

## MELINDA PETRE

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Dartmouth College  
Department of Economics

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### EXPERIENCE

Lecturer of Economics Dartmouth College, Hanover, NH	July 2019-present
Visiting Assistant Professor of Economics Williams College, Williamstown, MA	July 2018-June 2019
IES Postdoctoral Research Fellow University of California, Irvine, School of Education	July 2015-June 2018
Instructor University of California, Los Angeles, Department of Economics	July 2017-June 2018
National Poverty Fellow University of Wisconsin Institute for Research on Poverty, Office of Planning, Research and Evaluation, Administration for Children and Families, Department of Health and Human Services	June 2014-July 2015

### EDUCATION

Ph.D. Economics, University of Texas at Austin	May 2014
<b>Dissertation:</b> Essays on the Impact of Cognitive and Non-Cognitive Skills on Labor Market Outcomes	
<b>Committee Chair:</b> Professor Sandra E. Black	
M.S. Economics, University of Texas at Austin	May 2011
B.A. Mathematics & Statistics and Economics, Swarthmore College, Swarthmore, PA	May 2009

### FIELDS OF SPECIALIZATION

Labor Economics, Economics of Education

### PUBLISHED PAPERS

Petre, M. (2018). "Are Employers Omniscient? Employer Learning About Cognitive and Non-Cognitive Skills." *Industrial Relations*. 57(3): 323-360.  
"Contributions of to the Racial Wage Gap," forthcoming, *Journal of Human Capital*.

### WORKING PAPERS

"Funding, Investment and Wealth Equalization Across Texas Public School Districts," with Parth Venkat, under review.  
"Community College Student Decision Making in the Wake of the Great Recession."

“Understanding College Student Responses to Economic Shocks: Evidence from Texas.”

## **WORK IN PROGRESS**

“Can Smaller Classes Reduce Racial Achievement Gaps? Lessons from the LAUSD Desegregation Plan,” with Ashley Harlow and Emily Penner.

“Power in Numbers? A Dynamic Model of Wages and Gender Sorting,” with Timothy N. Bond.

“The Dynamic Process of Changing College Major Choices: The Role of Previous Academic Performance?” with Di Xu, Rachel Baker and Brent Evans.

## **GRANTS**

#201800053, Spencer Foundation Small Research Grant, “Understanding College Student Responses to Economic Shocks.” CO-PI (Greg Duncan, PI) 09/2017-09/2019

## **FELLOWSHIPS, HONORS, AND AWARDS**

Richard Worley Endowed Fellowship in Economics

Fall 2009-Spring 2011

## **PRESENTATIONS**

2019: UC Irvine Economics

2018: Williams College

2017: SUNY Cortland, Marzano Research

2016: UC Davis, Upjohn Institute for Employment Research, University of Texas at Austin Labor Lunch

2015: University of Wisconsin Institute for Research on Poverty, UC Irvine School of Education, University of Oklahoma Department of Economics

## **CONFERENCES**

2016: Association for Education Finance and Policy (AEFP), Association for Public Policy Analysis and Management (APPAM) International, European Society of Population Economics (ESPE), Western Economics Association (WEAI) Committee for the Status of Women in the Economics Profession (CSWEP) Session, European Association of Labor Economists (EALE), APPAM, Institute of Education Sciences (IES) PI Meeting

2015: Eastern Economics Association (EEA), Society of Labor Economists/European Association of Labor Economists (SOLE/EALE) (Poster), ESPE, APPAM, Southern Economics Association (SEA)

2013: STATA Texas Empirical Micro (Poster)

## **TEACHING EXPERIENCE**

Instructor, Dartmouth College

The Price System: Analysis, Problems and Policies

Microeconomics

Topics in Public Economics

Fall 2019, Spring 2020

Winter 2020

Winter 2020

Updated: July 1, 2019

Instructor, Williams College	
Principles of Microeconomics	Fall 2018, Spring 2019
Economics of Education	Fall 2018
Econometrics	Spring 2019
Instructor, University of California, Los Angeles, Department of Economics	
Intermediate Microeconomics	Fall 2017
Labor Economics	Fall 2017, Winter 2018
Topics in Labor Economics	Winter 2018
Economics of Health and Healthcare	Spring 2018
Topics in Taxation and Social Insurance	Spring 2018
Instructor, University of Texas at Austin, Department of Economics	
Introduction to Macroeconomics	Summer 2012
Introduction to Microeconomics	Fall 2012, Summer 2013
Instructor, University of Texas at Austin, University Extension	
Introduction to Economics	Spring 2013, Summer 2013
Teaching Assistant, University of Texas at Austin, Department of Economics	
Introduction to Microeconomics	Fall 2009
Introduction to Macroeconomics, Head TA	Spring 2010
Economic Statistics, Head TA	Summer 2010-Fall 2011
Econometrics	Spring 2012, 2013, Fall 2013
Graduate Labor II	Spring 2014

## PROFESSIONAL SERVICE AND ACTIVITIES

Referee for: <i>The Journal of Human Resources</i> , <i>Labour Economics</i> , <i>AERA Open</i>	
Swarthmore College Honors Examiner,	Econometrics 2015
	Public Finance 2019

## NON-ECONOMICS PUBLICATIONS

Petre, M. (2008) "Comparison of Outputs for Variable Combinations Used in Cluster Analysis on Polarimetric Imagery," Army Research Laboratory Technical Report, No. 4364.

Videen, G., A. Wetmore, Y. Shkuratov, and M. Petre (2005). "Analytic description of enhanced backscattering and negative polarization from a cloud of dipoles." *Journal of Quantitative Spectroscopy & Radiative Transfer*, 100: 406-414.

## PREVIOUS EMPLOYMENT

Student Intern, US Army Research Lab, Computer Information Science Directorate (CISD), Battlefield Environment Division	June 2004-May 2009
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## PERSONAL INFORMATION

U.S. Citizen