


Michael Black

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Education

Ph.D., Agricultural Economics
Texas A&M University, College Station, TX, expected May 2021

B.S., Natural Resources
Cornell University, Ithaca, NY, 2013

Skills

General Skills:	Quantitative research, data analysis, data visualization
Programming Languages:	R, Stata, Python, SAS, GAMS, Matlab, L ^A T _E X
Statistical Modeling:	Choice modeling, experimental design, logistic regression, machine learning, causal models

Experience

Graduate research assistant, 2016 - Current, *Texas A&M University*

- Designed large scale choice-experiment for Texas farmers
- Identified value of soil quality using choice modeling
- Identified the value of water quality improvements using choice modeling

Research intern, Summer 2020, *USDA Economic Research Service, Market and Trade Economics Division*

- Performed a latent class analysis on post-harvest produce firms to better understand patterns of food safety practice adoption

Graduate Instructor, 2019 - 2020, *Texas A&M University*

- Sole instructor for AGE 317: Economic Analysis for Agribusiness Management
- Topics covered: mathematical optimization, statistical testing, linear regression, bias and endogeneity, non-linear regression, application of regression analysis to decision making

Research intern, Summer 2019, *Resources for the Future*

- Developed a dynamic optimal control model of cooperative management

Research assistant, 2014 - 2015, *University of Arkansas*
Strategy consultant, 2013 - 2014, *Mahindra Group*, Mumbai, India

Consulting

Economist, 2019 - present, Natural resource damage assessment, State of Texas
Economist, 2019 - 2020, Natural resource damage assessment, State of Washington

Publications

- “Farmers’ insights on soil health indicators and adoption” *Agrosystems, Geosciences & Environment*, 3(1), p.e20066, 2020.

- “Insights from asynchronous lecture viewing behavior” *Applied Economics Teaching Resources*, Forthcoming.
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Working Papers

- (2020) “The value of long and short term changes in water quality”
 - (2020) “An empirical estimate of the value of manageable soil quality”
 - (2020) “Does Self-Monitoring Lead to Better Resource Management? Evidence from Participatory Groundwater Management Program in India”
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Service

2020	<i>Session Moderator</i> , 2020 Agricultural & Applied Economics Association Annual Meeting
2019 - 2020	<i>Member</i> , Department Head Search Committee, Department of Agricultural Economics, Texas A&M University
2019 - 2020	<i>Treasurer</i> , 21st Annual Ecological Integration Symposium, Texas A&M University
2018 - 2019	<i>Chair</i> , 5th Annual Applied Economic Research Symposium, Texas A&M University
2017 - 2018	<i>Chair</i> , Website Redevelopment Committee, Department of Agricultural Economics, Texas A&M University

Professional Membership

Association of Environmental and Resource Economists (AERE); Agricultural & Applied Economics Association (AAEA); Committee on Women in Agricultural Economics (CWAE)