

## VITA

### ARIE BERESTEANU

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#### PERSONAL INFORMATION

Marital Status: Married +3  
Citizenship: Israel & U.S.A.

#### FIELDS OF INTEREST

Econometrics and Empirical Industrial Organization

#### EDUCATION

Ph.D., Economics, Northwestern University, Evanston, Illinois  
Committee Chairperson: Charles F. Manski  
Date of Completion: June 2001  
M.A. Economics, Hebrew University, Jerusalem, Israel, 1997 with honors  
B.S. Mathematics & Economics, Hebrew University, Jerusalem, Israel, 1994 with honors

#### EMPLOYMENT

University of Pittsburgh – Associate Professor, 2012-present  
University of Pittsburgh – Assistant Professor, 2010-2012  
Duke University – Assistant Professor, 2001-2010

#### TEACHING EXPERIENCE

##### Undergraduate:

Instructor, University of Pittsburgh, Market Structure and Competition, Spring 2013, spring 2014, Spring 2015, Spring 2016, Spring 2018  
Instructor, University of Pittsburgh, Applied Econometrics, Spring 2011, Fall 2014, Fall 2015, Spring 2017  
Instructor, Duke University, Senior Thesis Advisor, 2004, 2007, 2008, 2009, 2010  
Instructor, Duke University, Competitive Strategy and Industrial Organization, Spring 2006, Fall 2007, Spring 2009, Spring 2010

##### Graduate:

Instructor, University of Pittsburgh, Econometrics Workshop, Fall 2012, Fall 2013, Fall 2017  
Instructor, University of Pittsburgh, Advanced Econometrics, Spring 2011, Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2016, Spring 2017, Spring 2018  
Instructor, Duke University, Econometrics III, Fall 2001, 2002, 2003, 2004, 2005  
Instructor, Duke University, Advanced Topics in Econometrics, Fall 2006, 2007, 2008, 2009  
Instructor, Duke University, Applied Microeconomics, Fall 2003, Fall 2004, Spring 2006, Fall 2007, Spring 2009, Spring 2010

#### FELLOWSHIPS AND AWARDS

Arnold Zellner Award for the Best Ph.D. Thesis in Business and Economic Statistics, 2002  
Young Economist Award of the European Economic Association, August 2002  
Northwestern University Fellow, 1997-1998  
Hebrew University Fellow, 1994-1997

## GRANTS

NSF grant SES-0922373, 2009-2011

“Collaborative Research: Identification in Incomplete Econometric Models using Random Set Theory” (in collaboration with Francesca Molinari), 07/15/2009-07/14/2011. Total amount awarded \$214,275.

NSF grant SES-0617559, 2006-2008

“Collaborative Research: Asymptotic Properties for Partially Identified Models” (in collaboration with Francesca Molinari), 07/01/2006-06/30/2009. Total amount awarded \$138,917.

CRDF small grant, 2013-2015

“Spatial Analysis of the Effectiveness of Inspections in the Shale Gas Drilling Sector” (in collaboration with Shanti Gamper), 07/01/20013-06/30/2015. Total amount awarded \$16,000.

## PUBLISHED PAPERS

“Nonparametric Analysis of Cost Complementarities in the Telecommunication Industry”,  
*The Rand Journal of Economics*, Winter 2005

“Asymptotic Properties for a Class of Partially Identified Models”, with Francesca Molinari,  
*Econometrica*, Vol. 76, No. 4, pp 763-814, July 2008

“Gasoline Prices, Government Support, and the Demand for Hybrid Vehicles in the U.S.”,  
with Shanjun Li, *International Economic Review*, 2011, Vol. 52, issue 1, pages 161-182.

“Sharp Identification Regions in Models with Convex Moment Predictions,” with Ilya Molchanov and Francesca Molinari, *Econometrica*, 2011, Vol. 79, issue 6, pages 1785-1821.

“Partial Identification Using Random Set Theory”, with Ilya Molchanov and Francesca Molinari, *Journal of Econometrics*, 2012, Vol. 166, issue. 1, pages 17-32.

“Efficiency Gains in Rank-Ordered Multinomial Logit Models”, With Federico Zincenko,  
*Oxford Bulletin of Economics and Statistics*, Vol. 80, issue 1, pages 122-134.

## WORKING PAPERS

“Quantile Regression with Interval Data”, with Yuya Sasaki, Pitt Econ WP 16/021, under revision

“Dynamic Competition in Oligopolistic Markets”, with Paul Ellickson and Sanjog Misra

“An Optimal Shape of Income Tax: Evidence from Zero Income Tax Countries - Paraguay and Uruguay”, with Dahan Momi, March 2003, Duke WP 2003-05

“Sharp Identification Regions in Games”, with Ilya Molchanov and Francesca Molinari, Cemmap working paper CWP 15/08

## WORK IN PROGRESS

“Identification of Incomplete Preferences”, with Luca Rigotti

“Random Utility Models, Attention Sets and Status Quo Bias”, with Ian Morrall and Roe Teper

“House prices and factory farming in North Carolina”, with Chris Timmins (Duke)

### **PAPERS IN OTHER LANGUAGES**

“Nonparametric analysis of wage equations and income distribution in Israel - a comparison between salaried and self employed workers”, Working Paper, Falk Institute for Economic Research in Israel, July 1997 (in Hebrew)

### **NONACADEMIC EXPERIENCE**

Economist, Foreign Exchange Department, Bank of Israel, Jerusalem, Israel 1994-1997

### **SOFTWARE**

"BOUNDS" draft version 1.0, with Charles .F. Manski, MatLab and STATA, with documentation, June 2000

“SVRV” draft version 1.0, with Francesca Molinari and Emily Wang, Matlab, with documentation, May 2009.

### **DEPARTMENTAL SERVICE (at Pitt)**

Graduate Committee – Fall 2010-2015

Recruiting committee - 2011,2012, 2013

Executive Committee – 2013, 2014, 2016, 2017, 2018

Econometrics Seminar – Fall 2010-2013

Summer Reading Group – 2011, 2012, 2014

Pittsburgh Economic Medley conference – 2013, 2014

### **GRADUATE PROGRAM RESPONSIBILITIES**

Dissertations supervision –Stephanie Houghton (Duke, 2008), Stephen Ryan (Duke, 2005), Wei Zheng (Duke, 2005), Alex Li (UNC, 2003), Emily Wang (Duke, 2011), Tate Twinam (Pitt, 2015), , Shawn McCoy (Pitt, 2016), Yingjun Su (Pitt, 2017), Mak Ho-Ching (2017), Ian Morrall (Pitt, 2018), Quanquan Liu (Pitt, ongoing), Mark Azic (Pitt, ongoing)

### **PROFESSIONAL ACTIVITIES**

Referee Reports – refereed papers for: Journal of Human Resources, Journal of Business and Statistics, RAND journal of Economics, Journal of Applied Econometrics, Journal of Econometrics, International Economic Review, Economics Letters, Review of Economic Studies, B.E. journal of Policy and for the Center of Economic Studies, B.E. Journal of Policy, National Science Foundation (NSF), Econometrica, Journal of environmental economics and management, Resources and Energy Economics, International Economic Review, Quantitative Economics, Transportation Economics, Oxford Bulletin of Economics and Statistics