

# Esteban Rossi-Hansberg



## ADDRESS

Fisher Hall 309  
Department of Economics  
Princeton University  
Princeton, NJ, 08544  
Office: 609 2584024; Cell: 650 7142093; Fax: 609 2585349  
Web Page: <http://www.princeton.edu/~erossi>  
E-Mail: [erossi@princeton.edu](mailto:erossi@princeton.edu)

## DATE OF BIRTH

July 16, 1973

## CITIZENSHIP

U.S. and Mexico

## CURRENT POSITIONS

Theodore A. Wells '29 Professor of Economics  
Department of Economics and WWS, Princeton University, 2014 – Present  
Research Associate, National Bureau of Economic Research, 2007 – Present  
Research Fellow, Center for Economic Policy Research, 2009 – Present

## PREVIOUS POSITIONS

Professor of Economics, Department of Economics and WWS, Princeton University, 2007 – 2014  
Assistant Professor of Economics, Department of Economics and WWS, Princeton University, 2005 – 07  
Assistant Professor of Economics, Department of Economics, Stanford University, 2002 – 05  
Research Fellow, National Bureau of Economic Research, 2005 – 07

## EDUCATION

Ph.D. Economics	University of Chicago	June 2002
M.A. Economics	ITAM, Mexico	May 1997
B.A. Economics	ITAM, Mexico	May 1996

## WORKING PAPERS

- Learning, Career Paths, and the Distribution of Wages” (with Caicedo and Lucas)
  - NBER WP# 22151

- “Productivity and Organization in Portuguese Firms” (with Caliendo, Mion, and Opromolla)
  - NBER WP# 21811
- “Commuting, Migration and Local Employment Elasticities” (with Monte and Redding)
  - NBER WP# 21706
- “The Geography of Development: Evaluating Migration Restrictions and Coastal Flooding” (with Desmet and Nagy)
  - NBER WP# 21087
- “The Impact of Regional and Sectoral Productivity Changes on the U.S. Economy” (with Caliendo, Parro, and Sarte)
  - NBER WP# 20168
- “The Spatial Diffusion of Technology” (with Comin and Dimitriev)
  - NBER WP# 18534

#### JOURNAL PUBLICATIONS

- “The Anatomy of French Production Hierarchies” (with Caliendo and Monte)
  - August 2015, *Journal of Political Economy*, 123:4, 809-852
- “Knowledge-based Hierarchies: Using Organizations to Understand the Economy” (with Garicano)
  - August 2015, *Annual Review of Economics*, 7, 1-30
- “On the Spatial Economic Impact of Global Warming” (with Desmet)
  - July 2015, *Journal of Urban Economics*, 88, 16-37
- “The Spatial Development of India” (with Desmet, Ghani, and O’Connell)
  - January 2015, *Journal of Regional Science*, 55:1, 10-30
- “Spatial Development” (with Desmet)
  - April 2014, *American Economic Review*, 104:4, 1211-1243
- “Urban Accounting and Welfare” (with Desmet)
  - October 2013, *American Economic Review*, 103:6, 2296-2327
- “The Impact of Trade on Organization and Productivity” (with Caliendo)
  - August 2012, *Quarterly Journal of Economics*, 127:3, 1393-1467
- “Innovation in Space” (with Desmet)
  - May 2012, *American Economic Review P&P*, 102:3, 447-452
- “Task Trade between Similar Countries” (with Grossman)
  - March 2012, *Econometrica*, 80:2, 593-629
- “Organizing Growth” (with Garicano)
  - March 2012, *Journal of Economic Theory*, 147:2, 623-656
- “Spin-offs and the Market for Ideas” (with Chatterjee)
  - February 2012, *International Economic Review*, 53:1, 53-93
- “Housing Externalities” (with Sarte and Owens)
  - June 2010, *Journal of Political Economy*, 118:3, 485-535

- “External Economies and International Trade Redux” (with Grossman)
  - May 2010, *Quarterly Journal of Economics*, 125:2, 829-858
- “On Spatial Dynamics” (with Desmet)
  - February 2010, *Journal of Regional Science*, 50:1, 43-63
- “Spatial Growth and Industry Age” (with Desmet)
  - November 2009, *Journal of Economic Theory*, 144:6, 2477-2502
- “Organizations and Trade” (with Antràs)
  - September 2009, *Annual Review of Economics*, 1, 43-64
- “Firm Fragmentation and Urban Patterns” (with Sarte and Owens)
  - February 2009, *International Economic Review*, 50:1, 143-186
- “Trading Tasks: A Simple Theory of Offshoring” (with Grossman)
  - December 2008, *American Economic Review*, 98:5, 1978-1997
- “The Effect of Information and Communication Technology on Urban Structure” (with Ioannides, Overman, and Schmidheiny)
  - April 2008, *Economic Policy*, 23:54, 201-242
- “Establishment Size Dynamics in the Aggregate Economy” (with Wright)
  - December 2007, *American Economic Review*, 97:5, 1639-1666
- “Urban Structure and Growth” (with Wright)
  - April 2007, *Review of Economic Studies*, 74:2, 597-624
- “Organization and Inequality in a Knowledge Economy” (with Garicano)
  - November 2006, *Quarterly Journal of Economics*, 121:4, 1383-1435
- “Specialization vs. Concentration: A Note on Theory and Evidence” (with Aiginger)
  - September 2006, *Empirica*, 33:4, 255-266
- “The Knowledge Economy at the Turn of the 20th Century: the Emergence of Hierarchies” (with Garicano)
  - April-May 2006, *Journal of the European Economic Association P&P*, 4:2-3, 396-403.
- “Offshoring in a Knowledge Economy” (with Antràs and Garicano)
  - February 2006, *Quarterly Journal of Economics*, 121:1, 31-77
- “A Spatial Theory of Trade”
  - December 2005, *American Economic Review*, 95:5, 1464-1491
- “Cities under Stress”
  - July 2004, *Journal of Monetary Economics*, 51:5, 903-937
- “Inequality and the Organization of Knowledge” (with Garicano)
  - May 2004, *American Economic Review P&P*, 94:2, 197-202
- “Optimal Urban Land Use and Zoning”
  - January 2004, *Review of Economic Dynamics*, 7, 69-106
- “On the Internal Structure of Cities” (with Lucas)
  - July 2002, *Econometrica*, 70:4, 1445-1476
  - Reprinted in Masahisa Fujita (ed.) *Spatial Economics*, Edward Elgar, 2005

## OTHER PUBLICATIONS

- “Analyzing Urban Systems” (with Klaus Desmet)
  - Glaeser and Joshi-Ghani, *The Urban Imperative: Towards Competitive Cities*, Oxford UP, 2015
- Economics of Housing Externalities”
  - *International Encyclopedia of Housing and Home*
- “Organizations in the Aggregate Economy”
  - March 2009, *NBER Reporter*, Number 1
- “The Rise of Offshoring and its Implications for American Workers” (with Grossman)
  - Fall 2007, *Yale Economic Review*, 4:1, 50-56
- “Organizing Offshoring: Middle Managers and Communication Costs” (with Antràs and Garicano)
  - Helpman, Marin, and Verdier, *The Organization of Firms in a Global Economy*, HUP, 2008
- “The Rise of Offshoring: It’s Not Wine for Cloth Anymore,” (with Grossman)
  - *The New Economic Geography: Effects and Policy Implications*, Jackson Hole: Federal Reserve Bank of Kansas City, 2006
- “Urban Growth” (with Ioannides)
  - *The New Palgrave Dictionary of Economics*, 2nd edition, Palgrave Macmillan
- *Solutions Manual for Recursive Methods in Economic Dynamics* (with Irigoyen and Wright)
  - 2002, Harvard University Press
- “A Pricing Model for Mexican Mortgage-Backed Securities”
  - 1997, *Gaceta de Economía*, 5, 17-52, México (in Spanish)
- “Efficiency in the Market of ICA Shares in the Mexican Stock Market” (with Tribukait)
  - 1996, *Gaceta de Economía*, 2, 37-42, México (in Spanish)

## OTHER CONTRIBUTIONS AND WRITINGS

- “The Organization of Production and Firm-level Productivity,” VoxEU, January 2016 (with Caliendo, Mion, and Opromolla)
- “Commuting, Migration and Local Employment Elasticities,” VoxEU, December 2015 (with Monte and Redding)
- “Geography, Idiosyncratic Shocks, and Aggregate Fluctuations,” Perspectives from Around the World 41, RIETI, Japan, April 2014
- “Moving to Greenland in the face of Global Warming,” VoxEU, January 2013 (with Desmet)
- “Heavy Technology: The Process of Technological Diffusion over Time and Space,” VoxEU, November 2012 (with Comin and Dmitriev)
- “Firms Reorganize to Grow (by Hiring Workers that Know and Earn Less),” VoxEU, August 2012 (with Caliendo and Monte)
- “Spatial Disparities in India: Have Mumbai and Chennai Become too Congested?,” VoxEU, June 2012 (with Desmet, Ghani, and O’Connell)
- “Are the World’s Megacities too Big?,” VoxEU, March 2011 (with Desmet)

- “The Geographic Concentration of Services Today Mirrors that of Manufacturing a Century Ago,” VoxEU, October 2007 (with Desmet)

#### TEACHING EXPERIENCE

Economics 503, 1<sup>st</sup> Year Graduate Macroeconomics, Princeton University, 2014 - 2015  
 Economics 522, 2<sup>nd</sup> Year Graduate Macroeconomics, Princeton University, 2008 - 2016  
 Economics 552/551, Graduate International Trade, Princeton University, 2007 - 2016  
 WWS 582a: Topics in Economics: Urban Economics, Princeton University, 2012 - 2016  
 WWS 512b, Intermediate Macroeconomics, Princeton University, Spring 2006 - 2011  
 Globalization in Theory and Practice, ITAM, Summer, 2007 - 2009  
 Econ 233, Graduate Macroeconomics, Stanford University, 2004  
 Econ 266, Graduate International Trade, Stanford University, 2003 - 2004  
 Econ 165, International Economics, Stanford University, 2003 - 2004  
 Econ 203: Topics in Macroeconomics, University of Chicago, 1999 - 2002

#### PHD ADVISING (First job in parenthesis, \* Denotes Main Advisor)

Arpita Chatterjee\* (UNSW), Alfonso Cebreros (Bank of Mexico), Cheng Chen (HKU), Eliav Danziger\* (SFU), Kunal Dasgupta\* (Toronto), Pablo Fajgelbaum\* (UCLA), Cecile Gaubert\* (UC Berkeley), Kevin Lim (Toronto), Alisdair McKay (BU), David Nagy\* (CREI), Andrea Podhorsky (York), Ricardo Reyes-Heroles\* (Federal Reserve Board), Edouard Schaal (NYU), Mariano Somale (Federal Reserve Board), Tomasz Swiecki (UBC), Mathieu Taschereau-Dumouchel (Wharton), Jade Vichyanond\* (IMF), Jonathan Vogel (UCLA), Thomas Winberry (Chicago Booth), Christian vom Lehn (BYU)

#### PROFESSIONAL ACTIVITIES

Associate Editor of the *Quarterly Journal of Economics*  
 Associate Editor of the *Journal of Urban Economics*  
 Associate Editor of the *Journal of Regional Science*  
 Associate Editor of the *Journal of Economic Theory*, 2013 - 2015  
 Member of the Board of Editors of the *American Economic Review*, 2009 – 2012  
 Associate Editor of the *Journal of Monetary Economics*, 2008 – 2012  
 Editor of the *B.E. Journals in Macroeconomics*, 2006 – 2009  
 Referee for: *American Economic Review*, *American Economic Journal: Macroeconomics*, *Microeconomics*, *Economic Policy*, *B. E. Journals in Macroeconomics*, *Canadian Social Sciences and Humanities Research Council*, *Econometrica*, *El Trimestre Económico*, *Economic Letters*, *Economic Theory*, *European Economic Review*, *Gaceta de Economía*, *International Economic Review*, *Journal of Economic Geography*, *Journal of Economic Growth*, *Journal of Economic Theory*, *Journal of Economic Behavior and Organization*, *Journal of the European Economic Association*, *Journal of Finance*, *Journal of International Economics*, *Journal of Monetary Economics*, *Journal of Political Economy*, *Journal of Public Economics*, *Journal of Public Economic Theory*, *Journal of Regional Science*, *Journal of Urban Economics*, *National Science Foundation*, *Quarterly Journal of*

*Economics, RAND Journal of Economics, Regional Science and Urban Economics, Review of Economic Dynamics, Review of Economic Studies, Swiss National Science Foundation, Urban Studies*

Co-organizer of the conference "Heterogeneity and Aggregation in Macroeconomics" SITE, 2004

Member of the Program Committee of the Society for Economic Dynamics Meetings, Budapest, 2005

Program Co-Chair of the Society for Economic Dynamics Meetings, Vancouver, 2006

Member of the Program Committee of the Econometric Society Meetings, 2006, 2010, 2012, 2016

Program Chair of the 2007 Minnesota Workshop in Macroeconomic Theory

Co-organizer of the IES Summer Workshop, Princeton University, 2007 - 2015

Co-organizer of the Urban Economics Sessions, North American Meetings of the RSAI, 2008 - 2010

Co-organizer of the 2010 and 2012 Conference in Urban and Regional Economics, Princeton University

#### FELLOWSHIPS, GRANTS, HONORS & AWARDS

2015 Excellence in PhD advising, Graduate Economics Committee, Department of Economics, Princeton University, 2015

2011 Professional Merit Award, ITAM, México

2010 Geoffrey J. D. Hewings Award given by the North American Regional Science Council

2010 August Lösch Prize for outstanding academic research in the field of Regional Science

2010 International Growth Center Grant

2007 - 2009 Alfred P. Sloan Research Fellowship

2007 Young Global Leader, the World Economic Forum

2005 - 2007 National Science Foundation Grant # SES-0453125 (with Mark Wright)

2002 - 2003 Stanford Institute for Economic Policy Research, Junior Faculty Grant

2001 - 2002 John M. Olin Foundation Dissertation Fellowship, University of Chicago

1999 - 2001 Bernard Monk Fellowship, University of Chicago

1998 John Lee Prize for best Theory of Income Core Examination, University of Chicago

1997 Palacios Macedo Medal for Academic Excellence, ITAM, México

1997 Mexican Academy of Science Prize for best Master Thesis in Economics

1996 IMEF Prize for best BA Thesis in Financial Economics, México

#### INVITED LECTURES AND PLENARY TALKS

2<sup>nd</sup> Annual Inter-American Development Bank Lecture, 2015

Keynote Speaker CRED 2015, University of Bern

JRS Keynote speaker at NARSC 2014

2013 Keynote speaker, FRB Richmond Regional Economics Workshop

2013 AMSE Globalization Lecture (Marseille, France)

Keynote Address, Technology, Assets, Skills, Knowledge and Specialization (TASKS) International Conference, IAB, BIBB, Bonn, Germany, January 2012

CRETE 2011, Milos, Greece

Semi-Plenary Talk, 2011 North American Summer Meetings of the Econometric Society

NOITS Workshop, Copenhagen School of Business, 2009

International Workshop in Economic Geography, Barcelona, 2008  
2nd Annual Organizational Economics Workshop, University of Sydney, 2008  
State of the Art Lecture, 2007 Canadian Economic Association Meetings

#### ACADEMIC VISITS

Becker-Friedman Institute at the University of Chicago (May 2014), Central Bank of Mexico (July 2014), Long Term Consultant at the Richmond Fed (since 2013), EIEF (May-June, 2013), Sabbatical Leave at the Department of Economics of Harvard University (2012 – 13), UCLA (May 2012), CES (University of Munich, Summer 2012), CREI (Barcelona, Summer 2011), University of Chicago Booth (October 2007), LSE (December 2006), UC Berkeley (September 2006), Visiting Scholar Richmond Fed (May 2006), Visiting Scholar New York Fed (February-June 2006), Visiting Scholar Philadelphia Fed (2005 to 2012), Columbia University (Spring 2005), Minneapolis Fed (Fall 2002, Fall 2004, Fall 2006)

#### INVITED SEMINARS AND PRESENTATIONS

“Productivity and Organization in Portuguese Firms”: IGIER-CSEF Conference (Capri), NYU, Princeton, MIT  
“Commuting, Migration and Local Employment Elasticities”: Berkeley Haas, Munich, Richmond Fed, SMU, Stanford, UBC  
“The Geography of Development: Evaluating Migration Restrictions and Coastal Flooding”: Princeton, USC, Penn State, Brown, Duke, Northwestern, GWU, New York Fed, BU, ERWIT 2015, NBER SI 2015, Cowles, Regensburg, Cambridge, PERC Conference, UCLA, NBER Macroeconomics in Time and Space, Harvard  
“The Impact of Regional and Sectoral Productivity Changes on the U.S. Economy”: Minnesota, Philadelphia Fed, Zurich, LSE, LAMES-LACEA, Toulouse, Columbia, Cowles, ERWIT Oslo 2014, Central Bank of Mexico, HUML 2014, Washington, Kiel Institute, Chicago  
“On the Spatial Economic Impact of Global Warming”: Conference on Climate and the Economy (IIES, Stockholm), Harvard, MIT, Princeton STEP, Tokyo, Osaka, NBER Macroeconomics in Time and Space, Boston Fed, Chicago Booth, Bologna, EIEF, NYU  
“Innovation in Space”: Winter AEA Meetings 2012  
“The Anatomy of French Production Hierarchies”: Econometric Society Winter Meetings 2012, Princeton, ERWIT Barcelona 2012, Munich, UCLA, Columbia GDB, Princeton IES Workshop, NBER SI 2012, IFN (Stockholm), MIT, UCL, NBER Organizational Economics, World Bank, UC Berkeley, UC Irvine, Wharton, CERGE-EI, Bank of Belgium, Stanford  
“The Spatial Diffusion of Technology”: RSAI 2011, HULM Spring 2012, ITAM Summer Camp (Mexico), NBER SI 2012, Bologna

- “The Impact of Trade on Organization and Productivity”: Chicago, NBER Organizational Economics Working Group, 2010 Notre Dame Trade and Growth Conference, Cowles, SED Meetings 2011, CREI, FGV, NBER ITI, Bank of Italy, WTO, Stanford, UCSD, Carlos III
- “Urban Accounting and Welfare”: Princeton, UQAM, Wharton, RSAI 2010, Boston, 2011 AEA Meetings, PUC Rio, CURE CEPR Madrid 2011, World Bank, Princeton Global Forum Shanghai
- “Spatial Development”: NBER Macroeconomics across Space and Time 2009, Syracuse, CURE CEPR Milan 2009, RSAI 2009, Chicago, Richmond Fed, Econometric Society Atlanta 2010, MIT, UC Berkeley, Iowa State, UCSB, St. Louis Fed, ITAM Summer Camp, NBER SI EFGJK, New York Fed
- “Housing Externalities”: Toronto, Penn State, RSAI 2008, Princeton, Duke, Chicago GSB, CPB Netherlands, Tinbergen Institute Amsterdam, Hass Berkeley
- “External Economies and International Trade Redux”: ERWIT Madrid 2009, LAMES 2009 Buenos Aires
- “Task Trade between Similar Countries”: RMM Conference (Toronto), Boston College, Collegio Carlo Alberto (Turin), New Economic Geography Conference (Passau University), NBER ITI Spring Meetings 2009, NOITS Copenhagen, Hitotsubashi Conference (Japan), Tufts, Madrid MIAOW
- “Organizing Growth”: University of Pennsylvania, Clemson University Conference in Honor of Robert E. Lucas Jr., Chicago GSB, Erasmus School of Economics, ECARES, Northwestern, Chicago Fed, Wharton, Wisconsin, UCLA, UCSD, Universidad Autónoma de Barcelona, Minnesota Workshop in Macroeconomic Theory, SED Meetings 2008, World Bank
- “Spatial Growth and Industry Age”: Econometric Society Winter Meetings (Chicago), University of Chicago Conference in Honor of Robert E. Lucas Jr., Canadian Economic Association Meetings, UT Austin, Hass School of Business UC Berkeley
- “Spin-offs and the Market for Ideas”: Yale, Minneapolis Fed, NYU Stern, IIES Stockholm, SED Meetings 2007 (Prague), Stanford SITE, ITAM Summer Camp, AEA Meetings 2008, Philadelphia Workshop on Monetary and Macro Economics 2008, LSE
- “Trading Tasks: A Simple Theory of Offshoring” : AEA Meetings (Chicago), LSE, Philadelphia Fed, LACEA/LAMES 2006, Georgetown, Harvard, Cornell, Duke, Virginia, MIT, Iowa, UC Berkeley, UC Davis, Williams College, World Bank Commission for Growth and Development, NBER ITI 2007
- “Organizing Offshoring: Middle Managers and Communication Costs”: SED Meetings 2006 (Vancouver), CREI, University Carlos III, NBER ITI Spring Meetings 2006, Brown
- “Firm Fragmentation and Urban Patterns”: New York Fed, Columbia, NBER Urban Group Meeting Boston 2005, RSAI 2005
- “Offshoring in a Knowledge Economy”: SED Meetings 2005 (Budapest), MIT, Harvard, NBER EFG Winter Meeting 2005, Princeton, Stanford (GSB and Economics Department)



“Firm Size Dynamics in the Aggregate Economy”: Cornell, Philadelphia Fed, UIUC, Mannheim, ECB, Montreal, Chicago GSB, Columbia, Richmond Fed, Minnesota Workshop in Macroeconomic Theory, SED Meetings 2004

“Cities under Stress”: Carnegie-Rochester Conference on Public Policy: “Macroeconomics of Terrorism”

“Urban Structure and Growth”: SED Meetings 2004 (Florence, Italy), UBC, CIDE, UT Austin, Princeton, UCLA, UC Santa Cruz, Cleveland Fed, USC, Penn, NBER SI 2003

“Organization and Inequality in a Knowledge Economy”: Penn State, Frankfurt, Kansas City Fed, ITAM, USC, Goldwater Conference on Labor Markets (Arizona), Minneapolis Fed, Arizona, NYU, Rochester, UC Berkeley, NBER SI 2003, SED Meetings 2003, Stanford, VII Meeting of LACEA (Madrid, Spain)

“A Spatial Theory of Trade”: UCLA, Stanford, Fuqua Duke, Rice, SED Meetings 2001, Stern NYU, Minnesota, MIT, Chicago

“Optimal Urban Land Use and Zoning”: SIEPR Stanford, Universidad de Chile, RAI 2002, UC Berkeley, Washington, Boston, Brown, UCSB, Toronto, UT Austin, Michigan, Vanderbilt, Stanford, Minneapolis Fed, VI Meeting of LACEA (Montevideo), ITAM, SED Meetings 2002, Chicago

“On the Internal Structure of Cities”: Universidad de Chile, Problems and Perspectives on the Calculus of Variations (Fields Institute, Toronto), Chicago, ITAM, SED Meetings 2000

## DISCUSSIONS

Econometric Society Winter Meetings, Washington 2003; SCID Conference on Latin America 2003, Stanford University; SCID Conference on India 2004, Stanford University; NBER Summer Institute 2005; ITAM Summer Camp in Macroeconomics 2005; 2006 AEA Meetings; Bank of Portugal Conference on Monetary Economics, Portugal 2006; RAI Meetings 2008-2011; 2011 AEA Meetings; 2012 AEA Meetings, 2012 Handbook of International Economics Conference (Harvard)