

MICHAEL JERMAN

University of Oregon

CONTACT INFORMATION

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EDUCATION

PH.D., ECONOMICS, 2020 (EXPECTED)
University of Oregon, Eugene, OR
Dissertation: *Economic Applications of Remote Sensing and Machine Learning*

M.A., ECONOMICS, 2013
Central Michigan University, Mt. Pleasant, MI

B.A., ECONOMICS AND POLITICAL SCIENCE, 2005
University of Arizona, Tucson, AZ

RESEARCH INTERESTS

Applied Microeconomics, Environmental Economics, Growth and Development, Inequality,
Public Economics, Bayesian Econometrics, Machine Learning

TEACHING

OREGON STATE UNIVERSITY

Intermediate Microeconomics, *Fall 2019, Spring 2019, Winter 2019, Fall 2018, Spring 2018, Winter 2018*
Economics of Discrimination, *Winter 2019, Winter 2018*
Economics of Inequality, *Fall 2018, Winter 2018*
Game Theory, *Spring 2019, Spring 2018, Winter 2018*
Introduction to Econometrics, *Fall 2019*
Pre-Econometrics, *Fall 2019*

UNIVERSITY OF OREGON

Intermediate Microeconomics, *Fall 2017, Winter 2016, Fall 2015*
Growth and Development, *Summer 2017*
Economics of Inequality, *Spring 2017*
Econometrics, *Summer 2016*

ONLINE COURSES

Economics of Inequality, *Fall 2018*
Introduction to Econometrics, *Fall 2018, Summer 2019*

RESEARCH

WORKING PAPERS

“Estimating Growth and Inequality using Satellite Data”

“Measuring the Effects of Pollution Abatement in the Presence of Treatment Externalities: An Example Using Indian Data”

“Race, Government Assistance, and Recovery from Natural Disasters”

WORKS IN PROGRESS

“The Effect of Close Electoral Outcomes on Pollution Abatement and Monitoring: An Example from India’s 1996 Lok Sabha Election”

“Local Linear Regression Using an Random Forest Kernel”

“The Nonrandom Censoring of Indian Air and Water Quality Data”

“The Downstream Pollution Effects of Mountaintop Removal Mining (with Rosie Mueller and Trudy Cameron)”

PRESENTATIONS AND CONFERENCES

Western Economic Association, San Francisco, CA, 2019. “Race, Government Assistance, and Recovery from Natural Disasters”

University of Oregon Microeconomics Group, Eugene, OR, 2017. “Estimating Growth and Inequality Using Satellite Data”

Northwest Development Workshop, Seattle, WA, 2016. “Measuring the Effectiveness of River Pollution Abatement in India”

University of Oregon Microeconomics Group, Eugene, OR, 2016. “River Pollution in India”

AWARDS AND HONORS

Kleinsorge Summer Research Award, 2015

Graduate Teaching Fellow, 2013 – Present

SOFTWARE

SCIENCE AND STATISTICS

R, Julia, Stata, Matlab, Python

GIS AND SPATIAL ANALYSIS

ArcGIS, QGIS, GRASS, GDAL, Google Earth Engine

MISCELLANEOUS

HTML, JavaScript, Bash, Latex, Lisp