

University of California, Santa Cruz
Economics Department

Placement Director: Phil McCalman
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Maxim E. Belenkiy

Curriculum Vitae
Fall 2009

PERSONAL INFORMATION:

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University of California, Santa Cruz
Santa Cruz, CA 95064
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MAJOR FIELDS OF CONCENTRATION:

International Trade, Applied Microeconomics and Econometrics.

EDUCATION:

University of California, Santa Cruz

Ph.D. Candidate, International Economics	Expected: 6/2010
Master of Arts, International Economics	2007

University of California, Davis

Bachelor of Arts (Honors), Economics	2005
Bachelor of Science, Computer Science	2005

DISSERTATION:

Title: An Empirical Role of Firm Level Heterogeneity in International Trade

Dissertation committee: Phil McCalman (Chair), Joshua Aizenman, Kenneth Kletzer.

Expected completion: 6/2010

Dissertation abstract: An empirical study that identifies and resolves the puzzle of insignificance of the extensive margin of trade (number of exporting firms) at the aggregate (country) level world trade flow data. In addition some theory of firm level heterogeneity is developed to help explaining empirical findings.

JOB MARKET PAPER:

"The Extensive Margin in the Industry Trade: Estimation, Significance and Implications"

What determines the significance of the extensive margin (number of exporting firms) in the gravity model of trade with heterogeneous firms? Helpman, Melitz and Rubenstein (HMR) provide evidence that the neglect of the role played by firm heterogeneity can bias upward the estimates of the gravity model. However, when the gravity model is estimated for exports from OECD to non-OECD countries (a setting where the HMR correction should be the most apparent), firm heterogeneity plays no role. To shed light on this puzzle I further decompose the world trade data between three industries (manufacturing, mining and agriculture). The presumption is that the HMR correction should be most prominent for manufacturing trade and less so for the other industries. I confirm this prediction and find that using the trade data at an aggregate level confounds the significance of the extensive margin by mixing the industries. In addition, I show that there is an important relationship between the HMR correction and the upward bias in the gravity estimates: the upward bias is strong only when the extensive margin is a significant determinant of the trade flows. I set up industry level HMR framework to explain these findings.

PUBLISHED PAPERS:

"The Determinants of Outsourcing. The Evidence from the US Manufacturing Industries 1972-2002), "Explorations", UC Davis Annual Undergraduate Research Journal. 3/2006

WORKING PAPERS:

"The Robustness of the Extensive Margin in the Symmetric Helpman, Melitz and Rubenstein (HMR) Model", FREIT Working Paper #59

"The Impact of Insurance Status on Child Birth among Teenagers: Evidence from Regression Discontinuity Design"

REFERENCES:

Phillip McCalman (Advisor)	Kenneth Kletzer	Joshua Aizenman	Carlos Dobkin
Economics Dept., UCSC	Economics Dept., UCSC	Economics Dept., UCSC	Economics Dept., UCSC
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HONORS AND AWARDS:

Teaching Fellowship, University of California at Santa Cruz	1/2010 – 3/2010
Merit-based Tuition Fellowships, University of California at Santa Cruz	2005 – 2010
Department citation for outstanding undergraduate accomplishment in Economics, Department of Economics, University of California, Davis, CA	5/2005
Certificate for outstanding academic achievement in the presentation of the scholarly research at the Undergraduate Research Conference, University of California, Davis, CA	4/2005
Deans' Honors List, University of California, Davis, CA	12/ 2004
Honors Program in Economics, University of California, Davis, CA	3/2004 – 12/2004
The Tutor of the Month Certificate, De Anza College, Cupertino, CA	5/2002

CONFERENCE PARTICIPATION:**Presentations:**

	FIW Research Conference on International Economics, Vienna University of Business Administration, Vienna, Austria	12/2009
"The Extensive Margin in the Industry Trade: Estimation, Significance and Implications"	Fall Midwest International Trade Meetings, Pennsylvania State University, University Park	10/2009
	APEA Conference, University of California, Santa Cruz	6/2009
	SCIE PhD Conference, University of California, Santa Cruz	5/2009
"The Robustness of the Extensive Margin in the Symmetric Helpman, Melitz and Rubenstein (HMR) Model"	Spring Midwest International Trade Meetings, University of Iowa, Iowa City	4/2009

Invited Discussant:

Conference on Empirical Investigations in International Trade, Purdue University	11/2009
APEA Conference, University of California, Santa Cruz	6/2009

TEACHING EXPERIENCE:

Graduate Student Instructor, UCSC

Intermediate Macroeconomics 1/2010 – 3/2010, 6/2008 – 7/2008
Introductory Macroeconomics 8/2009 – 9/2009, 8/2008 – 9/2009

Teaching Assistant, UCSC

Introductory Macroeconomics, Introductory Microeconomics, 9/2005 - present
Econometrics, Intermediate Macroeconomics, Intermediate Microeconomics,
Game Theory

Supplemental Instructor, De Anza College, Cupertino, CA

Sociology 1/2002 – 6/2002

RESEARCH EXPERIENCE:

Research Assistant for Professor Phillip McCalman

1/2009 – 4/2009

Responsible for collecting and constructing trade data set which involved designing an efficient algorithm to merge several data sets containing over 13 million observations

**Research Assistant for Professor Phillip McCalman
and Professor Alan Spearot**

1/2009 – 4/2009

Responsible for designing unique software for generating a required data set
Contribution to:

- A. Spearot and P. McCalman (2009), "FDI and Automobile Characteristics", Preliminary Working Paper

**Research Assistant for Professor Phillip McCalman
and Professor Ricard Gil**

1/2008 – 4/2008

Responsible for generating the data sets as needed for the research projects
Contributions to:

- P. McCalman (2009), "Trade Policy in the Presence of a Discriminating Foreign Monopolist", Working Paper
- R. Gil (2008), "Empirical Analysis of Metering Price Discrimination: Evidence from Concession Sales at Movie Theaters", accepted to Marketing Science.

Research Assistant for Professor Joshua Aizenman

9/2005 – 10/2005

Responsible for collecting and cleaning data as needed for the research project.
Contribution to:

- J. Aizenman and I. Noy (2007), "Prizes for Basic Research- Human Capital, Economic Might and the Shadow of History", forthcoming, Journal of Economic Growth.

SPECIAL SKILLS:

- Working knowledge of MATLAB™, STATA™, E-Views™, SAS™ and LaTeX
- Five years of programming experience in C++ and Java

PROFESSIONAL AFFILIATIONS:

American Economic Association

Forum for Research in Empirical International Trade (FREIT)