

CAMBRIDGE

# The Latest in Macroeconomics from Cambridge

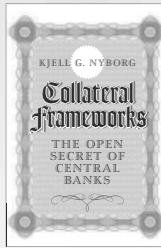


## Preparing for the Next Financial Crisis Policies, Tools and Models

**Editors:**

Esa Jokivuolle, *Bank of Finland*  
Radu Tunaru, *University of Kent, Canterbury*

Hardback | 9781107185593  
£85 | \$110  
November 2017

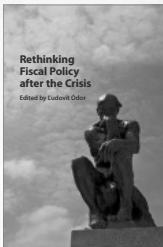


## Collateral Frameworks The Open Secret of Central Banks

**Author:**

Kjell G. Nyborg, *Universität Zürich*

Paperback | 9781316609545  
£29.99 | \$37.99  
Also available in Hardback  
December 2016

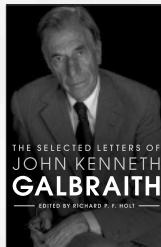


## Rethinking Fiscal Policy after the Crisis

**Editor:**

L'udovít Ődor, *Council for Budget Responsibility, Slovakia*

Hardback | 9781107160583  
£120 | \$155  
May 2017

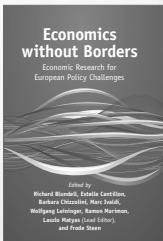


## The Selected Letters of John Kenneth Galbraith

**Editor:**

Richard P.F. Holt, *Southern Oregon University*

Hardback | 9781107019881  
£27.99 | \$34.99  
April 2017



## Economics without Borders Economic Research for European Policy Challenges

**Editors:**

Laszlo Matyas, *Central European University, Budapest*; Richard Blundell, *University College London*; Estelle Cantillon, *Université Libre de Bruxelles*; Barbara Chizzolini, *Università Commerciale Luigi Bocconi, Milan*; Marc Ivaldi, *Toulouse School of Economics, EHESS*; Wolfgang Leininger, *Universität Dortmund*; Ramon Marimon, *European University Institute, Florence*; Frode Steen, *Norwegian School of Economics*

Paperback | 9781316636398 | £34.99 | \$43.99  
Also available in Hardback  
April 2017

## Open Access

COMING SOON

## Critical Junctures in Mobile Capital

**Editors:**

Jocelyn Pixley, *Macquarie University, Sydney*  
Helena Flam, *Universität Leipzig*

Hardback | 9781107189515 | £85 | \$110  
January 2018

Browse the full macroeconomics book list at [cambridge.org/microeconomics](http://cambridge.org/microeconomics)

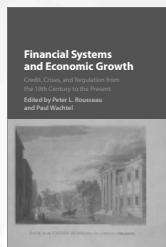
CAMBRIDGE  
UNIVERSITY PRESS

# Studies in Macroeconomic History

The titles in this series investigate themes of interest to economists and economic historians in the rapidly developing field of macroeconomic history. The four areas covered include the application of monetary and finance theory, international economics and quantitative methods to historical problems; the historical application of growth and development theory and theories of business fluctuations; the history of domestic and international monetary, financial and other macroeconomic institutions; and the history of international monetary and financial systems.

**General Editor:** Michael D. Bordo, *Rutgers University, New Jersey*

**Associate Editors:** Owen F. Humpage, *Federal Reserve Bank of Cleveland*; Christopher M. Meissner, *University of California, Davis*; Kris James Mitchener, *Santa Clara University, California*; David C. Wheelock, *Federal Reserve Bank of St Louis*

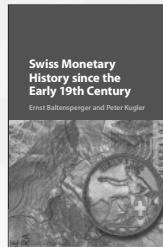


## Financial Systems and Economic Growth Credit, Crises, and Regulation from the 19th Century to the Present

Editors:

Peter L. Rousseau, *Vanderbilt University, Tennessee*  
Paul Wachtel, *Stern School of Business, New York University*

Hardback | 9781107141094  
£69.99 | \$110  
September 2017

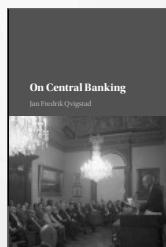


## Swiss Monetary History since the Early 19th Century

Authors:

Ernst Baltensperger, *Universität Bern, Switzerland*  
Peter Kugler, *Universität Basel, Switzerland*

Hardback | 9781107199309  
£85 | \$110  
August 2017

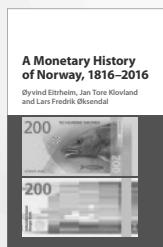


## On Central Banking

Author:

Jan Fredrik Qvigstad  
*Norges Bank, Norway*

Hardback | 9781107150973  
£39.99 | \$59.99  
June 2016

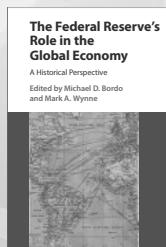


## A Monetary History of Norway, 1816–2016

Authors:

Øyvind Eitrheim, *Norges Bank, Norway*  
Jan Tore Klovland, *Norwegian School of Economics*  
Lars Fredrik Øksendal, *Norwegian School of Economics*

Hardback | 9781107150409  
£120 | \$155  
December 2016



## The Federal Reserve's Role in the Global Economy A Historical Perspective

Editors:

Michael D. Bordo, *Rutgers University, New Jersey*  
Mark A. Wynne, *Federal Reserve Bank of Dallas*

Hardback | 9781107141445  
£69.99 | \$110  
April 2016

Find out more,  
including full series  
listing at:  
[cambridge.org/  
SMH](http://cambridge.org/SMH)

CAMBRIDGE  
UNIVERSITY PRESS

# Cambridge Core

Access  
leading  
journals in  
your subject



Explore today at [cambridge.org/core](https://cambridge.org/core)

Cambridge **Core**

 CAMBRIDGE  
UNIVERSITY PRESS

# Economics

Books and Journals from  
Cambridge University Press

Cambridge's economics list is renowned for the breadth and quality of its publishing.

Our book list is home to the work of some of the most important economists in the history of the discipline, most notably John Maynard Keynes, as well as the work of almost 30 Sveriges Riksbank Nobel Prize laureates, including Kenneth Arrow, Herbert Simon, Robert Solow and Joseph Stiglitz.

This is complemented by a cluster of key journals such as *Econometric Theory*, *Journal of Economic History* and *Journal of Financial and Quantitative Analysis*.

For further details visit:  
[cambridge.org/core-economics](http://cambridge.org/core-economics)

Cambridge  
Core



CAMBRIDGE  
UNIVERSITY PRESS

# Cambridge Core

The new  
home of  
academic  
content



[cambridge.org/core](https://cambridge.org/core)

Cambridge **Core**

 CAMBRIDGE  
UNIVERSITY PRESS

# MACROECONOMIC DYNAMICS

## Notes for Contributors

**Contributions.** Contributions are welcome from all countries. They should be written in English.

**Aims and Scope/Editorial Policy.**

*Macroeconomic Dynamics* publishes research of the highest theoretical, empirical or quantitative sophistication. Papers of high quality are welcomed from all areas of macroeconomics and from all parts of the world, as long as the research is founded in a rigorous scientific approach. Major advances in macroeconomics without immediate policy applications are also accepted, if they show potential for application in the future. Occasional book reviews, announcements, conference proceedings and interviews are also published. Special issues appear in the journal's Supplements Series, having its own Special Issues Editors. An electronic version of the journal will be published simultaneously with the paper version enabling immediate access to the best current research in Macroeconomics.

**Home Page.** The journal has a home page on the web which is a source of further information about the journal. The location of the home page is: <http://econ.tepper.cmu.edu/barnett/MD.html>. Information about *Macroeconomic Dynamics* may also be viewed at [www.journals.cambridge.org](http://www.journals.cambridge.org).

**Manuscript Submissions.** The submission procedure for this journal has been converted to electronic uploading of pdfs to the journal's server. To submit, follow the instructions provided at [http://server1.tepper.cmu.edu/md/electronic\\_submission.htm](http://server1.tepper.cmu.edu/md/electronic_submission.htm). Questions about the submission procedure can be transmitted to the Editorial Information System Manager, Stephen Spear, at [sslf@andrew.cmu.edu](mailto:sslf@andrew.cmu.edu), or to the Editor, William A. Barnett, at [barnett@ku.edu](mailto:barnett@ku.edu).

**Special Issues Submissions.** The journal publishes special issues in its Supplements Series. Proposals for special issues should be sent to either of the journal's Special Issues Editors and should include a table of contents and one or more proposed guest editors.

**Originality and Copyright.** Manuscripts are accepted for review on the understanding that the same work has not been and will not be published nor is presently submitted for publication elsewhere. While under editorial review, it is the responsibility of the authors to keep the Editor informed about submissions, publication plans, and actual publication of related research or abstracts thereof in other outlets, including letters, journals, review publications, journals in other disciplines, conference proceedings, and published dissertations. It is further understood that all persons listed as authors have given their approval for the submis-

sion of the paper and that any person cited as a source of personal communication has approved such citation; written authorization may be required at the Editor's discretion. Authors are responsible for obtaining written permission to publish material for which they do not own the copyright. A Copyright Transfer Agreement, with certain specified rights reserved by the author, must be signed and returned to the Editor by a senior author of accepted manuscripts, prior to publication. This is necessary to enable the publisher to ensure the wide distribution of the author's(s') work and the protection of both the author and the publisher under copyright law. Articles and other material published in *Macroeconomic Dynamics* represent the opinions of the authors and should not be construed to reflect the opinions of the Editor, Advisory Board, Editorial Board, or the Publisher.

**Preparation of a Manuscript.** The entire manuscript (including notes and references) should be produced as double spaced typescript  $8\frac{1}{2} \times 11$ -inch or A4 white paper, with wide margins to accommodate copyediting. The manuscript should be converted to a pdf for submission by uploading to the journal's server. The publisher asks that you provide a PDF file of the final version of your paper, together with a copy of the word processing source file in which the paper was written. Pages should be numbered consecutively. Page 1 should provide the article, author's(s') names (in the form preferred for publication, complete affiliation, phone, fax and e-mail numbers (if available). At the bottom of Page 1 place any footnotes to the title or authors, indicated by superscripts \*, \*\*, etc. Page 2 should contain a proposed running head (abbreviated form of the title) of up to 40 characters, and the name and mailing address, telephone, fax and e-mail numbers of the author to whom proof's should be sent. Page 3 should contain a short abstract of the paper in less than 150 words. The abstract will appear at the head of the article when published in the journal. A list of three or four keywords or terms should also be included. The full text of the manuscript should begin on Page 4.

**Equations.** All equations should be typewritten and the numbers for displayed equations should be placed in parenthesis in the right margin. References to equations should simply use the form "(3)." Superscripts and subscripts should be typed clearly above and below the line, respectively. Theorem, lemma, and proposition statements should appear in italic print. End-of-proof signposts should appear as such: either ■ or Q.E.D., typed in italics.

Authors are encouraged to use the following order for parentheses: {[...]}.

**Tables and Figures.** If possible, the publisher asks that you include all graphics (charts, diagrams or other art work) at the end of the paper, indicating in the body of the paper where each graphic should appear. If it is not possible for you to include the graphics files in the word processor source code, you should upload the individual graphics files separately after you upload the PDF and source files for your paper.

**References.** References should be cited in the text by the author's last name and the date of publication. Complete bibliographic information for each citation should be included in the list of references. References should be typed in alphabetical order in the style of the following examples:

*Monograph:*

Stokey, Nancy L. and Robert E. Lucas, Jr. with Edward Prescott (1989) *Re-cursive Methods in Economic Dynamics*. Cambridge, MA: Harvard University Press *Chapter in an Edited Volume:*

Danthine, Jean-Pierre and John B. Donaldson (1995) Computing equilibria of nonoptimal economies. In Thomas F. Cooley (ed.), *Frontiers of Business Cycle Research*, pp. 65–97. Princeton, NJ: Princeton University Press.

*Journal Article:*

Epstein, Larry G. and Stanley Zin (1989) Substitution, risk aversion and the temporal behavior of consumption and asset returns I: A theoretical framework. *Econometrica* 42, 937–969.

*Article in Press:*

Huang, He, Selahattin Imrohoroglu, and Thomas J. Sargent (in press) Two computational experiments to fund Social Security. *Macroeconomic Dynamics*.

Journal names should not be abbreviated.

**Footnotes.** Where more than a simple source citation is called for, footnotes may be used. These should be numbered consecutively throughout the text and typed together at the end of the paper before the references. Source citations within footnotes follow the same style as citations within the text.

**Copyediting and Proofreading.** The publisher reserves the right to copyedit and proofread all articles for publication, but the corresponding author will receive page proofs for final proofreading. These should be checked and returned within five days of receipt. The publisher reserves the right to charge authors for excessive correction of non-typographical errors.

# MACROECONOMIC DYNAMICS

Volume 21, Number 7, October 2017

## Contents

### ARTICLES

An Evaluation of Constitutional Constraints on Capital Taxation <b>Begoña Domínguez and Zhigang Feng</b>	1519
The Effects of Negative Population Growth: An Analysis Using a Semienogenous R&D Growth Model <b>Hiroaki Sasaki and Keisuke Hoshida</b>	1545
Minimum Wage and Severance Payments in a Frictional Labor Market: Theory and Estimation <b>Carolina Silva</b>	1561
Secular Fertility Declines, Baby Booms, and Economic Growth: International Evidence <b>Robert Tamura and Curtis Simon</b>	1601
Aging and Fiscal Sustainability in a Small Euro Area Economy <b>Gabriela Castro, José R. María, Ricardo Mourinho Félix, and Cláudia Rodrigues Braz</b>	1673
Social Choice and Time Consistency with Low-Probability Events <b>Claudio A. Bonilla</b>	1706
Deep-Rooted Determinants of the Fertility Transition Across Countries <b>Alberto Basso and David Cuberes</b>	1712
Contractionary Technology Shocks <b>Francesco Giuli and Massimiliano Tancioni</b>	1752
<b>MD INTERVIEW</b>	
An Interview with Neil Wallace <b>David Altig and Ed Nosal</b>	1790
<b>NOTES</b>	
On the Numerical Accuracy of First-Order Approximate Solutions to DSGE Models <b>Christopher Heiberger, Torben Klarl, and Alfred Maussner</b>	1811
A Note on the Characterization of the Neoclassical Production Function <b>Andreas Irmén and Alfred Maussner</b>	1827

### Cambridge Core

For further information about this journal please  
go to the journal website at:  
[cambridge.org/mdy](http://cambridge.org/mdy)

**CAMBRIDGE**  
UNIVERSITY PRESS