Patrick Bayer, Federico A Bugni, and Jonathan James. Approximating high dimensional dynamic models: Sieve value function iteration. *Advances in Econometrics*, 31:45–96, 2013

Under Review

1. Tom Ahn, Esteban M. Aucejo, and Jonathan James. The importance of matching effects for labor productivity: Evidence from teacher-student interactions

Working Papers

1. Limor Golan, Jonathan James, and Carl Sander. What explains the racial gaps in complex tasks assignment and pay over the life cycle?
2. Jonathan James. Learning and occupational sorting. Federal Reserve Bank of Cleveland
3. Jonathan James. Ability matching and occupational choice. Federal Reserve Bank of Cleveland

Federal Reserve Publications

1. The Surprising Impact of High School Math on Job Market Outcomes, *Economic Commentary*, Federal Reserve Bank of Cleveland, 2013
2. The College Wage Premium, *Economic Commentary*, Federal Reserve Bank of Cleveland, 2012

Invited Seminars and Conferences

(2018) Econometric Society: 2018 North American Summer Meeting

(2016) All California Labor Economics Conference

(2015) Federal Reserve Bank of St. Louis, NBER Education Program Meeting

(2014) Washington University in St. Louis

(2013) California Polytechnic State University, Advances in Econometrics Conference (Louisiana State University), Arizona State University, Cowles Summer Conferences (Yale University)

(2012) University of Michigan

(2011) University of Pittsburgh, Federal Reserve Bank of Cleveland

Teaching

Principles of Microeconomics, Cal Poly [ECON 221]

Econometrics, Cal Poly [ECON 339]

Labor Economics, Cal Poly [ECON 413]

Advanced Econometrics I (masters), Cal Poly [ECON 520]

Advanced Econometrics II (masters), Cal Poly [ECON 522]

Referee Activities

Econometrica, Journal of Labor Economics, Quantitative Economics, Review of Economics and Statistics, Journal of Human Resources, Journal of Applied Econometrics, Economic Journal, Economics of Education Review, Labour Economics, Labour, Economics Bulletin, Statistica Sinica

Grants

Orfalea College of Business Summer Support Award, 2019

Orfalea College of Business Summer Support Award, 2014 - 2017

University, College and Department Service

(2018 - present) Curriculum and Assessment Committee, chair

(2015 - present) Curriculum and Assessment Committee, member

(2017 - present) Data Champions Student Success Subcommittee, OCOB representative

(2018 - present) Data Power Users, OCOB representative

(2014 - 2018) Cal Poly Economics Society, Faculty Advisor

(2015 - 2017) Orfalea College of Business Seminar Series, chair

(2017 - present) BSBA Assessment Subcommittee, member

2019 Information Literacy Assessment (WASC/WSCUC accreditation), scorer

Executive Building Committee, member

References

- [1] Tom Ahn, Esteban M. Aucejo, and Jonathan James. The importance of matching effects for labor productivity: Evidence from teacher-student interactions.
- [2] Peter Arcidiacono, Patrick Bayer, Federico A Bugni, and Jonathan James. Approximating high dimensional dynamic models: Sieve value function iteration. *Advances in Econometrics*, 31:45–96, 2013.
- [3] Esteban Aucejo and Jonathan James. The path to college education: The role of math and verbal skills. *Journal of Political Economy*, 129(10):2905–2946, 2021.
- [4] Esteban M Aucejo and Jonathan James. Catching up to girls: Understanding the gender imbalance in educational attainment within race. *Journal of Applied Econometrics*, 34(4):502–525, 2019.
- [5] Limor Golan, Jonathan James, and Carl Sander. What explains the racial gaps in complex tasks assignment and pay over the life cycle?
- [6] Jonathan James. Ability matching and occupational choice. Federal Reserve Bank of Cleveland.
- [7] Jonathan James. Learning and occupational sorting. Federal Reserve Bank of Cleveland.
- [8] Jonathan James. MM algorithm for general mixed multinomial logit models. *Journal of Applied Econometrics*, 32(4):841–857, 2017.
- [9] Jonathan James. Estimation of factor structured covariance mixed logit models. *Journal of Choice Modelling*, 28:41–55, 2018.
- [10] James Jonathan. An empirical undergraduate introduction to estimating consumer preferences using ride choices at disneyland. *Journal of Econometric Methods*, 9(1), 2020.