# Lee Edward Ohanian

#### October 2023

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## Fields of Specialization

Macroeconomics, Public Policy Analysis, International Economics

#### Education

Ph.D.	<b>Economics</b>	University of Rochester, 1993
M.A.	<b>Economics</b>	University of Rochester, 1992
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B.A. Economics U.C. Santa Barbara, 1979, with high honors

## **Primary Faculty Appointments**

2021 - Present, Distinguished Professor of Economics, UCLA

2000 – 2020, *Professor of Economics*, UCLA (Vice Chair 2000-2004, 2006, 2022)

## **Key Administrative Accomplishments:**

Expanded UCLA economics faculty from 35 to 43 Grew UCLA economics major to become largest in country Secured approximately \$3 million in external funding for department

1999 – 2000, Associate Professor of Economics, UCLA

1995 – 1999, Assistant and Associate Professor of Economics, University of Minnesota

1992 – 1995, Assistant Professor of Economics, University of Pennsylvania, Philadelphia, PA

## Advisory and Other Appointments

2020 – Board Member, America First Policy Institute

- 2011 Present, Senior Fellow, Hoover Institution, Stanford University
- 2011 Sam B. Cook Visiting Professor of Economics (Inaugural Chair Holder), Washington University, St. Louis
- 2010 Present, Associate Director, Center for the Advanced Study in Economic Efficiency, Arizona State University
- 2010, John Weatherall Distinguished Fellow, Department of Economics, Queen's University
- 2009, Cowles Foundation Fellow, Department of Economics, Yale University
- 2008 Present, Economic advisor to various national and state political campaigns
- 2007 Present, Director, NBER Working Group "Macroeconomics Across Time and Space"
- 2003 Present, Director, Ettinger Family Program in Macroeconomic Research, UCLA
- 2003 Present, Research Associate, National Bureau of Economic Research
- 1999 Present, Economic Advisor, Federal Reserve Bank of Minneapolis

## **Industry Experience**

1997-1999	Economist, Federal Reserve Bank of Minneapolis, Minneapolis, MN
1982 - 1988	Vice President and Economist, Security Pacific National Bank, Los Angeles, CA
1981 - 1982	Senior Research Analyst, Continental Airlines, Los Angeles, CA

## Honors, Fellowships, and Prizes

2001 - 2019 Scoville Distinguished Teaching Prize, UCLA	
2012 – Present Fellow, Society for the Advancement of Economic The	eory
1994 - 1996 Lawrence R. Klein Fellow, University of Pennsylvania	ì
1991 Distinguished Teaching Prize, University of Rochester	•
1990 Kaplan Prize, University of Rochester	

#### External Research Grants

Manhattan Institute Grant, "Quantitative History of the American Economy"
NSF Grant, "The Macroeconomic Effect of New Deal Policies"
Alfred P. Sloan Foundation Fellowship
NSF Grant, "Topics in Applied Macroeconomics"

#### Peer Reviewed Journal Publications

- "Labor Market Conflict and the Decline of the Rust Belt," with Simeon Alder and David Lagakos, forthcoming, *Journal of Political Economy*.
- "Accounting for the Duality of the Italian Economy," with Jesus Fernandez-Villaverde, Dario Laudati, and Vincenzo Quadrini, forthcoming, *Review of Economic Dynamics*.
- "Revisiting Capital-Skill Complementarity, Inequality, and Labor Share," with Musa Orak and Shihan Shen, forthcoming, *Review of Economic Dynamics*.
- "Bad Investments and Missed Opportunities? Capital Flows to Latin America and Asia," with Paulina Restrepo and Mark Wright, *American Economic Review*, December 2019.
- "The Impact of Foreclosure Delay on U.S. Employment," *Review of Economic Dynamics*, January 2019.
- "Can't Pay or Won't Pay? Unemployment, Negative Equity, and Strategic Default," with Kris Gerardi, Kyle Herkenhoff, and Paul Willen, *Review of Financial Studies*, Volume 31, Issue 3, March 2018, pp. 1098-1131.
- "Tarnishing the Golden and Empire States: Land-Use Restrictions and the U.S. Economic Slowdown," with Kyle Herkenhoff and Edward C. Prescott, *Journal of Monetary Economics*, Volume 93, January 2018, pp. 89-109.
- "The Great Recession in the Shadow of the Great Depression," *Journal of Economic Literature*, Volume 55, Issue 4, 2017, pp. 1583-1601.
- "The Impact of Monetary Policy in the Midst of Big Shocks," *Journal of Economic Dynamics and Control*, Volume 49, 2014, pp. 35-48.
- "Aggregate Hours Worked in OECD Countries: New Measurement and Implications for Business Cycles," with Andrea Raffo, *Journal of Monetary Economics*, Elsevier, Volume 59, 2012, pp. 40-56.
- "Labor Market Dysfunction during the Great Recession," with Kyle Herkenhoff, Cato Papers on

Public Policy, Volume 1, 2011.

"Does Neoclassical Theory Account for the Effects of Big Fiscal Shocks? Evidence from World War II," with Ellen McGrattan, *International Economic Review*, Volume 51, Issue 2, May 2010, pp. 509-532.

"The Economic Crisis from a Neoclassic Perspective," *Journal of Economic Perspectives*, Fall 2010, pp. 45-66.

"What – or Who – Caused the Great Depression?" *Journal of Economic Theory*, Volume 144, Issue 6, November 2009, pp. 2310-2335.

"Long Term Changes in Labor Supply and Taxes: Evidence from OECD Countries, 1956 – 2004," with Andrea Raffo and Richard Rogerson, *Journal of Monetary Economics*, 2008, pp. 1353-1362.

"Why Have Business Cycle Fluctuations Become Less Volatile?" with Andres Arias and Gary Hansen, *Economic Theory*, Volume 32, Issue 1, 2007, pp. 43-58.

"Latin America in the Rear View Mirror," with Harold Cole, Alavaro Riascos, and James Schmitz, *Journal of Monetary Economics*, February 2005. Reprinted in *Quarterly Review*, Federal Reserve Bank of Minneapolis, September 2006.

"Trend-Reverting Fluctuations in the Life Cycle Model," with Costas Azarariadis and James Bullard, *Journal of Economic Theory*, March 2005.

"New Deal Policies and the Persistence of the Great Depression: A General Equilibrium Analysis," with Harold Cole, *Journal of Political Economy*, August 2004.

"The Demand for Money and the Nonneutrality of Money," with Harold Cole, *Journal of Monetary Economics*, Volume 49, Issue 4, May 2002, pp. 653-686.

"Unit Roots, Trend Breaks, and Transitory Dynamics: A Macroeconomic Perspective," with Lutz Kilian, *Macroeconomic Dynamics*, Volume 6, Issue 5, November 2002.

"The Great U.K. Depression: A Puzzle and Possible Resolution," with Harold Cole, *Review of Economic Dynamics*, January 2002, pp. 19-44. Reprinted in *Neoclassical Studies of Great Depressions*, Timothy Kehoe and Edward Prescott, eds., Federal Reserve Bank of Minneapolis, 2007.

"Capital-Skill Complementarity and Inequality: A Macroeconomic Analysis," with Per Krusell, Jose Victor Rios-Rull, and Giovanni Violante, *Econometrica*, September 2000, pp. 1029-1054. Reprinted in *Recent Developments in Growth Theory*, Daron Acemoglu, editor, Edward Elgar Publishing, 2005.

"Dynamic Equilibrium Economics: A Framework for Comparing Models and Data," with Frank Diebold and Jeremy Berkowitz, *Review of Economic Studies*, Volume 65, Issue 3, July 1998, pp. 433-452.

"Short-Run Independence of Monetary Policy under Pegged Exchange Rates and Effects of Money on Exchange Rates and Interest Rates," with Alan Stockman, *Journal of Money, Credit and Banking*, Volume 29, Issue 4, Part 2, 1997, pp. 783-806.

"The Macroeconomic Effects of War Finance in the United States: World War II and the Korean War," *American Economic Review*, Volume 87, Issue 1, 1997, pp. 23-40.

"Postwar British Economic Growth and the Legacy of Keynes," with Thomas Cooley, *Journal of Political Economy*, Volume 3, Issue 105, 1997, pp. 439-472.

"The Effects of Real and Monetary Shocks in a Business Cycle Model with Some Sticky Prices," with Alan Stockman and Lutz Kilian, *Journal of Money, Credit and Banking*, Volume 27, Issue 4, Part 2, November 1995, pp. 1209-1234.

"The Cyclical Behavior of Prices," with Thomas Cooley, *Journal of Monetary Economics*, 28, 1991, pp. 25-60

"A Note on Spurious Inference in a Linearly Detrended Vector Autoregression," *Review of Economics and Statistics*, August 1991, pp. 568-571.

"The Impact of Stochastic and Deterministic Trends on Money-Output Causality, a Multi-Country Investigation," with Robert Krol, *Journal of Econometrics*, 45, 1990, pp. 291-308.

"The Spurious Effects of Unit Roots on Vector Autoregressions: A Monte Carlo Study," *Journal of Econometrics*, November 1988, pp. 251-266.

# Research Papers Under Review

"The Impact of Cartelization, Money, and Productivity Shocks on the International Great Depression," with Hal Cole, second revision in preparation for resubmission to *Journal of Political Economy*.

"The Impact of Bretton Woods International Capital Controls and the Value of Geopolitical Stability," under review, *Econometrica*.

#### Current Research

"The Impact of Commercial Land-Use Regulations on the U.S. Economy," with Fil Babelesky,

Kyle Herkenhoff, and Ed Prescott.

"Hours Worked and Business Cycles in the OECD," with Andrea Raffo, Richard Rogerson, and Gonzalo Llosa.

"Understanding Ireland's Growth Miracle," in progress.

"The Great Depression Started Much Earlier Than We Thought," with Fatih Ozturk.

#### **Books**

Turbulent Times: How the Great Depression Changed America Forever, in progress.

Government Policies and the Delayed Economic Recovery, editor, with John B. Taylor and Ian Wright, Hoover Institution Press, 2012.

The Macroeconomic Effects of War Finance in the United States, New York: Garland Press, 1998.

## **Book Chapters**

"The Effect of Labor Market Freedom on Labor Market Efficiency and Performance," in *The Human Prosperity Project*, Scott Atlas and Edward Lazear, editors, Hoover Institution Press, 2022.

"Structural Methods in Historical Macroeconomics," with Gary Hansen and Fatih Ozturk, in *Handbook of Historical Economics*, Alberto Bisin and Federico Giovanni, editors, Elsevier, 2021.

"Neoclassical Models in Macroeconomics," *The Handbook of Macroeconomics*, John Taylor and Harald Uhlig, editors, Elsevier Science Publishers, 2018.

"Economic Growth, Business Cycles, and Economic Policies," forthcoming in *The Oxford Handbook of American Economic History*, Louis Cain, Price Fishback, and Paul Rhode, editors, Oxford University Press.

"Inequality Solutions," in *Inequality and Economic Policy: Essays in Memory of Gary Becker*, Tom Church, Chris Miller, and John Taylor, editors, Hoover Institution Press, 2015.

"The Macroeconomic Impact of the New Deal," in *The Seminal Works of the Great Depression*, Randall Parker, editor, Edward Elgar, 2014.

"Government Intervention during Financial Crises," with Matt Luzzetti, in *Public Economics in the United States*, Steve Payson, editor, Praeger Publishing, 2014.

"Why the U.S. Economy Has Failed to Recover and What Policies Will Promote Growth," with Kyle Herkenhoff, in *Government Policies and the Delayed Economic Recovery*, Lee E. Ohanian, John B. Taylor, and Ian Wright, editors, Hoover Institution Press, 2012.

"The General Theory After 75 Years: The Importance of Being in the Right Place at the Right Time," with Matt Luzzetti, in *Keynes's General Theory: 75 Years Later*, Thomas Cate, editor, Edward Elgar Press, 2011.

"The Great Depression," in *The New Palgrave Dictionary of Economics*, 2008.

"Back to the Future with Keynes," in *Revisiting Keynes*, Lorenzo Pecchi and Gustavo Piga, editors, 2010, MIT Press.

"The Great Depression in the United States from a Neoclassical Perspective," (revised and updated), in *Great Depressions of the 20<sup>th</sup> Century*, Federal Reserve Bank of Minneapolis, Tim Kehoe and Edward Prescott, editors, 2007.

"The Great Depression in the United States from a Neoclassical Perspective," with Harold Cole, *Quarterly Review*, Federal Reserve Bank of Minneapolis, Winter 1999, pp. 2-24. Reprinted in *The Handbook of Fiscal Policy*, Jack Rabin and Glenn Stevens, editors, Dekker Publishing, 2007.

"Re-Examining the Contribution of Money and Banking Shocks to the U.S. Great Depression," with Harold Cole, *NBER Macroeconomics Annual*, Ben Bernanke and Kenneth Rogoff, editors, MIT Press, 2001, pp. 183-227.

"Shrinking Money and the Effectiveness of Monetary Policy," in *Challenges for Central Banking*, pp. 229-246, Anthony Santomero, Staffan Viotti, and Anders Vredin, editors, Kluwer, 2001.

"Simulation-Based Estimation of a Four Factor Latent Variable Production Function," with Giovanni Violante, Per Krusell, and Jose Victor Rios-Rull, in *Simulation Methods in Econometrics*, Roberto Mariano, Til Schuermann, and Melvyn Weeks, editors, Cambridge University Press, 2000, pp. 359-399.

#### Other Publications

"A Taxation Dead End," in *Hoover Digest*, Spring, 2020, pp. 58-61.

- "It's Real Growth," in *Hoover Digest*, Winter, 2019, pp. 22-25
- "Sunny Delusions," in *Hoover Digest*, Fall, 2018, pp. 169-174.
- "Economic Growth, Business Cycles, and Economic Policies," forthcoming in *The Oxford Handbook of Economic History*.
- "The Effect of Foreclosure Delay on the U.S. Labor Market," 2016 *Economic Policy Paper*, Federal Reserve Bank of Minneapolis.
- "Comment on 'Fiscal Discriminations in Three Wars," Journal of Monetary Economics, 2014.
- "Pay with Promises or Pay as You Go? Lessons from the Death Spiral of Detroit," with Tom Holmes, *Economic Policy Paper*, Federal Reserve Bank of Minneapolis 2014.
- "The Mismeasure of Inequality," with Kip Hagopian, *Hoover Policy Review*, no. 174, August 2011.
- "Accounting for the Great Recession," *Economic Policy Paper*, Federal Reserve Bank of Minneapolis, 2011.
- "Macroeconomic Paradigm Shifts and Keynes's General Theory," with Matt Luzzetti, Vox, http://www.voxeu.org/article/macroeconomic-paradigm-shifts-and-keynes-s-general-theory.
- "Discussion of Goodfriend," in Journal of Monetary Economics, 2010.
- "Discussion of: 'What Fiscal Policy Is Effective at Zero Interest Rates?'" *NBER Macroeconomics Annual*, Daron Acemoglu and Mike Woodford, editors, 2011.
- "Understanding Economic Crises: The Great Depression and the 2008 Recession," *Economic Record*, Volume 86, September 2010, pp. 2-6.
- "Capital Flows and Macroeconomic Performance: Lessons from the Golden Era of International Capital Flows," with Mark L.J. Wright, *American Economic Review Papers and Proceedings*, May 2010, pp. 68-72.
- "The Impact of the Employee Free Choice Act on the U.S. Economy," American Enterprise Institute Economic Policy Studies, April 23, 2010, <a href="https://www.aei.org/wp-content/uploads/2011/10/OhanianEmployeeFreeChoiceAct.pdf">https://www.aei.org/wp-content/uploads/2011/10/OhanianEmployeeFreeChoiceAct.pdf</a>
- "The Spanish Crisis from a Neoclassical Perspective," with Jesus Fernandez-Villaverde, in *The Spanish Economic Crisis*, Samuel Bentolila, Michele Boldrin, Javier Diaz-Gimenez, and Juan Dolado, editors, Foundation for Applied Economic Studies of Spain, 2010, pp. 75-159.

- "A Different View of the Great Depression's Causes," Vox, October 19, 2009, http://www.voxeu.org/index.php?q=node/4105.
- "Where the New Deal Went Badly Wrong," with Harold L. Cole, *Milken Institute Review*, July 2009.
- "On Model Fit and Model Selection," *Review*, Federal Reserve Bank of St. Louis, 2007, pp. 361-370.
- "Liquidity Shocks and the Great Depression," Journal of Money, Credit and Banking, 2003.
- "The U.S. and U.K. Great Depressions through the Lens of Neoclassical Growth Theory," with Harold Cole, *American Economic Review Papers and Proceedings*, May 2002.
- "Why Did Productivity Fall So Much During the Great Depression? *American Economic Review Papers and Proceedings*, May 2001, pp. 34-38. Reprinted in *Quarterly Review*, Federal Reserve Bank of Minneapolis, Spring 2002, pp. 12-17.
- "Are Phillips Curves Useful for Inflation Forecasting?" *Quarterly Review*, Federal Reserve Bank of Minneapolis, Winter 2001, pp. 2-11.
- "Aggregate Returns to Scale: Why Measurement Is Imprecise," with Harold Cole, *Quarterly Review*, Federal Reserve Bank of Minneapolis, Summer 1999, pp. 19-26.
- "The Defining Moment: A Review Essay," *Journal of Political Economy*, February 1998, pp. 178-185.
- "How Capital Taxes Harm Economic Growth: Britain Versus the United States," *Business Review*, Federal Reserve Bank of Philadelphia, July/August 1997, pp. 17-27.
- "Are Data on Industry Evolution and Gross Job Turnover Relevant for Macroeconomics?" with Andy Atkeson and Aubhik Khan, *Carnegie Rochester Conference on Public Policy Series*, 44, June 1996, pp. 215-250,.
- "When the Bubble Bursts: Psychology or Fundamentals?" *Business Review*, Federal Reserve Bank of Philadelphia, January 1996, pp. 3 -13. Reprinted in *Problémes économiques*, Direction de la Documentation Française.
- "Theoretical Issues of Liquidity Effects," with Alan Stockman, *Quarterly Review*, Federal Reserve Bank of St. Louis, Volume 77, Issue 3, May/June 1995, pp. 3-25.
- "Short Run Effects of Money When Some Prices are Sticky," with Alan Stockman, *Quarterly Review*, Federal Reserve Bank of Richmond, Volume 80, Issue 3, Summer 1994, pp. 1-23.
- "Evaluating Trends in Aggregate Time Series: A Monte Carlo Based Forecasting Approach," in

Advances in Econometrics, T. Fomby and G. Rhodes, editors, JAI Press, 1990, pp. 323-342.

"VAR Priors and Economic Theory," with Gerald Nickelsburg, *Proceedings of the American Statistical Association*, 1987, pp. 423-426.

"Changes in Labor Force Participation of Persons 55 and Over Since World War II: Their Nature and Causes," with Eileen Crimmins and Richard Easterlin, in *Aging and Technological Advances*, P. Robinson et al., editors, New York: Plenum Press, 1984, pp. 89-97.

#### **Book Reviews**

The ABCs of RBCs: An Introduction to Dynamic Macroeconomic Models, by George McCandless, *Journal of Economic Literature*, Volume XLVII, Number 4, December 2009, pp. 1129-1132.

#### Interviews

Interview with Russ Roberts of EconTalk, *Ohanian on the Great Recession and the Labor Market*, http://www.econtalk.org/archives/2012/08/ohanian\_on\_the.html

Interview with Randall Parker, in *The Economics of the Great Depression*, Edward Elgar Publishers, 2007.

Interview with *Economic Dynamics* on "The Great Depression," issue number 2, 2000.

#### Editorial Positions Held

Co-Editor, Macroeconomic Dynamics
Associate Editor, Econometrica
Associate Editor, Review of Economic Dynamics
Associate Editor, BE Journal of Macroeconomics
Associate Editor, New Palgrave Dictionary of Economics

## **Professional Activities**

# 1. Referee Activity

Referee for American Economic Review, Journal of Political Economy, Econometrica, Review of Economic Studies, Quarterly Journal of Economics, and other professional journals.

## 2. Economics Panel Member

# 3. Organization of Conferences

- 1995 Organizer for Federal Reserve Bank of Philadelphia Conference on Monetary Policy, Philadelphia, Pennsylvania.
- 2003 Organizer, 2003 SED Annual Conference, Paris, France.
- 2007 Co-Organizer, Conference to honor Robert Lucas, University of Chicago.
- 2012 Co-Organizer, Conference on Delayed Recoveries, Stanford University
- 2015 Co-Organizer, Conference on  $800^{\rm th}$  Anniversary of Magna Carta, Stanford University
- 2016 Co- Organizer, Conference on Restoring Prosperity, Stanford University

# Plenary/Keynote Lectures

Plenary Lecture, Annual Meeting of New Zealand Economic Association, 2022

Plenary Lecture, Annual Meeting of the Armenian Economic Society, 2021

Alan Stockman Memorial Lecture, University of Rochester, 2018

"Great Depressions," Plenary Lecture, Brazilian Econometric Society, 2015

"Past and Present Economic Crises," McGee Policy Lecture, Vanderbilt University, 2014

"Myths and Facts about the Great Depression," Keynote Lecture, Annual Policy Forum, Federal Reserve Bank of Philadelphia, 2013

"Tax Policies and Economic Growth," keynote speech at the Annual Meeting of the American Legislative Exchange Council, 2013

"The Rust Belt," Midwest Macroeconomic Meetings, University of Illinois, 2013

"Myths about Inequality," Sinquefield Foundation Lecture, St. Louis University, 2013

"Depressions, Crises, and Economic Policy: The 1930s and Today," inaugural Lloyd Cole Lecture, Washington University, St Louis, 2012

"Economic Crises," Canadian Macroeconomic Meetings, 2011, Vancouver

"The Great Depression and the Great Recession," Economic History Annual Meeting, 2009

"Understanding the Great Depression and the Recession of 2007-09," Annual Conference of Australian Economists, 2009

"New Deal Policies: The Wrong Policies at the Wrong Time," presented at The Conference Celebrating Milton Friedman's 90<sup>th</sup> Birthday, University of Chicago, November, 2002

"Neoclassical Studies of Great Depressions: Puzzles and Progress," presented at the Annual Meeting of the Society of Economic Dynamics, June 2002.

"New Deal Policies and the Persistence of the Great Depression in the United States: Implications for Argentina," keynote lecture, Central Bank of Argentina Policy Conference, August 2001.

#### Public Service

Economic Advisor, Lance Christensen California school superintendent campaign, 2022

Economic Advisor, Larry Elder California gubernatorial campaign, 2020

Economic Advisor, Kevin Faulconer California gubernatorial campaign, 2020

Economic Advisor, Jeb Bush presidential campaign, 2015-16.

Economic Advisor, Mitt Romney presidential campaign, 2012.

Economic Advisor, John McCain campaign, 2008.

Testimony on Affordable Housing, presented to U.S. Senate Finance Committee, July 15, 2022.

Testimony on Unions and Economic Performance, presented to the U.S. Senate Commerce Committee, December 2013.

Testimony on the Great Depression and the U.S. Economy, presented to the U.S. Senate Banking

Committee, April 2009.

Testimony on U.S. Financial Crisis, presented to the California State Assembly, November 2008.

## Ph.D. Dissertations Supervised

Lian Tang, UCLA, expected completion, 2028

Ali Haider Ismail, UCLA, expected completion, 2027

Noah Kwicklis, UCLA, expected completion, 2026

Toshitaka Maruyama, UCLA, expected completion, 2025

Noah Kwicklis, UCLA, expected completion, 2025

Seungyub Han, UCLA, expected completion, 2025

Jesper Bojyerd, UCLA, expected completion, 2024

Fatih Ozturk, UCLA, expected completion 2023

Seungyub Han, UCLA, expected completion 2023

Shihan Shen, UCLA, 2022

Jae Young Jang, UCLA, 2020

Santiago Justel, UCLA, 2020

Diana Van Patten, UCLA, 2020

Nan Wu, UCLA,2020

Kun Hu, UCLA, 2019

Yunfan Gu, UCLA, 2018

Jing Hang, UCLA, 2018

Andreas Gulyas, 2017

Adrien des Enfans D'Avernas, 2017

Jinwook Hur, UCLA, 2016

Ting Li, UCLA, 2015

Kyle Herkenhoff, UCLA, 2014

Gonca Senel, UCLA, 2013

Seth Neumuller, UCLA, 2013

Nida Cakir, UCLA, 2013

Gonzalo Llosa, UCLA, 2012

Matt Luzzetti, UCLA, 2012

Wei Shi, UCLA, 2012

Roberto Fattal Jaef, UCLA, 2011

Giang Ho, UCLA, 2011

Jose Ignacio Lopez Gaviria UCLA, 2011

Gitanjali Kuma, UCLA 2011

Virginia Maria Olivella, UCLA, 2011

Sophie Park, UCLA, 2011

Jessica Roldan, UCLA, 2011

Hao Shi, UCLA, 2010

Paulina Restrepo, UCLA, 2010

Kei Kawaksami, UCLA, 2010, co-advisor

Simeon Alder, UCLA, 2009

David Lagakos, UCLA, 2008

Tani Fukui, UCLA, 2008, co-advisor

Burcu Eyigungor, UCLA, 2007

Nelson Souza Sobrinho, UCLA, 2006

Shu-Shiuan Lu, UCLA, 2006

Josue Espada, UCLA 2006

Flavia Graminho, UCLA 2006

Keisuke Otsu, UCLA 2006

Giovanni Veronesi, 2005

Thomas Tang, UCLA, 2005

Ruy Lama, UCLA, 2005

Juan Pablo Medina, UCLA, 2004

Andres Arias, UCLA, 2002

Jesus Fernandez-Villaverde, University of Minnesota, 2001

Zheng Liu, University of Minnesota, 1997

Katherine Boland, University of Pennsylvania, 1996

Lutz Hendricks, University of Pennsylvania, 1996

Hyun-do Ahn, University of Pennsylvania, 1994

Tzu-Kuan Chiu, University of Pennsylvania, 1994

# Thesis Committee Member (alphabetical order)

Nobu Abe, UCLA

Marcela Aurelio, UCLA

Patrick Bajari, Minnesota

Claustre Bajona-Xandri, Minnesota

Jeremy Berkowitz, Penn

Michael Binder, Penn

Athanasios Bolmatis, UCLA

Rodolfo Campos, UCLA

Elizabeth Caucutt, Minnesota

Ricardo Cavalcanti, Minnesota

Marcele Chauvet, Penn

Celia Chen, Penn

Nan-Kuang Chen, Penn

Yi-Li Chien, UCLA

Hsiao Lei Chu, UCLA

Young Jun Chun, Penn

Jay Dixon, UCLA

Ronald Edwards, Minnesota

Shingo Goto, UCLA

Jaime Guajardo, UCLA

Rodolfo Guerrero, Minnesota

Inci Gumus, UCLA

Tatsuji Hayakawa, Penn

Chang He, UCLA

Daniel Houser, Minnesota

Min-Chung Hsu, UCLA

Junko Kaneda, UCLA

Masa Kashiwagi, UCLA

Lutz Kilian, Penn

Minsuk Kim, UCLA

Ioannis Kospentaris, UCLA

Ivan Lavrov, UCLA

Junsang Lee, UCLA

Wendy Li, UCLA

Pei-ju Liao, UCLA

Jia Luo, UCLA

Chien-Hsu Lin, UCLA

José Lopez, Penn

Adrian Masters, Penn

Seth Neumuller, Penn

Daisuke Miyakawa, UCLA

Jaihyun Nahm, UCLA

Eric Neis, UCLA

Musa Orak, UCLA

Guillermo Ordonez, UCLA

Andrea Raffo, UCLA

Ronald Ratcliffe, Penn

Robert Rebelein, Minnesota

Diego Restuccia, Minnesota

Mauro Rodriguez, UCLA

Abdel Senhadji, Penn

Cesar Serra, UCLA

Vaidyanathan Venkateswaran, UCLA

Zihao Xu, UCLA

Se Yan, UCLA

Pierre Yanni, UCLA

Yossi Yahkin, UCLA

Paul Zak, Penn

Sarah Zhou, UCLA

Andrew Zaeske, UCLA