

Li Tan

<https://tan-l.github.io/>

CONTACT INFORMATION

Work Address: Peralta Hall 330U, 7171 E Sonoran Arroyo Mall, Mesa, AZ 85212

Tel: 480-884-2426

Email: L.Tan@asu.edu

EDUCATION

2018 Ph.D. in Economics, University of Missouri-Columbia
2012 M.S. in Financial Management, Australian National University
2009 B.E. in Industrial Engineering, Tsinghua University

WORK EXPERIENCE

2022-Present Assistant Professor of Engineering Education Systems & Design in the Polytechnic School at Arizona State University
2021-2022 Visiting Assistant Professor in School of Engineering Education, Purdue University
2018-2021 Postdoctoral Researcher at the Social Policy and Higher Education Research in Engineering (SPHERE), Purdue University
2015-2018 Research Assistant at the Economic & Policy Analysis Research Center (EPARC), University of Missouri-Columbia

JOURNAL PUBLICATIONS

1. Main, J. B., Cox, M. F., McGee, E. O., Tan, L., & Berdanier, C. (forthcoming). Trends in the Underrepresentation of Women Faculty of Color in Engineering. *R&R at Journal of Diversity in Higher Education*.
2. Main, J. B., Wang, Y., & Tan, L. (2022). Preparing Industry Leaders: The Role of Doctoral Education and Early Career Management Training in the Leadership Trajectories of Female STEM PhDs. *Research in Higher Education*, 63(3), 400-424. ([link](#))
3. Main, J. B., Wang, Y., & Tan, L. (2021). The Career Outlook of Engineering PhDs: Influence of Postdoctoral Research Positions on Early Career Salaries and the Attainment of Tenure Track Faculty Positions. *Journal of Engineering Education*, 110(4), 977-1002. ([link](#))
4. Tan, L. (2021). Imputing Top-Coded Income Data in Longitudinal Surveys. *Oxford Bulletin of Economics and Statistics*, 83(1), 66-87. ([link](#))
5. Tan, L., Main, J. B., & Darolia, R. (2021). Using Random Forest Analysis to Identify Student Demographic and High School-Level Factors that Predict College Engineering Major Choice. *Journal of Engineering Education*, 110(3), 572-593. ([link](#))
6. Main, J. B., Tan, L., Cox, M. F., McGee, E. O., & Katz, A. (2020). The Correlation Between Undergraduate Student Diversity and the Representation of Women of Color Faculty in Engineering. *Journal of Engineering Education*, 109(4), 843-864. ([link](#), [DATABYTES](#))
7. Tan, L. & Koedel, C. (2019). The Effects of Differential Income Replacement and Mortality on U.S. Social Security Redistribution. *Southern Economic Journal*, 86(2), 613-637. ([link](#))
8. Koedel, C., Li, J., Springer, M. G., & Tan, L. (2019). Teacher Performance Ratings and Professional Improvement. *Journal of Research on Educational Effectiveness*, 12(1), 90-115. ([link](#), authorship alphabetical)
9. Parsons, E., Koedel, C., & Tan, L. (2019). Accounting for Student Disadvantage in Value-Added Models. *Journal of Educational and Behavioral Statistics*, 44(2), 144-179. ([link](#))
10. Koedel, C., Li, J., Springer, M. G., & Tan, L. (2017). The Impact of Performance Ratings on Job Satisfaction for Public School Teachers. *American Educational Research Journal*, 54(2), 241-278. ([link](#), authorship alphabetical)

TEACHING

Arizona State University EGR 280: Engineering Statistics (2022 Fall)

Purdue University ENGR 131: Transforming Ideas to Innovation I (2022 Summer)
ENGR 132: Transforming Ideas to Innovation II (2022 Spring)
ENGR 131: Transforming Ideas to Innovation I (2021 Fall)
IDE 360: Multidisciplinary Engineering Statistics (2019 Spring)

PROFESSIONAL SERVICE

Reviews NSF Reviewer, 2022
Economics of Education Review
Education Finance and Policy
Journal of Engineering Education
Journal of Labor Research
Journal of Research on Educational Effectiveness
Scottish Journal of Political Economy
Statistics and Public Policy
Studies in Educational Evaluation
ASEE Annual Conference & Exposition (Conference)

SELECTED CONFERENCE PRESENTATIONS

American Society for Engineering Education (ASEE) Annual Conference (2022)
Association for Education Finance and Policy (AEFP) Annual Conference (2014; 2019)
Society of Labor Economics (SOLE) Annual Meeting (2018)
Association for Public Policy Analysis and Management (APPAM) Annual Fall Research Conference (2017)
Midwest Econometrics Group (MEG) 27th Annual Meetings (2017)

HONOR & AWARDS

University of Missouri Research Data Center Interdisciplinary Doctoral Fellowship (2018)
Norman Bowers Scholarship (2016)
Harry Gunnison Brown Research Fellowship (2015)
Harry Gunnison Brown Graduate Student Fellowship (2014)