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EDUCATION

Ph.D. in Economics June 1986
University of California, Davis

EMPLOYMENT

Tenured Professor May 2018–present
Economics Department, American University, Washington, DC 20016

Tenured Associate Professor September 1991–May 2018
Economics Department, American University, Washington, DC 20016

Assistant Professor September 1987–August 1991
Economics Department, American University, Washington, DC 20016

RESEARCH

My research focuses on computational models of heterogeneous agents, with applications to public policy issues in macroeconomics and finance.

REFEREED JOURNAL ARTICLES

“Documenting and Exchanging Simulation Specifications: A Language-Agnostic Approach”, *Social Science Computer Review* 43(1), February 2025, 148–165.

DOI: 10.1177/08944393241246280

“Rule-Based Trading on an Order-Driven Exchange: A Reassessment”, with Vasudeva Ramaswamy, *Quantitative Finance* 23(12), December 2023, 1871–1886.

DOI: 10.1080/14697688.2023.2270711

“Direct and Indirect Transmission of Avian Influenza: Results from a Calibrated Agent-Based Model”, with Amanda Beaudoin, *Journal of Economic Interaction and Coordination* 1(8), January 2023, 191–212.

DOI: 10.1007/s11403-022-00353-w

“Wealth Inequality and the Financial Accumulation Process”, *Eastern Economic Journal* 47(3), June 2021, 430–448.

DOI: 10.1057/s41302-021-00191-x

“Exploring the Social-Architecture Model”, *Eastern Economic Journal* 45(4), October 2019, 565–589.

DOI: 10.1057/s41302-018-0114-9

“Partnership Duration and Concurrent Partnering: Implications for Models of HIV Prevalence”, with Larry Sawers, *Journal of Economic Interaction and Coordination* 14(2), June 2019, 293–315.

DOI: 10.1007/s11403-018-00234-1

“Partnership Duration, Concurrency, and HIV in Sub-Saharan Africa”, with Larry Sawers, *African Journal of AIDS Research* 16(2), July 2017, 155–164.

DOI: 10.2989/16085906.2017.1336105

- “Modern Value Chains and the Organization of Agrarian Production”, with Heath Henderson, *American Journal of Agricultural Economics* 99(2), March 2017, 379–400.
DOI: 10.1093/ajae/aaw092
- “Comment on ‘Homo Socialis: An Analytical Core for Sociological Theory’”, *Review of Behavioral Economics* 2(1–2), 2015, 113–121.
DOI: 10.1561/105.00000022
- “The Intergenerational Propagation of Wealth Inequality”, *Metroeconomica* 65(4), November 2014, 571–584.
DOI: 10.1111/meca.12057
- “Consumer and Corporate Debt: A Neo-Kaleckian Synthesis”, with Yun Kim, *Metroeconomica* 64(2), May 2013, 244–271.
DOI: 10.1111/meca.12005
- “HIV and Concurrent Sexual Partnerships: Modelling the Role of Coital Dilution”, with Larry Sawers and Eileen Stillwaggon, *Journal of the International AIDS Society* 14(1), September 2011, Article 44.
DOI: 10.1186/1758-2652-14-44
- “The ABM Template Models: A Reformulation with Reference Implementations”, *Journal of Artificial Societies and Social Simulation* 14(2), 2011, Article 5.
- “Monetary and Fiscal Interactions: Short-Run and Long-Run Implications”, *Metroeconomica* 60(1), February 2009, 197–223.
DOI: 10.1111/j.1467-999x.2008.00342.x
- “Simulating Evolutionary Games: A Python-Based Introduction”, *Journal of Artificial Societies and Social Simulation* 11(3), 2008, in Forum.
- “Inheriting Inequality: Institutional Influences on the Distribution of Wealth”, *Journal of Post Keynesian Economics* 30(2), Winter 2007–2008, 187–204.
DOI: 10.2753/pke0160-3477300203
- “PostScript Drawing: An Economist’s Guide”, *Social Science Computer Review* 22(4), Winter 2004, 512–530.
- “The Behavioral Life-Cycle Theory of Consumer Behavior: Survey Evidence”, with Fred Graham, *Journal of Economic Behavior and Organization* 48(4), August 2002, 391–401.
DOI: 10.1016/s0167-2681(01)00242-6
- “The Real-Interest-Differential Model after Twenty Years”, with Suresh de Mel, *Journal of International Money and Finance* 20(4), August 2001, 473–495.
DOI: 10.1016/s0261-5606(01)00005-5
- “Risk Premia and Overshooting”, *Economics Letters* 61(3), December 1998, 359–364.
DOI: 10.1016/s0165-1765(98)00191-8
- “Monetary Shocks and Relative Farm Prices: A Re-Examination”, with David Rapach, *American Journal of Agricultural Economics* 79(4), November 1997, 1332–1339.
DOI: 10.2307/1244289
- “Morality, Maximization, and Economic Behavior”, *Southern Economic Journal* 63(3), January 1997, 559–570.
DOI: 10.2307/1061094
- “Monotonic Saddle-Path Dynamics”, *Economics Letters* 53(3), December 1996, 235–238.
DOI: 10.1016/s0165-1765(96)00925-1
- “Firm Heterogeneity and Worker Turnover”, with Julia I. Lane and David Stevens, *Review of Industrial Organization* 11(3), June 1996, 275–291.

“Monetary Policy, Elasticity Dynamics, and Real Exchange Rate Reversal”, *Journal of Money, Credit, and Banking* 27(2), May 1995, 335–349.

“Is There a Natural Rate?”, *Journal of Post Keynesian Economics* 15(4), Summer 1993, 453–470.

“Economic Stabilization and Money Supply Endogeneity in a Conflicting Claims Model”, *Journal of Post Keynesian Economics* 14(1), Fall 1991, 93–110.

DOI: 10.1080/01603477.1991.11489881

“Monetary Accommodation of Income Claims: A Comment”, *Weltwirtschaftliches Archiv* 126(1), March 1990, 173–177.

“Wealth Effects and the Current Account with Endogenous Terms of Trade”, *Journal of Macroeconomics* 11(4), Fall 1989, 609–612.

DOI: 10.1016/0164-0704(89)90010-4

“Exchange Rate Volatility and Currency Substitution”, *Journal of International Money and Finance* 8(2), June 1989, 277–284.

“Reversing the Phillips Curve: A Microfoundation”, *Journal of Macroeconomics* 8(2), Spring 1986, 221–226.

DOI: 10.1016/0164-0704(86)90007-8

“Bursting Bubbles: Further Results”, *Journal of Monetary Economics* 17(3), May 1986, 425–431.

DOI: 10.1016/0304-3932(86)90066-8

“Currency Substitution: Intuition and Implications”, *Atlantic Economic Journal* 13(4), December 1985, 87–88.

REFEREED BOOK CHAPTERS

“Open Development: Is the ‘Open Source’ Analogy Relevant to Biotechnology?” with Walter G. Park. In David Castle (ed), *The Role of Intellectual Property Rights in Biotechnology Innovation*, Edward Elgar Press, 2009, ch. 10, pp. 225-251.

“Varieties of Fiscal Stimulus,” chapter 12 (pp.237-252) in Per Berglund and Matias Vernengo (eds) *The Means to Prosperity: Fiscal Policy Reconsidered* (Routledge: 2006) ISBN: 0415701562

“On Intellectual Property Rights: Patents vs. Free and Open Development,” with Walter G. Park, chapter 18 of *The Elgar Companion to the Economics of Property Rights*, 2004, pp. 383-413 (editor: Enrico Colom-batto).

“Inflation: Conflicting Claims Approach,” in Phillip Anthony O’Hara (ed.), *Encyclopedia of Political Economy*, Routledge, 1999, pp. 508-510.

“Fiscal Policy and the Natural Rate,” in A. Dutt (ed.), *New Directions in Analytical Political Economy* (London: Edward Elgar, 1994), pp. 33-48.

“Hysteresis,” in Philip Arestis and Malcolm Sawyer (eds.), *The Elgar Companion to Radical Political Economy* (London: Edward Elgar, 1994).