

# Jonathan Hersh

Assistant Professor, Argyros School of Business

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## Academic Positions

*Chapman University, Argyros School of Business*

Assistant Professor, Economics and Management Science 2017-

*MIT, Department of Political Science*

Visiting Lecturer Fall, 2016

*Wellesley College, Department of Economics*

Visiting Lecturer Spring, 2015

## Education

*Boston University, Ph.D Economics* 2017

Fields: Development, International, Applied Econometrics, Machine learning

*Wharton School of Business, University of Pennsylvania, M.Sc. Management and Applied Economics* 2011

*University of Chicago, A.B Economics* 2005

## Publications

(6) Ryan Enstrom, **Jonathan Hersh**, and David Newhouse. [Poverty from Space: Using High Resolution Satellite Imagery for Estimating Economic Well-being](#) *Submitted*

(5) Klaus-Peter Hellwig and **Jonathan Hersh** "Unintended Consequences of the African Growth and Opportunity Act: The Role of Trade Diversion and Structural Change," February 2016. *Available upon request*

(4) Marium Afzal, **Jonathan Hersh**, and David Newhouse. [Building a Better Model: Variable Selection to Predict Poverty in Pakistan and Sri Lanka](#), *World Bank Research Working Paper*

(3) Marianne Baxter and **Jonathan Hersh** [Robust Determinants of Trade Flows](#) May 2015.

(2) Brian Bettenhausen, Eric Hanss, **Jonathan Hersh**, and Carlos Villarreal. [Historical Health Conditions in Major US Cities: The HUE Data Set](#) *Historical Methods*, (2014) 47: 67-80.

(1) **Jonathan Hersh** and Hans-Joachim Voth. (2011). [Sweet Diversity: Overseas Trade and Gains from Variety after 1492](#)

## Conference and Presentations

2017) Berkeley (CEGA, Geospatial Analysis for International Development, *scheduled*); UN Development Program (Human Development Report Office); World Bank (POV Summer University); Princeton University (Empirical Studies of Conflict); Prediction for Prevention of Armed Conflict (Barcelona, Spain)

2016) Chapman University (Argyros School of Business); Computational and Financial Econometrics (Seville, Spain); World Bank (Annual Bank Conference on Development Economics); Oxford University (CSAE: Economic Development in Africa); Eastern Economic Association; Kiel Institute (Firms in International Trade Summer School)

## Teaching

*Chapman University*

Intro to Business Analytics

Fall 2017

Development Economics (*scheduled*)

Spring 2018

*MIT*

Quantitative Research Methods III (Political Science PhD quant sequence)

Fall 2017

*World Bank, Summer Poverty University*

Machine Learning for Development

Summer 2016; Summer 2017

*Wellesley College*

Development Economics

Spring 2016

Introductory Microeconomics

Spring 2016

## Fellowships and Awards

Hariri Institute for Computational Science Graduate Fellowship

2016

Big Data Innovation Challenge Award, World Bank Group

2014

Teaching Fellowship, Boston University

2013-2014

## Work Experience

Consultant, World Bank Group, Poverty Global Practice

2014-2016

Managing Research Director, University of Chicago Center for Population Economics

2011-2012

Research Professional, University of Chicago Booth School of Business

2008-2009

Economist, RCF Economic and Financial Consulting

2006-2008

Systems Analyst and Developer, McMaster-Carr Supply Company

2005-2006

## Software

*Rlasso* A Stata wrapper that allows for estimation of glmnet models within Stata. Performs regularization and best subset selection using the R glmnet package for Lasso, Ridge and Elastic Net regression from within Stata. [\[code\]](#) [\[help file\]](#) [\[desc\]](#)

## References

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