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## EDUCATION

- 2015      Ph.D. in Economics, Duke University  
Dissertation: *Dynamic Models of Human Capital Accumulation*.  
Committee: Peter Arcidiacono (chair), Patrick Bayer, V. Joseph Hotz, Arnaud Maurel
- 2010      M.A. in Economics, Duke University
- 2009      B.A. in Economics (Magna Cum Laude), Brigham Young University

## EMPLOYMENT & AFFILIATIONS

- 2017-      Assistant Professor of Economics, University of Oklahoma
- 2017-      Research Affiliate, *Institute for the Study of Labor (IZA)*
- 2015-2017      Postdoctoral Associate, *Social Science Research Institute*, Duke University

## RESEARCH FIELDS

- Primary:      Labor Economics, Economics of Education
- Secondary:      Urban Economics, Machine Learning applications

## PUBLISHED & FORTHCOMING PAPERS

- 2021      “Selective Migration, Occupational Choice, and the Wage Returns to College Majors,” *Annals of Economics & Statistics*, Accepted
- “Learning during the COVID-19 pandemic: It is not who you teach, but how you teach” (with George Orlov, Douglas McKee, James Berry, Austin Boyle, Thomas J. DiCiccio, Alex Rees-Jones, and Joerg Stoye), *Economics Letters*, Forthcoming
- “Labor Market Frictions and Moving Costs of the Employed and Unemployed,” *Journal of Human Resources*, Forthcoming.
- “Do Foreigners Crowd Natives out of STEM Degrees and Occupations? Evidence from the U.S. Immigration Act of 1990” (with John V. Winters), *ILR Review*, 74 (2): 321–351.
- 2020      “Legacy and Athlete Preferences at Harvard” (with Peter Arcidiacono and Josh Kinsler), *Journal of Labor Economics*, Forthcoming.
- “Affirmative Action, Transparency, and the *SFFA v. Harvard Case*” (with Peter Arcidiacono and Josh Kinsler), *The University of Chicago Law Review Online*, October 2020. (Not peer-reviewed)

- “Changes across Cohorts in Wage Returns to Schooling and Early Work Experiences” (with Jared Ashworth, V. Joseph Hotz and Arnaud Maurel), *Journal of Labor Economics*, Forthcoming.
- “Understanding Migration Aversion Using Elicited Expectations and Counterfactuals” (with Gizem Kosar and Wilbert van der Klaauw), *Journal of Econometrics*, Forthcoming.
- 2019 “Has the College Wage Premium Continued to Rise? Evidence from Multiple U.S. Surveys” (with Jared Ashworth), *Economics of Education Review*, 69 (1): 149–154.
- 2018 “Do High School Sports Build or Reveal Character? Bounding Causal Estimates of Sports Participation” (with Michael R Ransom), *Economics of Education Review*, 64 (1): 75–89.

#### **PAPERS UNDER REVISION TO RESUBMIT**

- “College Attrition and the Dynamics of Information Revelation” (with Peter Arcidiacono, Esteban Aucejo, and Arnaud Maurel), *R & R Journal of Political Economy*

#### **WORKING PAPERS**

- “Asian American Discrimination in Harvard Admissions” (with Peter Arcidiacono and Josh Kinsler), *Under Review*
- “Recruit to Reject? Harvard and African American Applicants” (with Peter Arcidiacono and Josh Kinsler), *Under Review*
- “Divergent: The Time Path of Legacy and Athlete Admissions at Harvard” (with Peter Arcidiacono and Josh Kinsler), *Under Review*

#### **WORKS IN PROGRESS**

- “The Role of Supply and Demand Factors in Explaining the Migration of College Majors” (with Joel McGuire)
- “Beating the Heat: Temperature and Spatial Reallocation over the Long Run” (with Christos Makridis)
- “Minorities in STEM: The Role of Ability Revelation” (with Nick Huntington-Klein)
- “Language Environment at Home and Academic Achievement During Early Childhood” (with Jia Gao and Le Wang)
- “Machine Learning for Sample Selection Models: A First Report” (with Owen McDevitt and Le Wang)

## POLICY WRITINGS

- 2020      “Assessing the Effect of Online Instruction on University Students’ Learning”  
(with George Orlov and Douglas McKee), *IZA World of Labor*, 21 Dec 2020  
“Want to Make Your College Degree Count? Here’s Where to Live”,  
RealClearEducation, 1 June 2020  
“Assessing the Recruiting Practices of Elite Universities: The Case of Harvard  
and African Americans” (with Peter Arcidiacono and Josh Kinsler), VoxEU, 22  
January 2020
- 2018      “Changes across Cohorts in Wage Returns to Schooling and Early Work  
Experiences” (with Jared Ashworth, V. Joseph Hotz, and Arnaud Maurel),  
VoxEU, 14 April 2018

## CONFERENCE & SEMINAR PRESENTATIONS

\* indicates virtual presentation

- 2020–2021    Ohio State\*, Rochester\*, Memphis\*, SOLE\* (scheduled)
- 2019–2020    Bank of Italy Migration Workshop (Rome), APPAM (Denver)
- 2018–2019    Monopsony in Labor Markets conference (Sundance, Utah), AEA (Atlanta,  
discussant), University of Oregon
- 2017–2018    OU Arts & Sciences Research Discussion Series, Arizona State University,  
WEAI (Vancouver, BC)
- 2016–2017    IZA Workshop on the Economics of Education: Higher Education (Bonn,  
Germany), SEA (Washington, DC), US Naval Academy, AEA (Chicago),  
Brigham Young University, Charles River Associates, University of Oklahoma,  
T-Mobile (Bellevue, WA), Carolina Population Center (Chapel Hill), 2nd IZA  
Junior/Senior Labor Symposium (Austin), SOLE (Raleigh)
- 2015–2016    NARSC (Portland, OR), SEA (New Orleans), Cal State Fullerton, Oklahoma  
State University, Barcelona GSE Summer Forum on Migration
- 2014–2015    Wake Forest University, SMU Cox School of Business, Econometric Society  
World Congress (Montréal)
- 2013–2014    Brigham Young University, WEAI (Denver)
- 2012–2013    Georgia State, NSF Census Research Network Meeting (RTP, NC; poster  
session)

## TEACHING EXPERIENCE

Oklahoma	<b>Econometrics III</b> (PhD) <b>Econometric Analysis</b> (undergraduate) <b>Data Science for Economists</b> (Master's) Economics of Education (undergraduate)
Duke	<b>Foundations of Matlab</b> (PhD, field course) <b>Causal Inference for Data Scientists</b> (co-developer, with eBay DataLabs) <b>Introduction to Julia</b> (workshop) SSRI Education & Human Development seminar (co-instructor) Conducting Research Using the SIPP (TA, workshop)
BYU	Principles of Economics (TA, undergraduate honors)

## FELLOWSHIPS & AWARDS

2018	OU College of Arts & Sciences Junior Faculty Summer Fellowship
2012–2015	Triangle Census Research Fellowship
2014	Conference Travel Fellowship
2012,2014	Graduate School Summer Research Fellowship

## STUDENT ADVISING

(Initial placement in parentheses)

PhD Thesis	Cheng Ma (expected 2021)
Committee	Brent Norwood (2020; Oklahoma State University) Chen Xu (2020; St. Edward's University)
MA Thesis	Hunter McCans (expected 2021) Natalie Cook (expected 2021) Orin Imtiaz (expected 2021) Grant Naberhaus (expected 2021) Katy Yut (expected 2021) Emma Reinsch (expected 2021) Joe Ezzell (2020) Sam Quick (2020) Conrad Polkosnik (2020) Binyue Ling (2020) Jiongliang Tao (2019) Alex Hinshaw (2019; SMU Law) Alexandra Penner (2018) Joel McGuire (2018; Colorado St. Econ PhD) Alex Nongard (2018; City of Tulsa) Jordan Hoehne (2018; Oseberg) Donald Li (2018)
BA Honors	Ethan Maddy (expected 2022) Logesh Balaguru (expected 2021) Liam Ferrer (expected 2021) Ryan Mcalister (expected 2021) Logan Schoonover (2020; Goldman Sachs) Katie King (2020) Stephanie Jansson (2020; Biostatistics PhD) Joey Herrera (2020; Texas Econ MA) Alex Hinshaw (2019; SMU Law) Alexander Stubblefield (2019; Michigan St. Econ PhD) Parker Strubhar (2019) Will Milam (2018; SMU Law)
McNair Scholarship	Joey Herrera (2020; Texas Econ MA)

## SKILLS

Coding Expertise: Matlab, Stata, R, Julia,  $\LaTeX$ , Shell/Bash, SLURM, Git  
Coding Experience: SAS, Qualtrics, HTML, SQL, Python, Hadoop, Spark  
Security Clearance: Special Sworn Status (US Census Bureau)  
Certification: Certificate in College Teaching (Duke University, 2015)  
Languages: English (native), Japanese (fluent)

## MEDIA APPEARANCES

2020 “OU community talks student loan debt, presidential candidates’ plans to help”  
by Beth Wallis, *OU Daily*, 6 April 2020  
2019 Numerous appearances in major media outlets (e.g. *The Economist*, *The New York Times*, *Slate*, *The Atlantic*)  
2018 “Students who hold jobs during college earn more money after they graduate,” by  
Jillian Berman, *MarketWatch*, 3 January 2018  
“Does Participation in High School Sports Predict Long Term Outcomes?” by  
*LRN Media*, 10 January 2018  
“OU economics professor suggests stock market drop not a concern yet,” by  
Sierra Rains, *OU Daily*, 6 February 2018  
“Unemployment rate declining in Oklahoma,” interview with *KGOU Radio*, 27  
February 2018  
“State Question 801 gives Oklahomans chance to vote on property taxes used for  
school funding,” by Sierra Rains-Moad, *OU Daily*, 2 November 2018

## PROFESSIONAL SERVICE

Referee: *AEJ: Applied Economics*; *AEJ: Economic Policy* (2);  
*American Economic Review* (2); *Annals of Economics and Statistics*;  
*Applied Economics Teaching Resources*; *B.E. Journal of Economic Analysis & Policy*;  
*Bulletin of Economic Research* (2); *China Economic Review* (2);  
*Contemporary Economic Policy*; *Economic Development Quarterly* (4);  
*Economics of Education Review* (6); *Economic Inquiry* (4);  
*Educational Researcher*; *ILR Review*;  
*Journal of Applied Econometrics* (2); *Journal of Economic Psychology*;  
*Journal of Family and Economic Issues* (2); *Journal of Housing Economics* (2);  
*Journal of Human Capital* (3); *Journal of Human Resources* (2);  
*Journal of Economics, Race, and Policy* (2); *Journal of Labor Economics*;  
*Journal of Policy Analysis and Management*; *Journal of Public Economics*;  
*Labour Economics* (3); *Labour: Review of Labour and Ind. & Relations* (2);  
*Oxford Economic Papers*; *Papers in Regional Science* (2);  
*Quantitative Economics* (4); *Regional Science and Urban Economics* (2);  
*Research in Higher Education* (2); *Review of Economics and Statistics*;  
*Southern Economic Journal* (4); *Scottish Journal of Political Economy*;  
Fordham Institute

## DEPARTMENTAL & UNIVERSITY SERVICE

2021	Member, OU Provost's Dissertation Prize Committee
2019–	Panelist, OU English Communication Capacity (ECC) test
2017–	Member, OU College of Arts & Sciences Big Data and Stats Working Group
2016	Member, Duke SSRI Education & Human Development Scholars Recruiting Committee