

James Feigenbaum

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ADDRESS

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PERSONAL

Birthplace: Buffalo, New York
Citizenship: United States

EDUCATION

<u>Degree</u>	<u>Field</u>	<u>Institution</u>	<u>Year</u>
Ph.D.	Economics	University of Iowa	August 2003
M.A.	Economics	University of Iowa	December 2000
Ph.D.	Physics	University of Chicago	August 1998
M.S.	Physics	University of Chicago	December 1996
B.A.	Math/Economics	SUNY at Buffalo	May 1992
B.S.	Physics	SUNY at Buffalo	May 1992

EMPLOYMENT

2012-Present:	Associate Professor, Utah State University
2009-2012:	Assistant Professor, Utah State University
2009:	TAER Visiting Scholar Program, Deakin University
2008-2009:	Visiting Professor, Utah State University
2003-2009:	Assistant Professor, University of Pittsburgh
2003-2006:	Visiting Researcher, Federal Reserve Bank of St. Louis
2002:	Dissertation Intern, Federal Reserve Bank of St. Louis
2000-2003:	Online Tutor, Smarthinking
1998-2003:	Teaching Assistant, Department of Economics, University of Iowa
1992-1998:	Research/Teaching Assistant, Department of Physics, University of Chicago
1990-1991:	Teaching Assistant, Department of Economics, SUNY at Buffalo

COURSES TAUGHT

Intermediate Macroeconomics
Graduate Computational Methods
Mathematical Methods for Economic Analysis
Graduate Macroeconomic Theory I
Graduate Macroeconomic Theory II
Money and Banking
Introduction to Microeconomics

Intermediate Microeconomics
Advanced Macroeconomics

WORK IN PROGRESS

“Evolutionary Dynamics of Consumption in an Overlapping Generations Model”
“Thermodynamic Entropy and Growth”
“Health and Consumption Inequality over the Life-Cycle” with Tim Halliday and Hui He
“Intergenerational Bargaining and Inter Vivos Transfers” with Geng Li
“Reforming Estate Taxation by Reversing the Generation-Skipping Transfer Tax” with Scott Findley
“Heterogeneous Borrowing Costs and the Consumption Hump” with Lei (Nick) Guo
“Optimal Decumulation of Wealth in General Equilibrium”
“Restricted Optimal Irrational Behavior with Risk” with Shantanu Bagchi
“How to Design a Welfare- and Pareto-Improving Social Security System”

WORKING PAPERS

“Precautionary Saving Unfettered”
“Precautionary Learning, Endogenously Asymmetric Loss Functions and Inflationary Biases” with Chetan Dave
“Equivalent Representations of Non-Exponential Discounting Models”
“Can High Discount Rates Increase Capital Accumulation?” with Emin Gahramanov and Xueli Tang
“Optimal Income-Tax Progressivity in an Overlapping-Generations Model” with Shantanu Bagchi
“Quasi-Hyperbolic Discounting and Delayed Retirement” with Scott Findley

REFEREED PUBLICATIONS

Economics

Feigenbaum, James A. and Geng Li, (2014), “Household Income Uncertainties over Three Decades: We Do Not See a Great Moderation Here,” Forthcoming in *Oxford Economic Papers*
Bagchi, Shantanu and James A. Feigenbaum, (2014), “Is Smoking a Fiscal Good?” *Review of Economic Dynamics* 17: 170-190.
Feigenbaum, James A., Emin Gahramanov, and Xueli Tang, (2013), “Is It Really Good to Annuitize?” *Journal of Economic Behavior and Organization* 93: 116-140.
Findley, T. Scott and James A. Feigenbaum, (2013), “Quasi-Hyperbolic Discounting and the Existence of Time-Inconsistent Retirement,” *Theoretical Economics Letters* 3: 119-123.
Feigenbaum, James A. and Geng Li, (2012), “Lifecycle Dynamics of Income Uncertainty and Consumption,” *Advances in Macroeconomics* 12(1).
Feigenbaum, James A., (2011), “Precautionary Saving or Denied Dissaving,” *Economic Modelling* 28: 1559-1572.
Feigenbaum, James A., Frank N. Caliendo, and Emin Gahramanov, (2011), “Optimal Irrational Behavior,” *Journal of Economic Behavior and Organization* 77: 286-304.
Feigenbaum, James A. and Frank N. Caliendo, (2010), “Optimal Irrational Behavior in Continuous Time,” *Journal of Economic Dynamics and Control* 34: 1907-1922.
Feigenbaum, James A., (2008), “Information Shocks and Precautionary Saving,” *Journal of Economic Dynamics and Control* 32: 3917-3938.
Feigenbaum, James A., (2008), “Can Mortality Risk Explain the Consumption Hump?” *Journal of Macroeconomics* 30: 844-872.
Bullard, James and James A. Feigenbaum, (2007), “A Leisurely Reading of Lifecycle Consumption Data,” *Journal of Monetary Economics* 54: 2305-2320.
Feigenbaum, James A., (2005), “Second, Third, and Higher-Order Consumption Functions: A Precautionary Tale,” *Journal of Economic Dynamics and Control* 29: 1385-1425.

Finance and Econophysics

Chang, George and Feigenbaum, James, (2008), “Detecting Log-Periodicity in a Regime-Switching Model of Stock Returns,” *Quantitative Finance* 8: 723-738.

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Curriculum Vitae

- Chang, George and Feigenbaum, James, (2006), "A Bayesian Analysis of Log-Periodic Precursors to Financial Crashes," *Quantitative Finance* 6: 15-36.
- Feigenbaum, James A., (2003), "Financial Physics," *Reports on Progress in Physics* 66: 1611-1649. (invited review article)
- Feigenbaum, James A., (2001), "More on A Statistical Analysis of Log-Periodic Precursors to Financial Crashes," *Quantitative Finance* 1: 527-532.
- Feigenbaum, James A., (2001), "A Statistical Analysis of Log-Periodic Precursors to Financial Crashes," *Quantitative Finance* 1: 346-360.
- Feigenbaum, J. and P.G.O. Freund, (1998), "Discrete Scale Invariance and the 'Second Black Monday'," *Modern Physics Letters B* 12: 57-60.
- Feigenbaum, J. A. and P.G.O. Freund, (1996), "Discrete Scale Invariance in Stock Markets before Crashes," *International Journal of Modern Physics B* 10: 3737-3745.

Physics

- Feigenbaum, J. A., (1998), "Born-Regulated Gravity in Four Dimensions," *Physical Review D* 58.
- Feigenbaum, J., P.G.O. Freund, and M. Pigli, (1998), "Gravitational Analogues of Non-Linear Born Electrodynamics," *Physical Review D* 57: 4738.
- Feigenbaum, J., P.G.O. Freund, and M. Pigli, (1997), "T-Duality Considerations for Hadronic Strings," *Physical Review D* 56: 2590.
- Feigenbaum, J., P.G.O. Freund, and M. Pigli, (1997), "High Energy Hadronic Total Cross-Sections," *Physical Review D* 56: 2596.
- Feigenbaum, J., and P.G.O. Freund, (1995), "A q -deformation of the Coulomb Problem," *Journal of Mathematical Physics* 37: 1602.
- Feigenbaum, J., (1991), "Study of Toponium Production Including the Effects of Higgs Exchange," *Physical Review D* 43: 264.

TEXTBOOKS

- Chapters in *Instructor's Solutions Manual: A Modern Introduction to Mechanics* by Jonathan F. Reichert, (1991), (Prentice-Hall: Englewood Cliffs, NJ).

PAPER PRESENTATIONS

- 2003: Midwest Economic Association meetings (St. Louis)
Conference on Computation in Economics and Finance (Seattle)
Purdue University
University of California at Irvine
University of Pittsburgh
Federal Reserve Board of Governors
- 2004: Midwest Economic Association Meetings (Chicago)
Iowa Alumni Workshop (Iowa City)
Midwest Macroeconomics Meeting (Ames, Iowa)
- 2005: Midwest Economic Association Meetings (Milwaukee)
Midwest Macroeconomics Meeting (Iowa City, Iowa)
- 2006: Midwest Economic Association Meetings (Chicago)
Midwest Macroeconomics Meeting (St. Louis)
Conference on Computation in Economics and Finance (Cyprus)
Carnegie-Mellon University
- 2007: Midwest Economic Association Meetings (Minneapolis)
Federal Reserve Bank of Atlanta
Iowa Alumni Workshop (Iowa City)
Conference on Computation in Economics and Finance (Montreal)
- 2008: Utah State
Midwest Economic Association Meetings (Chicago)

- Society for Nonlinear Dynamics and Econometrics 16th Annual Symposium (San Francisco)
Conference on Computational Methods in Economic and Financial Dynamics (Dallas)
Conference on Computation in Economics and Finance (Paris)
Household Finances and Consumption ECB-CFS conference (Frankfurt) (discussant)
CSU Fresno
University of Pittsburgh
University of New Mexico
SUNY Buffalo
- 2009: Midwest Economic Association Meetings (Cleveland)
Iowa Alumni Workshop (Iowa City)
Midwest Macro Meeting (Indiana University)
Quantitative Society for Pensions and Saving (Utah State) (keynote address)
North American Summer Meeting (Boston)
Conference on Computation in Economics and Finance (Sydney)
Deakin University
Adelaide University
University of Melbourne
University of Sydney
University of Hawaii
- 2010: BYU
Utah State (physics department)
Quantitative Society for Pensions and Saving (Utah State)
Midwest Macro Meeting (Michigan State)
Workshop on Optimal Control, Dynamic Games, and Nonlinear Dynamics (Amsterdam)
Conference on Computation in Economics and Finance (London)
Society for the Advancement of Behavioral Economics (San Diego)
University of Pittsburgh
Models for Lifecycle Finance, Insurance and Economics (Fields Institute, Toronto)
- 2011: Society for Nonlinear Dynamics and Econometrics (George Washington University)
Western Social Science Association (Salt Lake City)
Quantitative Society for Pensions and Saving (Utah State)
Conference on Computation in Economics and Finance (San Francisco Fed)
- 2012: University of Pittsburgh
Iowa Alumni Workshop (Iowa City)
Quantitative Society for Pensions and Saving (Utah State)
Midwest Macro Meeting (Notre Dame)
Western Economic Association International (San Francisco)
Econometric Society Australasian Meeting (Melbourne)
Deakin University
University of New South Wales
BYU/USU Macro Workshop
- 2013: Midwest Economic Theory Conference (Michigan State)
Midwest Macro Meeting (Illinois Urbana-Champaign)
Society for the Advancement of Behavioral Economics (Atlanta)
University of Wisconsin-Whitewater
- 2014: Iowa Alumni Workshop (Iowa City)
University of Utah
Quantitative Society for Pensions and Saving (Utah State)
Midwest Macro (Missouri)
Society for the Advancement of Behavioral Economics (Lake Tahoe)
International Institute for Public Finance (Lugano, Switzerland)
Istanbul School of Central Banking

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Economic Association
Midwest Economic Association
American Physical Society
Econometric Society

JOURNAL SERVICES

Journal of Economic Dynamics and Control, Associate Editor 2011-2014

Refereeing:

Journal of Economic Dynamics and Control
Economic Theory
Econometrica
Quantitative Finance
Europhysics Letters
New Journal of Physics
Journal of Physics A
Physica A
Berkeley Press Journals in Macroeconomics
Journal of Macroeconomics
Multiscale Modeling and Simulation
Journal of Public Economic Theory
Review of Economic Dynamics
Journal of Business and Economic Statistics
Oxford Bulletin of Economics and Statistics
Public Finance Review
Journal of The Japanese and International Economies
Economic Modelling
Journal of International Trade and Economic Development
Journal of Economic Interaction and Coordination
International Review of Economics and Finance
Southern Economic Journal
International Journal of Theoretical and Applied Finance
Macroeconomic Dynamics
European Economic Review
Journal of Economic Behavior and Organization
Frontiers of Economics in China
Economics Letters
Mathematical Social Sciences
Scottish Journal of Political Economy
American Economic Review
Journal of Pensions Economics and Finance
Quantitative Economics
Economics of Transition
International Economic Review
China Economic Review

GRANT REVIEWS

Czech Science Foundation
Social Sciences and Humanities Research Council of Canada

DOCTORAL STUDENT SUPERVISION

Juan Padilla, 2004-2005

Cem Karaman, 2005-2007 (reader; principal, Magnolia Science Academy 5 (Hollywood, CA))
Dharmarajan Hariharan, 2005-2008 (reader; Bates White)
John Hilbert 2007 (reader; physics department)
Hyeon Sook Park 2007- 2012 (reader (formerly chair); Manhattan College)
Serife Genc 2007- 2012 (reader (formerly chair); Turkish Central Bank)
Natalia Khorunzhina 2007- 2011 (reader; Copenhagen Business School)
Daeyup Lee 2007-2010 (co-chair with Marla Ripoll; IMER, Bank of Korea)
Samah Mazraani 2008-2011 (reader; IMF)
Ting Ting Huang 2008-2010 (reader; Nankai University)
Ahmad Shahidi-Azizabadi 2008-2009 (reader; University of Saudi Arabia)
Shantanu Bagchi 2009-2011 (reader; Georgia Southern University)

MASTERS STUDENT SUPERVISION

Dallin Alldredge, 2010 (reader; University of Tennessee Ph.D. program in finance)
Eric Gardener, 2010 (chair; Zions Bank)
Jonathan Medina, 2011 (reader)
Ashley Funk, 2011 (chair; Deloitte and Touche)
Ian Simmons, 2012 (chair; to be determined)
Isaac Blackhurst, 2013-14 (outside member; math department)
Clagg, Mike, 2013 (reader)

SERVICE

Chairman of Macro Recruiting Committee (Pitt), 2005
Departmental Web Committee (Pitt), 2006-2009 (Chair 2007-2009)
Macroeconomic Comprehensive Exam Committee (Pitt), 2006-2008
Macro Recruiting Committee (Pitt), 2008
Macroeconomic Comprehensive Exam Committee (Utah State), 2010
Recruiting Committee (Utah State), 2008-
Evaluated research grant proposals for the Czech Science Foundation (2010)
Seminar coordinator (Utah State), 2011-2014
Graduate Committee (Utah State), 2010-

HONORS

Student of the Year, Division of Natural Sciences and Mathematics, SUNY at Buffalo, 1992
National Science Foundation Graduate Fellow, University of Chicago, 1992-1995
Iowa Fellow, University of Iowa, 1998-2002
Paul Olson Award (best second-year paper), University of Iowa, 2000-2001
Researcher of the Year, Department of Economics and Finance, Utah State University, 2009, 2010
Outstanding Referee of 2010, *Journal of Economic Dynamics and Control*

REFERENCES

John Duffy
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University of California, Irvine
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