

KEVIN DOUGLAS HOOVER

ADDRESSES

ECONOMICS (primary mailing address and telephone)

Department of Economics
Duke University
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PHILOSOPHY

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Duke University
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HOME

5325 Orange Grove Road
Hillsborough, North Carolina 27278

PERSONAL DETAILS

Born May 3, 1955 in Washington, D.C.; married with two grown daughters; U.S. citizen.

EDUCATION

- 1973-77 *College of William and Mary*
A.B. with High Honors in Philosophy (1977)
Phi Eta Sigma - national freshman honor society (1974)
William and Mary/St Andrews Exchange Scholarship (1975)
Delta Phi Alpha - national German honor society (1976)
Phi Beta Kappa (1976)
Worshipful Company of Drapers scholarship to Oxford University (1977)
- 1975-76 *University of St Andrews*
Junior Year Abroad
Grieve Prize and Class Medal – best student in Moral Philosophy (1976)
- 1977-79 *University of Oxford (Balliol College)*
B.A. with First Class Honours in Philosophy, Politics, and Economics (1979)
M.A. (1983)
- 1981-85 *University of Oxford (Nuffield College)*
D.Phil in Economics (1985)
Thesis: *Causality and Invariance in the Money Supply Process.*
Advisor: *Peter M. Oppenheimer* (Christ Church)

PRIMARY ACADEMIC AND PROFESSIONAL POSTS

- 2006-present Duke University:
2006-present: Professor of Economics
2006-present: Professor of Philosophy

1985-present Department of Economics, *University of California, Davis*:
2006-present: Professor Emeritus.
1999-2006: Chair (sabbatical leave 2004-05)
1995-2006: Professor
1993-94: Acting Chair
1991-95: Associate Professor
1985-91: Assistant Professor
1983-85 Lecturer in Economics, *Lady Margaret Hall, Oxford University*
1981-84 Heyworth Prize Research Fellow, *Nuffield College, Oxford University*
1979-81 Research Associate, *Federal Reserve Bank of San Francisco*

SECONDARY ACADEMIC AND PROFESSIONAL POSTS

2020- Affiliate, Institute for the History and Philosophy of Science and Technology, University of Toronto
2008-present Senior Fellow, Center for the History of Political Economy at Duke University.
... 2017 Visiting Professor, University of Paris 1 (Panthéon-Sorbonne),
1998 Resident Scholar, Division of Research and Statistics, Board of Governors of the Federal Reserve System, (March)
1987-92 Consultant, Oxford Analytica
1991-92 Fellow, *National Humanities Center*, Research Triangle Park, North Carolina
1983 Visiting Economist, *Federal Reserve Bank of San Francisco* (Summer)
1981-83 Lecturer in Economics, *Balliol College, Oxford University*

AREAS OF INTEREST IN RESEARCH AND TEACHING

Causality: philosophical issues and applications in economics and econometrics
Methodology of economics and the philosophy of science applied to economics
Monetary and macroeconomics.
History of economic thought, especially the history of modern macroeconomics.
Pragmatism, especially the philosophy of C.S. Peirce

PROFESSIONAL AND ACADEMIC ACTIVITIES

PROFESSIONAL SOCIETIES

American Economic Association, 1981-present.
History of Economics Society, 1989-present:
Chair, Committee on the Reform of the History of Economics Society, 2015-2017
Joseph J. Spengler Award Committee (best book), 2010-2011
Nominating Committee, 1996; Chair, 2005
Committee for the best article, 1997
Vice-president, 2000-01
President-elect and conference organizer, 2001-02
President, 2002-03
Executive Committee, 2003-05
International Network for Economic Method, 1989-present:
Founding member, 1989
Chairman, 1999-2001
Membership Director, 2001-04

Chair, Nominating Committee 2008
Chair, Nominating Committee 2012
American Philosophical Association, 2006-present.
Philosophy of Science Association, 2006-present.
Charles S. Peirce Society, 2019-present.

EDITORIAL

History of Political Economy:

Editor, 2010-present

Associate Editor, 2006-2010

Journal of Economic Methodology (formerly *Methodus*):

Member, Board of Editors, 2006-present.

Associate Editor, 2005-2006

Editor, 1996-2005

Chair, Board of Editors 1994-1999

Book Review Editor, 1991-95

Social Sciences Research Network [SSRN]:

Editor, *ERN [Economic Research Network] Philosophy and Methodology of Economics eJournal* (also published under *PRN [Philosophical Research Network]*), 2010-present

Editor, *ERN [Economic Research Network] History of Economics eJournal*, 2006-present

Member, Scientific Committee, *Revue de Philosophie Economique*, 2006-present

Advisory Council, *Econ Journal Watch*, 2003-present

Associate Editor, *Journal of Economic Surveys*, 1995-present

Editorial Board, *Economics and Philosophy*, 2000-2010

Co-editor, *Critical Ideas in Economics Series*, Edward Elgar Publishing, Ltd., 1998-2002

Board of Editors, *Review of Political Economy*, 1993-present

Board of Editors, *Concise Encyclopedia of Economics*, Liberty Press (David Henderson, editor), 2002-2008

Board of Editors, *American Economic Review*, 1990-94

Board of Editors, *Series on Economic Methodology*, Edward Elgar Publishing, Ltd. (Warren Samuels, General Editor) 1991-99

COURSES TAUGHT AT OTHER INSTITUTIONS

Stanford University, Guest Lecturer, *History of Economic Thought* Lecture Series, 22 July 2021.

University of Zurich, course on *Reductionism and Anti-Reductionism in Economics*, 1-2 June 2018.

International Network for Economic Method Summer School, San Sebastian, Spain, July 2015

Royal Economic Society Easter School in Econometrics course on *Graphical Causal Models*, Oxford University, 7-9 April 2008

Netherlands Network of Economics (NAKE) course on the *Methodology of Empirical Macroeconomics*, University of Nijmegen, December 1997

REFEREEING AND REVIEWING MANUSCRIPTS AND PROPOSALS

JOURNALS

American Economic Review

Analysis

British Journal for the Philosophy of Science

Cambridge Journal of Economics

Canadian Journal of Economics

Contemporary Policy Issues

East Asian Science, Technology, and Society

Econ Journal Watch

Econometric Theory

Econometrica

Econometrics

Economic Inquiry

Economic Journal

*Economics: The Open-Access, Open-Assessment
E-Journal*
Economics Letters
Economic Modeling
Economics and Philosophy
Ekonomia
Empirical Economics
Erasmus Journal for the Philosophy of Economics
Erkenntnis
European Economic Review
European Journal of Political Economy
Feminist Economics
History of Economic Ideas
History of Political Economy
International Journal of Forecasting
International Studies in the Philosophy of Science
Japan and the World Economy
Journal of Applied Econometrics
Journal of Banking and Finance
*Journal of Business and Economic
Statistics*
Journal of Econometrics
Journal of Economic Education
Journal of Economic Dynamics and Control
Journal of Economic Literature
Journal of Economic Surveys
Journal of Economics and Business
Journal of the History of Economic Thought
Journal of International Economics
Journal of Machine Learning Research
Journal of Macroeconomics
Journal of Monetary Economics
Journal of Money, Credit and Banking
Journal of Political Economy
Journal of Social Ontology
*Journal of Systems Science and Systems
Engineering*
Journal of Time Series Econometrics
Louvain Economic Review

The Manchester School
The Monist
Nature Physics
Oxford Economic Papers
Oxford Bulletin of Economics and Statistics
Philosophy of Science
*Research in the History of Economic Thought
and Methodology*
Review of Political Economy
*Revue de Philosophie Économique/Review of
Economic Philosophy*
Scottish Journal of Political Economy
Southern Economic Journal
Studies in the History and Philosophy of Science
Studies in Nonlinear Dynamics & Econometrics
Synthese
Theoria

BOOKS

Basil Blackwell
Cambridge University Press
Edward Elgar
Oxford University Press
Prentice-Hall
Princeton University Press
Routledge
University of Florida Press

GRANT PROPOSALS AND MISCELLANEOUS

Deutsche Bundesbank
National Humanities Center
National Science Foundation
University Grants Committee, Hong Kong
Council for the Humanities of Netherlands
Organization for Scientific Research (NWO,
the Dutch Research Council).
National Bank of Austria

OTHER PROFESSIONAL AND ACADEMIC ACTIVITIES

Member of the Scientific Committee for the "Soul of Economics" conference, University of Zurich,
2019.
Member of the Program Committee for the Annual Conference of the International Network for
Economic Methodology, Helsinki Finland, 2019
Member of the INET [Institute for New Economic Thinking] Committee U.S. Economics Curriculum
Committee [project of George Soros's Open Society Institute], 2010
Advisory Board, Stirling Centre for Economic Methodology, University of Stirling, Scotland,
2003-present

Member of the Program Committee, Environment, Science and Public Policy," philosophy of conference to be held at the University of Sydney, Australia, 26-28 March 2009
Member of the Program Committee, Models and Simulations 3, philosophy conference to be held at the University of Virginia 5-7 March 2009
Co-organized *History of Political Economy 2008 Conference*, "Robert Solow and the Development of Growth Economics," 25-27 April 2008
Outside Reviewer for the Economics Department, University of Colorado, Denver, 2007
President, Kappa of California Chapter of Phi Beta Kappa, 2005-06
Outside Reviewer, Graduate Program of the Department of Economics, University of California, Riverside, 2002

SELECTED UNIVERSITY SERVICE AT DUKE UNIVERSITY

Chair, Interdisciplinary Search Committee in History of Economics, 2018-2019.
Member, Search Committee, Research Professor in History of Economics, 2018-2019.
Member, Provost's Committee on Tenure Standards, 2017-2018
Member, Committee on Appointments, Promotion, and Tenure, 2013-2016
Duke Center for the History of Political Economy:
Chair, Steering Committee, 2008-present.

SELECTED UNIVERSITY SERVICE AT THE UNIVERSITY OF CALIFORNIA, DAVIS

ACADEMIC SENATE

Ad Hoc Committee for Review of the Bylaws of the Davis Division of the Academic Senate, 1996
Committee on Elections, Rules, and Jurisdiction: Member 1997-1998, 2004-present; Chair 1999-2004
Executive Council, 1998-2004
Parliamentarian and *ex officio representative* to the Representative Assembly of the Davis Division, 1999-2004
College of Letters & Science Faculty Personnel Committee, 1998-99
Special Committee on Personnel Process Review, 2001
Personnel Appeals Review Committee, 2002
Systemwide Committee on Rules and Jurisdiction, 2000-04
Special Committee on Shared Governance and Senate Operations, 2003-05

ADMINISTRATION

Program Committee for the Program in Science and Technology Studies (formerly History and Philosophy of Science), 1997-present
Recruiting Committee for new faculty for the Program in History and Philosophy of Science, 1997-98
Editorial Board of *Dateline* (campus faculty/staff newsletter), 1997-1999
Recruiting Committee for position in political theory in the Department of Political Science, 1998-99
Chair of the Committee on the Provost's Initiative on the Quantitative Social Sciences, 1998-1999
Chair of the Committee on the Provost's Initiative on International Business Economics, 1999-2000

GRANTS

National Science Foundation, "Models and Causal Structure in Econometric Analysis," 2010-2012, \$177,282.
Trent Foundation, for a conference, "The Uses of Economics: Past and Future" 26-27 March 2010, \$1,000.
Arts & Sciences Research Council, for conference "Robert Solow and the Development of Growth Economics" 25-27 April 2008, \$3,000.

Trent Foundation, for conference “Robert Solow and the Development of Growth Economics” 25-27 April 2008, for \$5,000.

National Science Foundation, for research on causality in macroeconomics, 1993-95

National Endowment for the Humanities Fellowship at the National Humanities Center 1991-92

Regular recipient of University of California Faculty Research Grants and Travel Grants

PH.D STUDENTS SUPERVISED

DUKE UNIVERSITY

CHAIR OF COMMITTEE

Kobi Finestone, Philosophy Department, in progress.

Lok Chan, Philosophy Department, *Deliberative Bayesianism: Abduction, Reflection, and the Weight of Evidence*, 2018.

Pedro Garcia Duarte, Economics Department, “Constructing Concepts of Optimal Monetary Policy in the Postwar Period,” 2007.

MEMBER OF COMMITTEE

Rafael Ventura, Philosophy Department, “Evolutionary Models of Language: A Methodological and Philosophical Study,” 2018.

Gordon Steenbergen, Philosophy Department, “Understanding Cognition,” 2015.

Robert Williams, “Peircian Naturalism,” Philosophy Department, 2013.

Nathan D. Morton, Philosophy Department, “Articulating the Core Realist Commitment,” 2013.

Andrés Luco, Philosophy Department, “Duty’s Dominion: Norms, Human Interests, and the Rationality of Virtue,” 2009

OTHER UNIVERSITIES

Soroush Marouzi, Member of Committee, University of Toronto, in progress.

Daniel Malinsky, Member of Committee, Carnegie Mellon University, “Data-driven causal modeling for policy,” 2017.

François Claveau, Co-supervisor, Erasmus University Rotterdam, “Causal Reasoning in Economics: A Selective Exploration of Semantic, Epistemic, and Dynamical Aspects,” 2012.

UNIVERSITY OF CALIFORNIA, DAVIS

CHAIR OF COMMITTEE

Piyachart Phiomswad, “Three Essays on the Causality Approach to Modeling Long-Term Economic Growth,” 2007

Ryan Brady, “Consumer Credit and the Efficacy of Monetary Policy,” 2005

Derek Stimel, “Examining the Role of Cyclical Factors in the Phillips Curve,” 2005

Sharmila Kumari King, “The Formulation of Monetary Policy and the Transmission Mechanism in Europe,” 2001

Selva Demiralp, “The Structure of Monetary Policy and Transmission Mechanism,” 2000

Matthew Rafferty, “The Influence of Changes in Demand on the Rate of Long-Run Growth: The R&D Channel,” 1997

Stephen Perez, “An Investigation into the Role of Bank Loans in the Real Economy,” 1994

Clinton Greene, “Monetary Theory, Dynamic Adjustment and Econometric Practice,” 1992

MEMBER OF COMMITTEE

James Woods, “An Exploration of Evolutionary Methods in Macroeconomics,” 2003

Kristin Van Gaasbeck, “Monetary Policy Rules: Theory and Applications,” 2002

Derek Hung Chat Chen, “Intertemporal Excess Burden, Bequest Motives, Informal Support, and the Budget Deficit,” 2001

Charles Haase, “The Macroeconomic Effects of Rule-of-Thumb Consumption Behavior,” 1998

Mark Siegler, "Real Output and Business Cycle Volatility 1869-1993: U.S. Experience in International Perspective," 1997
Christopher Kavalec, "Consumption, Expectations, and Political Unrest," 1995
James Hartley, "Technology in Macroeconomic Models," 1994
Kirk Elwood, "Income Decomposition and the Permanent-Income Hypothesis," 1993
Kailash Khandke, "Elections and Politics: An Analysis of Political Parties, Elections, and Macroeconomic Performance in the Indian Economy," 1993
Ronald McNamara, "Inferring Long-run Relations in Macroeconomic Data," 1993
Xiaonian Xu, "Essays on Liquidity Constraints: Aggregation and the Permanent-Income Hypothesis," 1992
Shiu-Tang Wang, "Taiwan's Persistent Trade Surplus: The Policy Choices," 1989

SERVICE AS EXAMINER

Arthur Brackman Netto, University of São Paulo, "Experiments in the Armchair: A History of Microeconometrics and Program Evaluation at Princeton," 6 October 2021.
Juan Carlos Acosta, University of Lille, France, "Essays on the History of Macroeconometric Modeling and the Evolution of Economic Analysis at the Federal Reserve," 2019.
Erich Pinzón-Fuchs, Ph.D, University of Paris 1 University of Paris 1 (Panthéon-Sorbonne), "Economics as a "tooled" discipline: Lawrence R. Klein and the making of macroeconometric modeling, 1939-1959," 2017.
Mattia Guerini, Ph.D, Scuola Superiore Sant'Anna, Pisa, Italy, "Essays on Macroeconomic Dynamics: A Complex System Perspective, 2016.
Beatrice Cherrier, Habilitation, "L'essor de l'économie appliquée des années 1960 aux années 2000" ["The Rise of Applied Economics from the 1960s to the 2000s"], University of Caen, France, 2016.
Romain Plassard, Ph.D. University of Lille, France, "Searching for Alternative Microfoundations: A Study of R.W. Clower's Contributions (1949-1975)," 2016.
Tyler DesRoches, Ph.D, University of British Columbia, "The World as a Garden: A Philosophical Analysis of Natural Capital in Economics," 2015.
Morten Tabor, University of Copenhagen, "Essays on Imperfect Knowledge Economics, Structural Change, and Persistence in the Cointegrated VAR Model," 2013.
Hsiang-Ke Chao, University of Amsterdam, "Representation and Structure in Economics: The Methodology of Econometric Models of the Consumption Function," 2002.

CONFERENCES ORGANIZED

Organized, "History of Modern Macroeconomics Workshop," Duke University, 23-27 July 2018.
Organized, "The Uses of Economics: Past and Future," conference and celebration of the 40th anniversary of *History of Political Economy* and its editor, Craufurd Goodwin, 26-27 March 2010
Co-organized (with Mauro Boianovsky) "Robert Solow and the Development of Growth Economics," 20th Annual *History of Political Economy* Conference, Duke University, 25-27 April 2008
Co-organized (with Michel DeVroey) "The IS/LM Model: Its Rise, Fall, and Strange Persistence," 15th Annual *History of Political Economy* Conference, Duke University, 25-27 April 2003
Organized the annual conference of the History of Economics Society, 5-8 July 2002
Organized the meetings of the International Network for Economic Method, Vancouver, B.C., Canada, 30 June 2000

PRESENTATIONS AT CONFERENCES AND INVITED SEMINARS

CONFERENCES

"Karl Brunner's Philosophy of Science: Macroeconomics through the Lens of Logical Empiricism," International Network for Economic Method Biannual Conference, University of Helsinki, Finland, 19-21 August 2019.

- Workshop on the History and Future of the *Journal of Economic Methodology*, University of Helsinki, Finland, 18 August 2019.
- "The Struggle for the Soul of Economics," Conference on "The Soul of Economics," University of Zurich, Switzerland, 9-11 September 2019.
- "Karl Brunner's Philosophy of Science: Macroeconomics through the Lens of Logical Empiricism," History of Economics Society Annual Meeting, Columbia University, 21-23 June 2019.
- Commentary on Weyma Lübke's "The Life You Don't Save: Reflections on the Causal Element in the Notion of a Decision's Consequences," *Journal of Institutional and Theoretical Economics* Conference, Porto, Portugal, 6-8 June 2019.
- "Karl Brunner's Philosophy of Science: Macroeconomics through the Lens of Logical Empiricism," European Society for the History of Economic Thought Annual Conference, University of Lille, France, 23-25 May 2019.
- "Karl Brunner's Philosophy of Science: Macroeconomics through the Lens of Logical Empiricism," Symposium on Karl Brunner and Monetarism, Swiss National Bank, Zurich, 29-30 October 2018
- "The VAR Counter-revolution (1980-1995)," History of Modern Macroeconomics Workshop, Duke University, 23-27 July 2018
- "Microfoundations (1945-1970)," History of Modern Macroeconomics Workshop, Duke University, 23-27 July 2018
- "Phelps and the Phillips Curve," Annual Conference of the History of Economics Society, Loyola University of Chicago, 14-17 June 2018
- "Remembering Craufurd Goodwin," Annual Conference of the History of Economics Society, Loyola University of Chicago, 14-17 June 2018
- "Analogy and Inference: Peirce, Economics, and Ricardian Inference," Workshop on the History of Economics, University of Lausanne, 4 June 2018
- "Are There Institutional Constraints that Limit Innovation in Academic Macroeconomics?" Workshop on Sociology of Economics and Economic Institutions in Program on Rebuilding Macroeconomics, National Institute of Economic and Social Research, London, 17 November 2017.
- "Models, Truth, and Analytic Inference in Economics," TINT workshop on "What to Make of Highly Unrealistic Models?" University of Helsinki, 12-13 October 2017.
- "A Countercultural Methodology: Caldwell's *Beyond Positivism* at Thirty-five," History of Economics Society Annual Meeting, Toronto, 22-25 June 2017.
- "Searching for Causal Structure," Keynote Address, 21st International Conference on Macroeconomic Analysis and International Finance, University of Crete, Rethymno 25-27 May 2017.
- "Reshaping the Face of Empirical Macroeconomics: The Rise of VAR Analysis," Conference on the History of Macroeconometric Modeling, University of Utrecht, April 6-7, 2017
- "Charles S. Peirce and the Science of Economics," PHARE, University of Paris 1 (Panthéon-Sorbonne), 24 March 2017.
- "Models, Truth, and Analytic Inference in Economics," Department of Economics, University of Caen, 20 March 2017.
- "Models, Truth, and Analytic Inference in Economics," *Cercle épistémologie économique*, University of Paris 1 (Panthéon-Sorbonne), 16 March 2017.
- "Who Runs the AEA? A Preliminary Analysis," American Economic Association Annual Meeting, Chicago, 8 January 2017.
- "Models, Truth, and Analytic Inference in Economics," invited lecture, Workshop on "The History of Modeling Practices in Macroeconomics," University of Lille, 13 October 2016.
- Panelist in Roundtable on Michel DeVroey's *A History of Macroeconomics from Keynes to Lucas and Beyond*, History of Economics Society Annual Conference, Duke University, 17-20 June 2016.
- "First Principles, Fallibilism, and Economics," invited lecture, Conference on "First Principles in Science" at Ludwig-Maximilians University, Munich, Germany, 10-11 June 2016
- "Models, Truth, and Analytic Inference in Economics," keynote lecture at Conference on "Explanation, Normativity, and Uncertainty in Economic Modelling," London School of Economics, 16-17 March 2016.

- “On the Reception of Haavelmo’s Econometric Thought,” plenary session for the Best Paper in the History of Economic Thought, 2015, History of Economics Society Annual Conference, Michigan State University, 26 June 2015.
- Commentator, Workshop on Scott Scheall's “Politics as a Knowledge Problem: F.A. Hayek and the Epistemic Burden of Policymaking,” Marcatus Center, George Mason University, 18-19 June 2015.
- “A New Perspective on the History of Macroeconomics,” “Magisterial Lecture,” Bocconi University, Milan
- “Long-run Causal Structure: A Progress Report,” invited lecture, Econometrics Conference, Programme for Economic Modelling, University of Oxford, 1-2 September 2014
- “Reductionism in Economics: Causality and Intentionality in the Microfoundations of Macroeconomics,” keynote speaker, Annual Conference of the Italian Association for the History of Political Economy (STOREP), 26-28 June 2014
- “Charles S. Peirce on the Science of Economics,” Charles S. Peirce International Centennial Congress, University of Massachusetts, Lowell, 16-19 July 2014
- “Charles S. Peirce on the Science of Economics,” History of Economics Society Annual Conference, University of Quebec at Montreal, 20-22 June 2014
- “The Ontological Status of Shocks and Trends in Macroeconomics,” Conference: Models and Simulations 6, University of Notre Dame, 9-11 May 2014
- “Reductionism in Economics: Causality and Intentionality in the Microfoundations of Macroeconomics,” Conference on Reduction and Emergence in the Sciences,” plenary lecture, Center for Advanced Studies, Ludwig-Maximilians University, Munich, 13-16 November 2013
- “The Causal Structure of the Vector Autoregression in Economics: A Case Study,” invited lecture, Workshop: Case Studies of Causal Discovery with Model Search,” Carnegie Mellon University, 25-27 October 2013
- “Mathematical Economics Comes to America: Charles S. Peirce’s Engagement with Cournot’s *Recherches sur les Principes Mathématiques de la Théorie des Richesses*,” Annual Conference of the History of Economics Society, 20-22 June 2013
- Panelist in roundtable with the author on Mary S. Morgan’s, *The World in the Model: How Economists Work and Think*, Annual Conference of the History of Economics Society, 20-22 June 2013
- “The Ontological Status of Shocks and Trends in Macroeconomics,” Conference on Ontology and Methodology, Virginia Tech, 4-5 May 2013
- “Comments on David F. Hendry’s ‘Deciding Between Alternative Approaches,’” ESRC-Oxford Martin School International Macro Symposium, Oxford University, 1-2 October 2012
- “The Role of Hypothesis Testing in the Molding of Econometric Models,” Models and Simulations 5, University of Helsinki, plenary lecture, 14-16 June 2012
- “Man and Machine in Macroeconomics,” plenary lecture, XIV Colloque de l’Association Charles Gide pour l’étude de la pensée économique, l’Université de Nice-Sophia Antipolis, 7-9 Juin 2012
- “Collective Decision-Making at the Federal Reserve,” in the conversations on the Logic of Collective Decision-Making, National Humanities Center, Research Triangle Park, North Carolina, 13-14 January 2012
- “The Role of Hypothesis Testing in the Molding of Econometric Models,” keynote lecture, Tilburg-Madrid Conference, Statistics and Scientific Method I: The Controversy about Hypothesis Testing, 15-16 December 2011
- “On the Reception of Haavelmo’s Econometric Thought,” invited lecture, The Trygve Haavelmo Centennial Symposium University of Oslo, Oslo 13-14 December 2011
- “The Leadership Hierarchy of the American Economics Association: Beyond Casual Empiricism,” Workshop on Methodology, Systemic Risk, and the Economics Profession Washington Duke Inn, Durham, North Carolina December 9-10, 2011
- “Rational Expectations at 50,” Southern Economic Association Meetings, 21 November 2011
- “Observing Shocks,” Department of Economics, University of Copenhagen, 30 September 2011

- "Pragmatism, Perspectival Realism, and Econometrics," *Economics for Real: Fest for Uskali Mäki*, University of Helsinki, 4 September 2011
- "Causal Structure and Hierarchies of Models," IXth conference of the International Network for Economic Method, University of Helsinki, 1-3 September 2011
- "Commentary on 'Large-Scale Asset Purchases by the Federal Reserve: Did They Work?' by Joseph Gagnon, Matthew Raskin, Julie Remache, and Brian Sack. Conference on Quantitative Easing, Federal Reserve Bank of St. Louis, 30 June 2011
- "Observing Shocks," in *Histories of Observation in Economics, History of Political Economy* Conference, Duke University, 16-18 April 2011
- "Identity, Structure, and Causal Representation in Scientific Models," the *Professor Chung-Hsiung Lin Memorial Lecture* of the Taiwan Economic Association in the *Taiwan Conference on the Philosophy of Biology and Economics* at the National Tsing Hua University, Hsinchu, Taiwan, 24-25 March 2011
- "Rational Expectations: Retrospect and Prospect: A Panel Discussion with Michael Lovell, Robert Lucas, Dale Mortensen, Robert Shiller, and Neil Wallace," History of Economics Society session at the Allied Social Sciences Association (ASSA) meetings in Denver, 7 January 2011
- "Man and Machine in Macroeconomics," public lecture in series *New Directions in Economics*, Boston University, 17 November 2010
- "Causal Structure and Levels of Explanation," plenary speaker at Conference on Causality in the Biomedical and Social Sciences, Erasmus University, Rotterdam, 6-8 October 2010
- "Microfoundational Programs," Department of Economics, University of Copenhagen, 4 June 2010.
- "Microfoundational Programs," History of Economics Society session at the Allied Social Sciences Association Meetings, 3 January 2010
- "Microfoundational Programs," invited lecture, First International Symposium on the History of Economic Thought (ISHET), *The Integration of Micro and Macroeconomics from a Historical Perspective*, University of São Paulo, Brazil, 3-5 August, 2009
- "Was Harrod Right?" invited lecture, 10th annual Summer Institute for the History of Economic Thought, University of Richmond, 19-22 June 2009
- "Identity, Structure, and Causation in Economic Models," invited lecture, Conference on Modeling the World: Perspectives from Biology and Economics, University of Helsinki, 28-30 May 2009
- "Was Harrod Right?" invited lecture, 5th International Keynes Conference: On Modern Finance and Keynes, Sophia University, Tokyo, 17-18 March 2009
- "Was Harrod Right?" History of Economics Society session at the Allied Social Science Association Meeting, San Francisco, CA, 3-5 January 2009
- "Probability and Structure in Econometric Models," invited lecture, *Teller Fest*, conference to honor the retirement of Paul Teller, Department of Philosophy, University of California, Davis, 17-18 October 2008
- "A Graphical Approach to Causality in Econometrics," and "The Nature of Macroeconomics," two invited keynote lectures, *Statistics Days*, Statistics Norway, Oslo, 25-26 September 2008
- "Monetary Policy and the Philosophy of Science," Workshop on Philosophy of Science and Evidence Relevant for Public Policy, Foundation on Experimental Reasoning, Reliability, and the Objectivity, and Rationality of Science and the Department of Philosophy, Virginia Tech, 27-29 June 2008
- "Was Harrod Right?" Canadian Economic Association Annual Meetings, Vancouver, B.C 6-8 June 2008
- "Idealized Reduction: The Microfoundations of Macroeconomics," plenary speaker, Sydney-Tilburg Conference on Reduction and the Special Sciences, University of Tilburg, the Netherlands, 10-12 April 2008
- "A Graphical Approach to Causality in Econometrics," invited lecture, 8th Missouri Economics Conference, University of Missouri, Columbia, 29-30 March 2008
- "Allowing the Data to Speak Freely: The Macroeconomics of the Cointegrated Vector Autoregression," American Economic Association Annual Meeting (ASSA meetings), New Orleans, 4-6 January 2008

- "Empirical Identification of the Vector Autoregression: The Causes and Effects of U.S. M2," invited lecture, Conference in Honour of David Hendry, St. Catherine's College, Oxford, 25-27 August 2007
- "Probability and Structure in Econometric Models," invited lecture, 13th Congress on Logic, Methodology, and the Philosophy of Science," Beijing, China, 8-15 August 2007
- "The Vanity of the Economist: A Comment on Peart and Levy's "The 'Vanity of the Philosopher,'" History of Economics Society Conference, Grinnell College, Grinnell, IA, 23-25 June 2006
- "Sound and Fury: McCloskey and Significance Testing in Economics," International Network for Economic Method Conference, Grinnell College, Grinnell, IA, 22-23 June 2006
- "Microfoundations and the Ontology of Macroeconomics," conference on Issues in the Philosophy of Economics, University of Alabama, Birmingham, 19-21 May 2006
- "Doctor Keynes: Economic Theory in a Diagnostic Science," History of Economics Society annual conference, University of Puget Sound, Tacoma, WA, 24-27 June 2005
- "A NeoWicksellian in a New Classical World: The Methodology of Michael Woodford's *Interest and Prices*," History of Economics Society Conference, Victoria University, Toronto, 25-28 June 2004
- "The Past as the Future: The Marshallian Approach to Post-Walrasian Econometrics," Conference on Post Walrasian Macroeconomics, Middlebury College, 30 April - 2 May 2004.
- "Milton Friedman's Stance: The Methodology of Causal Realism," conference on "The Methodology of Positive Economics: Milton Friedman's Essay at 50," Institute of Economics and Philosophy (EIPE), Erasmus University, Rotterdam 12-13 December 2003.
- Keynote Tinbergen Lecture ("Searching for the Causal Order of a Vector Autoregression") at the Economic Research Center/Middle East Technical University Conference in Economics VII, Ankara, Turkey, 6-9 September 2003
- "Lost Causes," presidential address to the History of Economics Society annual conference, Duke University, 4-7 July 2003
- "Searching for the Causal Order of a Vector Autoregression," plenary speaker, European Community Econometrics Conference (EC)², University of Bologna, 13-14 December 2002
- "Alternative Approaches to Causal Inference in Economics," plenary speaker, International Congress on Causation and Explanation in the Natural and Social Sciences," 15-18 May 2002
- "Interpreting the Structural VAR," conference on "Teaching Economics and Econometrics: Is There a Common Ground" at Copenhagen University, 22-23 March 2002
- "Bridging Economics and Econometrics: Empirical Applications and Econometric Methods," conference at the European University Institute, Florence, Italy, 6-9 June 2001
- Conference on Monetary Policy in Theory and Practice, Federal Reserve Bank of St. Louis's, 19-20 October 2000
- "The Age of Measurement," conference of the *History of Political Economy*, Duke University, 28-30 April 2000
- Meetings of the International Network for Economic Method (ASSA Meetings), Boston, 7-9 January 2000
- Meetings of the History of Economics Society, University of North Carolina, Greensboro, 25-28 June 1999
- "Theory and Evidence in Macroeconomics," conference of the University of Bergamo, 15-17 October 1998
- "Complexity and the Teaching of Economics," 19th Annual Middlebury College Conference on Economic Issues, 4-5 April 1998
- "Fact Fiction? Perspectives on Realism in Economics," Erasmus Institute for Economics and Philosophy, Erasmus University, Rotterdam, 14-15 November 1997
- "Experiment in Applied Econometrics," conference of the Center for Economic Research, Tilburg University, 14-17 December 1996
- "The Nature of Economics," conference of the International Economic Association Conference, Bergamo, Italy, 17-19 June 1996
- Meetings of the American Economic Association, Washington, D.C. 6-8 January 1995

Conference on Monetary Policy, Federal Reserve Bank of St. Louis, 20-21 October 1994
Meetings of the History of Economics Society, Babson College, Babson Park, Massachusetts, 10-13 June 1994
“Fiscal Crises in Historical Perspective,” conference of the All U.C. Group in Economic History, 8-10 April 1994
“New Perspectives on Keynes,” conference of the *History of Political Economy*, Wake Forest University, 1-2 April 1994
Meetings of the American Economic Association, Boston, Massachusetts, 2-5 January 1994
Malvern Political Economy Conference, Great Malvern, England, 10-12 August 1993
Meetings of the Western Economic Association, Lake Tahoe, California 24 June 1993
“Transitions of Socialist Economies,” conference of the Asia Foundation, San Francisco, California, 6 May 1993
Meetings of the American Economic Association, Anaheim, California, 5-7 January 1993
All-U.C. Group in Economic History, Fall Conference, Berkeley, California 13-15 November 1992
Meetings of the British Society for the Philosophy of Science, King's College, London, 21 September 1991
“Idealization in Economics,” conference of Tilburg University, the Netherlands, 1-3 July 1991
The Cato Institute's Ninth Annual Monetary Conference, Washington, D.C., 21 February 1991
Meetings of the American Economic Association, Washington, D.C., 29 December 1990
Federal Reserve Bank of San Francisco's Fall Academic Conference, 15 November 1990
Meetings of the History of Economics Society, Washington and Lee University, Lexington, Virginia, 24 June 1990
“Alternative Research Programmes in Recent Economics,” conference, Capri, Italy, 16-19 October 1989
Meetings of the History of Economics Society, University of Richmond, Richmond, Virginia, 11 June 1989

DEPARTMENT SEMINARS

Board of Governors of the Federal Reserve System, International Finance Division
Board of Governors of the Federal Reserve System, Division of Research and Statistics
California State University, Fresno
California State University, Hayward
Carnegie-Mellon University
Claremont Graduate University/Claremont McKenna College
Duke University
Erasmus University Rotterdam
European Central Bank
Federal Reserve Bank of Kansas City
Federal Reserve Bank of St. Louis
George Mason University
James Madison University
Koç University, Istanbul
London School of Economics
North Carolina State University, Raleigh
Old Dominion University
Oxford University, Nuffield College
Oxford University, Department of Economics
Université Catholique de Louvain (Louvain-la-Neuve, Belgium)
University of Amsterdam
University of California, Berkeley, Economics Department
University of California, Berkeley, Agricultural and Resource Economics Department
University of California, Irvine
University of California, Los Angeles, Economics Department
University of California, Los Angeles, Computer Science Department
University of California, Riverside

University of California, San Diego, Economics Department
University of California, San Diego, Philosophy Department
University of California, Santa Barbara
University of Copenhagen
University of Georgia
University of Hawaii
University of Kansas
University of Missouri, St. Louis
University of North Carolina, Chapel Hill
University of Quebec at Montreal
University of Southern California
Vanderbilt University
Virginia Polytechnic Institute and State University
Wake Forest University
Washington State University

PUBLICATIONS

BOOKS

Applied Intermediate Macroeconomic, Cambridge University Press, 2012. [Chinese translation, 2015]
The Methodology of Empirical Macroeconomics. Cambridge: Cambridge University Press, 2001. Chapter 3 (“Does Macroeconomics Need Microfoundations?”) reprinted in Daniel M. Hausman, editor. *The Philosophy of Economics*, 3rd. ed. Cambridge: Cambridge University Press, 2008.
Causality in Macroeconomics. Cambridge: Cambridge University Press, 2001.
The New Classical Macroeconomics: A Sceptical Inquiry. Oxford: Basil Blackwell, 1988.

EDITED VOLUMES

The Uses of Economics: Past and Future, special issue of *History of Political Economic*, 2011.
Robert Solow and the Development of Growth Economics. Duke University Press (with M. Boianovsky), 2009.
The IS-LM Model: Its Rise, Fall, and Strange Persistence. Duke University Press (with M. De Vroey), 2005.
The Legacy of Robert Lucas, three volumes. Aldershot: Edward Elgar, 1999.
Real-Business-Cycle Models: A Reader. London: Routledge, (with J. Hartley and K. Salyer), 1998.
Macroeconometrics: Development, Tensions and Prospects. Dordrecht: Kluwer, 1995.
Monetarism and the Methodology of Economics: Essays in Honour of Thomas Mayer. Aldershot: Edward Elgar, (with S. Sheffrin), 1995.
The New Classical Macroeconomics, three volumes, in *The International Library of Critical Writings in Economics*. Aldershot: Edward Elgar, 1992.

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In Press

“The Struggle for the Soul of Economics,” *Journal of Economic Methodology*, in press.
“Models, Truth, and Analytic Inference in Economics,” in John Davis, Bruce Caldwell, Uskali Mäki, and Esther-Mirjam Sent, editors. *Methodology and History of Economics: Reflections with and without Rules*, London: Routledge, in press.

"Karl Brunner's Philosophy of Science: Macroeconomics through the Lens of Logical Empiricism," in Thomas Moser and Marcel Savioz, editors. *Karl Brunner and Monetarism*. Cambridge, MA: MIT Press, in press.

"Review of Esteban Pérez Caldentey's *Roy Harrod*," *Journal of the History of Economic Thought*, in press.

2020

"Ricardian Inference: Charles S. Peirce, Economics, and Scientific Method," *Transactions of the Charles S. Peirce Society*, 56(4), Fall 2020, pp. 521-557 (with James Wible).

"The Discovery of Long-Run Causal Order: A Preliminary Investigation," *Econometrics* 8(3), 31, 3 August 2020, pp. 1-25: <https://doi.org/10.3390/econometrics8030031>.

"The Economics of Trade Liberalization: Charles S. Peirce and the Spanish Treaty of 1884," *European Journal for the History of Economic Thought*. DOI: 10.1080/09672567.2020.1805483, published online 12 August 2020 (with James Wible).

"The Life you do Not Save: Reflections on the Causal Element in the Notion of a Decision's Consequences: Comment," *Journal of Institutional and Theoretical Economics*, 176(1), 169-174, ISSN 0932-4569, DOI: 10.1628/jite-2020-0019

2019

"Craufurd D. W. Goodwin," *History of Political Economy*, 51(1), pp. 11-22.

"Keynes and Economics," part III of "John Maynard Keynes of Bloomsbury: Four Short Talks," *History of Political Economy*, 51(1), pp. 83-88.

"Craufurd Goodwin: Economist as Collector," *History of Political Economy*, 51(1), pp. 187-191.

2018

"First Principles, Fallibilism, and Economics," *Synthese*, November 2018, DOI <https://doi.org/10.1007/s11229-018-02021-8> (share: <https://rdcu.be/bY29E>).

"A Countercultural Methodology: Caldwell's *Beyond Positivism* at Thirty-five," *Research in the History of Economic Thought and Methodology*, 2018.

2017

"Situational Analysis," in Lee McIntyre and Alex Rosenberg, editors. *The Routledge Companion to Philosophy of Social Science*. London: Routledge, 2017, pp. 182-190.

2016

"The Crisis in Economic Theory: A Review Essay," *Journal of Economic Literature*, 54(4), December 2016, pp. 1350-1361.

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"Mathematical Economics Comes to America: Charles S. Peirce's Engagement with Cournot's *Recherches sur les Principes Mathématiques de la Théorie des Richesses*," *Journal of the History of Economic Thought* 37(4), 2015, pp. 511-536 (with James Wible).

"Macroeconomics, History of From 1933 to Present," in *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition. Amsterdam: Elsevier, pp. 400-405.

"Reductionism in Economics: Intentionality and Eschatological Justification in the Microfoundations of Macroeconomics," *Philosophy of Science* 82(4), (October 2015), pp. 689-711.

"Solow's Harrod: Transforming Cyclical Dynamics into a Model of Long-run Growth," *European Journal of the History of Economic Thought*, 2015; DOI: 10.1080/09672567.2014.1001763 (with Verena Halsmayer).

"The Genesis of Samuelson and Solow's Price-Inflation Phillips Curve: Rejoinder to Hall and Hart," *History of Economics Review* 61(Winter), 2015, pp. 1-16.

"The Genesis of Samuelson and Solow's Price-Inflation Phillips Curve," *History of Economics Review* 61(Winter), 2015, pp. 23-26.

"Trygve Haavelmo's Experimental Methodology and Scenario Analysis in a Cointegrated Vector Autoregression," *Econometric Theory*, 31(2), 2015, pp. 249-274 (with Katarina Juselius).

2014

"In the Kingdom of Solovia: The Rise of Growth Economics at MIT, 1956-1970," E. Roy Weintraub, editor. *MIT and the Transformation of American Economics, History of Political Economy* 46(supplement), December 2014, 198-228, (with Mauro Boianovsky).

"Man and Machine in Macroeconomics," *Cahiers d'Economie Politique/Papers in Political Economy* 2(67), 2014, pp. 15-34.

"The Ontological Status of Shocks and Trends in Macroeconomics," *Synthese*, DOI 10.1007/s11229-014-0503-5, 2014.

"On the Reception of Haavelmo's Econometric Thought," *Journal of the History of Economic Thought* 36(1), March 2014, 45-65. [Winner of the History of Economics Society's Prize for the Best Article in History of Economic Thought, 2015]

"Still Puzzling: Evaluating the Price Puzzle in an Empirically Identified Structural Vector Autoregression" in *Empirical Economics*, 2014 46(2), pp. 701-731 (with S. Demiralp and S. Perez).

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"The Role of Hypothesis Testing in the Molding of Econometric Models," *Erasmus Journal for the Philosophy of Economics* 6(2), Autumn 2013, pp. 42-65.

"Identity, Structure, and Causal Representation in Scientific Models," in Hsiang-Ke Chao, Szu-Ting Chen, and Roberta Millstein, editors. *Towards the Methodological Turn in the Philosophy of Science: Mechanism and Causality in Biology and Economics*, 2013, pp. 35-57.

"Rational Expectations: Retrospect and Prospect: A Panel Discussion with Michael Lovell, Robert Lucas, Dale Mortensen, Robert Shiller, and Neil Wallace," *Macroeconomic Dynamics*, 2013, pp. 1169-1192 (with W. Young).

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"Observing Shocks," in Harro Maas and Mary Morgan, editors. *Histories of Observation in Economics* supplementary conference volume to *History of Political Economy* 44(5) pp. 226-249. Durham, NC: Duke University Press, 2012 (with P.G. Duarte).

"Causal Structure and Hierarchies of Models," *Studies in History and Philosophy of Biological and Biomedical Sciences* (2012), <http://dx.doi.org/10.1016/j.shpsc.2012.05.007>.

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"Microfoundational Programs," in Pedro Garcia Duarte and Gilberto Lima Tadeu, editors. *Microfoundations Reconsidered: The Relationship of Micro and Macroeconomics in Historical Perspective*. Cheltenham: Edward Elgar, 2012, pp. 19-61.

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"Minisymposium: Methodological Implications of the Financial Crisis: Introduction," *Journal of Economic Methodology* 17(4), December 2010, 397-398.

"Idealizing Reduction: The Microfoundations of Macroeconomics," *Erkenntnis* 73(3), 2010, 329-347.

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"Probability and Structure in Econometric Models" in *The Proceedings of the 13th International Congress of Logic, Methodology and Philosophy of Science*. London: King's College Publications, 2009, pp. 497-513.

"The Neoclassical Growth Model and 20th Century Economics," in Mauro Boianovsky and Kevin D. Hoover, editors. *Robert Solow and the Development of Growth Economics*. Duke University Press, 2009.

"Empirical Identification of the Vector Autoregression: The Causes and Effects of U.S. M2," *The Methodology and Practice of Econometrics: A Festschrift in Honour of David F. Hendry*. Oxford: Oxford University Press, pp. 37-58 (with S. Demiralp and S. Perez).

"Milton Friedman's Stance: The Methodology of Causal Realism," in Uskali Mäki, editor, *The Methodology of Positive Economics: Reflections on the Milton Friedman Legacy*. Cambridge: Cambridge University Press, 2009.

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"The Vanity of the Economist: A Comment on Peart and Levy's 'The "Vanity of the Philosopher"'," *American Journal of Economics and Sociology*. Also issue in book form in Laurence S. Moss, editor. *Social Inequality, Analytical Egalitarianism and the March Towards Eugenic Explanations in the Social Sciences*. Chichester: Wiley-Blackwell, 2008, pp. 51-60..

"A Bootstrap Method for Identifying and Evaluating a Structural Vector Autoregression," *Oxford Economic Papers* 70(4), 2008, 509-533 (with S. Demiralp and S. Perez).

"Allowing the Data to Speak Freely: The Macroeconomics of the Cointegrated Vector Autoregression," *American Economic Review* 98(2), 2008, 251-255 (with K. Juselius and S. Johansen).

"Sound and Fury: McCloskey and Significance Testing in Economics," *Journal of Economic Methodology* (with M. Siegler).

"The Rhetoric of 'Signifying Nothing': A Rejoinder to Ziliak and McCloskey," *Journal of Economic Methodology* (M. Siegler).

"Causality in Economics and Econometrics," *The New Palgrave Dictionary of Economics*, 2nd edition, Steven Durlauf, editor.

2007

"Clive W. G. Granger (1934-)," *The Concise Encyclopedia of Economics*, David Henderson, editor.

"Monetary Policy" [revision of an article by James Tobin], *The Concise Encyclopedia of Economics*, David Henderson, editor.

"The New Classical Macroeconomics," *The Concise Encyclopedia of Economics*, David Henderson, editor.

"The Phillips Curve," *The Concise Encyclopedia of Economics*, David Henderson, editor.

2006

"Econometric Methodology," *The Palgrave Handbook of Econometrics*, Kerry Patterson, editor.

"Doctor Keynes: Economic Theory in a Diagnostic Science," *Cambridge Companion to Keynes*, Roger Backhouse and Bradley Bateman, editors.

"The Past as Future: The Marshallian Approach to Post-Walrasian Econometrics," in David Colander, editor, *Post Walrasian Macroeconomics: Beyond the Dynamic Stochastic General Equilibrium Model*. Cambridge: Cambridge University Press.

"A NeoWicksellian in a New Classical World: The Methodology of Michael Woodford's *Interest and Prices*," *Journal of the History of Economic Thought*.

2005

"Quantitative Evaluation of Idealized Models in the New Classical Macroeconomics," Martin R. Jones and Nancy Cartwright, editors. *Idealization XII: Correcting the Model. Idealization and Abstraction in the Sciences. Poznan Studies in the Philosophy of Science and the Humanities*, 2005.

"Automatic Inference of the Contemporaneous Causal Order of a System of Equations," *Econometric Theory*, 2005.

2004

"Truth and Robustness in Cross-Country Growth Regressions," *Oxford Bulletin of Economics and Statistics* (with S. Perez), 2004.

"Lost Causes," *Journal of the History of Economic Thought*, 2004.

2003

"Searching for the Causal Structure of a Vector Autoregression," *Oxford Bulletin of Economics and Statistics*, 2003.

"Nonstationary Time Series, Cointegration, and the Principle of the Common Cause," *British Journal for the Philosophy of Science*, 2003.

"A History of Postwar Monetary and Macroeconomics," in Jeffrey Biddle, John Davis, and Warren Samuels, editors, *The Blackwell Companion to the History of Economic Thought*. Oxford: Blackwell, 2003

"Some Causal Lessons from Macroeconomics," *Journal of Econometrics*, 2003.

2002

"Econometrics and Reality," in Uskali Mäki, editor. *Fact and Fiction*. Cambridge University Press, 2002 [reprinted in John B. Davis, editor, *Recent Developments in Economic Methodology*. Aldershot: Edward Elgar, 2006].

"Kevin Hoover" [interview], in Brian Snowdon, editor. *Conversations on Growth, Stability, and Trade: An Historical Perspective*. Aldershot: Edward Elgar, 2002.

"Sutton's Critique of Econometrics," *Economics and Philosophy*, 2002.

2001

"Measuring Systematic Monetary Policy," *Federal Reserve Bank of St. Louis Review*, 2001.

"Measuring Causes: Episodes in the Quantitative Assessment of the Value of Money," *History of Political Economy*, 2001 (with M. Dowell).

2000

"Models All the Way Down: Comments on Smith and Juselius," in Roger Backhouse and Andrea Salanti, editors. *Macroeconomics and the Real World, Vol. 1: Techniques and Macroeconomics*. Oxford: Oxford University Press, 2000.

"Two Centuries of Taxing and Spending: A Causal Investigation of the Federal Budget Process, 1791-1990," *Oxford Economic Papers* (with M. Siegler), 2000.

"Teaching Macroeconomics While Taking Complexity Seriously," in David Colander, editor, *Complexity in Teaching Economics*, Edward Elgar, 2000.

"Three Attitudes Towards Data Mining," *Journal of Economic Methodology*, 2000.

1999

"Data Mining Reconsidered: Encompassing and the General-to-Specific Approach to Specification Search," *Econometrics Journal*, 1999 (with S. Perez).

"Reply to Our Commentators [on "Data Mining Reconsidered"], *Econometrics Journal*, 1999 (with S. Perez).

1998

"Causality," in *Handbook of Economic Methodology*, John Davis, D. Wade Hands and Uskali Mäki, editors. Aldershot: Edward Elgar, 1998.

"The New Classical Macroeconomics," in *Handbook of Economic Methodology*, John Davis, D. Wade Hands and Uskali Mäki, editors. Aldershot: Edward Elgar, 1998.

"Technology Shocks or Colored Noise? Why Real-Business-Cycle Models Cannot Explain Actual Business Cycles," *Review of Political Economy* (with K. Salyer), 1998.

"Keynes, Marshall, and Involuntary Unemployment," in *Economics and Methodology: Crossing Boundaries*, Roger Backhouse *et al.*, editors. London: Macmillan, 1998.

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"Evaluating 'Real Business Cycle Realizations 1925-1995'," *Carnegie-Rochester Conference Series on Economic Policy*, 1997.

"The Limits of Business Cycle Research: Assessing the Real-Business-Cycle Model," *Oxford Review of Economic Policy*, 1997 (with J. Hartley and K. Salyer).

"Is There a Place for Rational Expectations in Keynes's *General Theory*?" in G.C. Harcourt and P.A. Riach (eds.) *Keynes's General Theory: A Second Edition*. London: Routledge, 1997.

"Equilibrium Monetary Theories of the Business Cycle," in *Business Cycles and Depressions: An Encyclopedia*, David Glasner, editor. New York: Garland Publishing, 1997.

"Money-Income Causality," in *Business Cycles and Depressions: An Encyclopedia*, David Glasner, editor. New York: Garland Publishing, 1997.

1996

"Some Suggestions for Complicating the Theory of Money" in Steven Pressman (ed.) *Interactions in Political Economy: Malvern After Ten Years*. London: Routledge, 1996.

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"Relative Wages, Rationality and Involuntary Unemployment in Keynes's Labor Market," *History of Political Economy*, 1995.

"After the Revolution: Paul Samuelson and the Textbook Keynesian Model," *History of Political Economy*, 1995 (with K. Pearce).

"Is Macroeconomics for Real?" *The Monist*, 1995 [reprinted in Uskali Mäki, editor. *The Economic World View*. Cambridge: Cambridge University Press, 2001 and in John B. Davis, editor, *Recent Developments in Economic Methodology*. Aldershot: Edward Elgar, 2006].

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"Commentary [on Lee Ohanian and Alan Stockman, 'Theoretical Issues of Liquidity Effects'," *Federal Reserve Bank of St. Louis Review*, May/June 1995.

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"Post Hoc Ergo Propter Hoc Once More: An Evaluation of 'Does Monetary Policy Matter?' in the Spirit of James Tobin," *Journal of Monetary Economics*, August 1994 (with S. Perez).

"Money May Matter, But How Would You Know?" *Journal of Monetary Economics*, August 1994 (with S. Perez).

"Pragmatism, Pragmaticism, and Economic Method," in *Contemporary Issues in Economic Methodology*, Roger E. Backhouse, editor. London: Routledge, 1994.

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"An Interview with Kevin Hoover," *Methodus*, December 1991, Young Back Choi, interviewer.

"The Causal Direction Between Money and Prices: An Alternative Approach," *Journal of Monetary Economics*, June 1991.

"Scientific Research Program or Tribe? A Joint Appraisal of Lakatos and the New Classical Macroeconomics," in *Appraising Economic Theories: Studies in the Application of the Methodology of Research Programs*, Mark Blaug and Neil de Marchi, editors. Aldershot: Edward Elgar, 1991.

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"The Logic of Causal Inference: Econometrics and the Conditional Analysis of Causation," *Economics and Philosophy*, October 1990.

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"On the Pitfalls of Untested Common-factor Restrictions: The Case of the Inverted Fisher Hypothesis," *Oxford Bulletin of Economics and Statistics*, May 1988.

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1982

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"Monetary and Fiscal Impacts on Exchange Rates," *Federal Reserve Bank of San Francisco Economic Review*, Winter 1982 (with J. Bisignano).

1980

"Abduction and the New Riddle of Induction," *The Monist*, July 1980 (with J. Harris). Reprinted in Eugene Freeman, editor, *The Relevance of Charles Peirce*. LaSalle, IL.: Hegeler Institute, 1983.

REVIEWS

A Review of *A Few Hares to Chase: The Economic Life and Times of Bill Phillips* by Alan Bollard. On EH.Net: http://eh.net/book_reviews/a-few-hares-to-chase-the-economic-life-and-times-of-bill-phillips/, January 2017.

"Foundations or Bridges? A Review of J.E. King's *The Microfoundations Delusion: Metaphor and Dogma in the History of Macroeconomics*," *Erasmus Journal for the Philosophy of Economics* 6(2), Autumn 2013, pp. 88-96.

"Against Psychosis: A Review of Roman Frydman and Michael D. Goldberg's *Beyond Mechanical Markets: Asset Price Swings, Risk, and the Role of the State*," *Journal of Economic Methodology* 20(1), March 2013, 69-75.

"Review of Perry Mehrling's *The New Lombard Street: How the Fed Became the Dealer of Last Resort*," *Journal of the History of Economic Thought*, 34(3), September 2012, 440-442.

"Causal Pluralism and the Limits of Causal Analysis: A Review of Nancy Cartwright's *Hunting Causes and Using Them: Approaches in Philosophy and Economics*," in Ross B. Emmett and Jeff E. Biddle, editors. *Research in the History of Economic Thought and Methodology*, Volume 28A, , 2010, pp. 381-395.

"Worlds Apart? A Review of Bernt P. Stigum's *Econometrics and the Philosophy of Economics: Theory-Data Confrontations in Economics*," *Research in the History of Economic Thought and Methodology*, Ross B. Emmett and Jeff E. Biddle, editors. *Research in the History of Economic Thought and Methodology*, Volume 28A, 2010, pp. 299-305.

"Review of Francisco Louçã's *The Years of High Econometrics: A Short History of the Generation that Reinvented Economics*," *Journal of the History of Economic Thought* 32(1), March 2010, 137-139..

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"Review of Brian Snowdon's and Howard R. Vane's *Modern Macroeconomics: Its Origins, Development, and Current State*," *History of Political Economy*, 2009.

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- "Can Economics be an Inductive Science? A Review of Julian Reiss's *Error in Economics: Towards a More Evidence Based Methodology*," *Economics and Philosophy*, 2009.
- "Review of Thomas J. Sargent and François R. Velde's *The Big Problem of Small Change*," *Journal of the History of Economic Thought*, 2004.
- "Review of Lawrence H. White's (editor) *The History of Gold and Silver*," *Journal of the History of Economic Thought*, 2004.
- "Review of Judea Pearl's *Causality: Models, Reasoning, and Inference*," *Economic Journal*, 2003.
- "If Causation is not Correlation, What is It? A Review of Daniel Hausman's *Causal Asymmetries*," *Journal of Economic Methodology*, 2002.
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