

CURRICULUM VITAE

July 2017

Ted Loch-Temzelides

Contact Information:

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Research Interests:

Environmental and Energy Economics and Policy; Transportation; Innovation and Growth; Applied Game Theory; Finance and Global Macro

Appointments:

Professor, Department of Economics, Rice University, 2008 - present

Baker Institute Rice Scholar, Center for Energy Studies, James A. Baker III
Institute for Public Policy, Rice University, 2010 - present

Professor, Department of Economics, University of Pittsburgh, 2008

Associate Professor, Department of Economics, University of Pittsburgh, 2002 -
2007

Assistant Professor, Department of Economics, Henry B. Tippie College of
Business, University of Iowa, 1997 - 2002 (awarded tenure in 2002)

Economist, Federal Reserve Bank of Philadelphia, 1995 – 1997

Other Appointments:

Visiting Researcher, Institute of the Environment and Sustainability, UCLA, Spring 2017

Visiting Scholar, MIT Energy Initiative, Center for Energy and Environmental Policy Research, Massachusetts Institute of Technology, Fall 2016

Visiting Scholar, IMF, during January 2017, August 2016, December 2015, September 2012

Visiting Professor, European University Institute, May - June 2012

Visiting Researcher, Banco de Portugal, June - July 2011

Visiting Professor, *CES*, Ludwig-Maximilians-Universitaet, Munich, June - July 2009

Visiting Associate Professor of Finance, The Wharton School, University of Pennsylvania, 2006 - 2007

Visiting Scholar, Department of Managerial Economics and Decision Sciences, Kellogg School of Management, Northwestern University, Fall 2000

Research Department Visitor, European Central Bank
October 2008, June 2007, June 2006, May - August 2005, June - August 2004

Research Department Visitor, Federal Reserve Bank of Minneapolis
June 1996, May - August 1995

Education and Degrees:

Ph.D., University of Minnesota, 1995

Graduate student in Economics, University of Minnesota, 1989-1995

Graduate student in Mathematics (completed coursework requirements for M.S. in Mathematics), University of Minnesota, 1991-1993

B.A. (Economics), University of Piraeus, Greece, 1988

Undergraduate student in Economics, University of Piraeus, Greece, 1984-1988

Languages:

Greek, some French and Italian

Grants and Awards:

Seed grant: *Economic and Environmental Assessment with the Rice World Energy Model*, with Daniel S. Cohan (Civil and Environmental Engineering); Rice Energy and Environment Initiative (E2I), Rice University, 2014

Research Professorship Award, SSRI, Rice University, 2013

Banco de Portugal Grant, 2011

National Science Foundation Grant (PI, *Mechanism Design and Payments*), 2005-2008

Henry B. Tippie Research Fellow, University of Iowa, 2001

Old Gold Summer Fellowship, University of Iowa, 1998, 2000

Collegiate Teaching Award, Henry B. Tippie College of Business, University of Iowa, 1999

Henry B. Tippie College of Business Summer Fellowship, University of Iowa, 1999

Summer Research Grant, Henry B. Tippie College of Business, University of Iowa, 1998, 1999

Distinguished Teaching Assistant, Department of Economics, University of Minnesota, 1995

Graduate Student Fellowship, Department of Economics, University of Minnesota, 1989

Union of Greek Ship-Owners Award (awarded for high undergraduate GPA to students from families of seamen), 1987

Ongoing and Published Research by Field:

I. Energy and Environmental Policy, Innovation, and Growth:

1. “Mechanism Design and Conservation Agreements”
2. “Emissions and Automobile Fuel Efficiency under Carbon Pricing,” in progress
3. “The Effects of a Border-Adjustment Tax on the Energy Sector,” with Kenneth B. Medlock III, in progress

4. “The Merchant Marine (Jones) Act: Welfare Effects,” with Kenneth B. Medlock III and Anna Mikulska, in progress
5. “Needed: Robustness in Climate Economics,” Manuscript
6. “A Model with Spillovers in the Adaptation of Renewable Technologies,” Manuscript
7. “Employment Impacts of Upstream Oil and Gas Investment in the United States,” with Mark Agerton, Peter Hartley, and Kenneth B. Medlock III, *International Monetary Fund WP/15/28* (2015), *Energy Economics* **62** (2017)
8. “Robust Dynamic Energy Use and Climate Change,” with Xin Li and Borghan Narajabad, *Quantitative Economics* **7** (2016)
9. “Monetary Emissions Trading Mechanisms,” with Cyril Monnet, forthcoming, *International Journal of Economic Theory* **12(1)** (2016)
10. “Energy Sector Innovation and Growth,” with Peter Hartley, Kenneth B. Medlock III, and Xinya Zhang, *The Energy Journal* **37(1)** (2016)
11. “Local Employment Impact from Competing Energy Sources: Shale Gas versus Wind Generation in Texas,” with Peter Hartley, Kenneth B. Medlock III, and Xinya Zhang, *Energy Economics* **49** (2015)
12. “New Alignments? The Geopolitics of Gas and Oil Cartels and the Changing Middle East,” with Songying Fang and Amy Jaffe, *Economics of Energy and Environmental Policy* **3 (1)** (2014)

II. Financial Microstructure, Money and Banking:

13. “Money Talks,” with Marie Hoerova and Cyril Monnet, *Economics Letters* **116** (2012)
14. “Optimal Clearing Arrangements for Financial Trades,” with Thorsten Koepl and Cyril Monnet, *Journal of Financial Economics* **103** (2012)
15. “A Dynamic Model of Settlement,” with Thorsten Koepl and Cyril Monnet, *Journal of Economic Theory* **142 (1)** (2008)

16. "Banking, Liquidity, and the Velocity of Money," with Ricardo Cavalcanti and Andres Erosa, *International Economic Review*, **46 (2)** (2005)
17. "Lack-of-Recall and Centralized Monetary Trade," with Jialin Yu. *International Economic Review*, **45 (4)** (2004)
18. "On the Local Interaction of Money and Credit," with Yi Jin. *Review of Economic Dynamics*, **7** (2004)
19. "Directed Matching and Monetary Exchange," with Dean Corbae and Randall Wright. *Econometrica* **71 (3)** (2003)
20. "Matching and Money," with Dean Corbae and Randall Wright. *American Economic Review Papers and Proceedings* **92 (2)** (2002)
21. "Discrete Time Dynamics in a Random Matching Monetary Model," with Hector Lomeli. *Economic Theory* **20 (2)** (2002)
22. "Private Money, Settlement, and Discounts," with Steve Williamson. *Carnegie-Rochester Conference Series on Public Policy* **54** (2001)
23. "Payments Systems Design in Deterministic and Private Information Environments," with Steve Williamson. *Journal of Economic Theory* **99 (1/2)** (2001)
24. "Private Money and Reserve Management in a Random Matching Model," with Ricardo Cavalcanti and Andres Erosa. *Journal of Political Economy* **107 (5)** (1999)

III. Applied Game Theory and Experiments:

25. "Behavior in Sequential Individual Choice Experiments," with John Duffy, in progress
26. "Competitive Behavior in Market Games: Evidence and Theory," with John Duffy and Alexander Matros, *Journal of Economic Theory* **146 (4)** (2011)
27. "Modeling the Experimental Process in the Social Sciences," *Journal of Mathematical Economics* **46 (4)** (2010)

28. “Self-Organized Criticality in a Dynamic Entry Game,” with Andreas Blume and John Duffy, *Journal of Economic Dynamics and Control*, **34** (2010)
29. “Fashion Statement,” *Review of Economic Dynamics* **12 (4)** (2009)
30. “A Model of Bureaucracy and Corruption,” with Shouyong Shi. *International Economic Review* **45 (3)** (2004)
31. “On the Geography of Conventions,” with Andreas Blume. *Economic Theory* **22 (4)** (2003)
32. “Sequential Equilibrium and Competition in a Diamond-Dybvig Model,” with Bernardino Adao. *Review of Economic Dynamics* **1** (1998)
33. “Evolution, Coordination, and Banking Panics,” *Journal of Monetary Economics* **40** (1997)

IV. Other:

34. “Paris, the Environment, and Economic Growth,” *Forbes.com* (2015)
35. “What’s next for Greece?” *Forbes.com* (2015)
36. “Let the Greek Games End,” *Forbes.com* (2015)
37. “Kurdish Oil and U.S. Leverage in Iraq,” with Jim Krane. *Forbes.com* (2014)
38. “Money Talks: Information and Monetary Policy,” with Marie Hoerova and Cyril Monnet. *Yale Economic Review* (2010)
39. Review of “The Theory of Money and Financial Institutions,” Volumes I and II, by Martin Shubik. *Journal of Economic Literature* **XXXIX (4)** (2001)
40. “Are Bank Runs Contagious?” *Federal Reserve Bank of Philadelphia Business Review* (1997)

Professional Activities:

CESifo Research Network, Fellow

Editorial Board (Associate Editor), *Economic Theory*, *Economic Theory Bulletin*

Referee, *American Economic Review*, *Austrian Science Fund*, *B.E. Journals in Macroeconomics*, *Econometrica*, *Economic Journal*, *Economic Theory*, *The Energy Journal*, *European Economic Review*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Economic Behavior and Organization*, *Journal of Economic Dynamics and Control*, *Journal of Economic Theory*, *Journal of Monetary Economics*, *Journal of Money, Credit, and Banking*, *Journal of Political Economy*, *Journal of Public Economic Theory*, *Macroeconomic Dynamics*, *Management Science*, *National Science Foundation*, *Review of Economic Dynamics*, *Research Grants Council of Hong Kong*, *Review of Economic Studies*, *The Scandinavian Journal of Economics*, *Social Sciences and Humanities Research Council of Canada*

Member, *United States Association for Energy Economics-Houston Chapter*, *American Economic Association*, *American Finance Association*, *Econometric Society*, *Euro Area Business Cycle Network*, *International Association for Energy Economics*, *National Association for Business Economics*, *Royal Economic Society*

Session Chair, ASSA Meetings (Philadelphia, Pennsylvania), January 5 - 7, 2018

Session Organizer, 17th SAET Conference (Faro, Portugal), June 25 - 30, 2017

Program Organizing Committee, *Hydrocarbon Economics and Evaluation Symposium* (Houston, Texas), May 17-18, 2016

Faculty Advisor, *United States Association for Energy Economics*, Rice University Student Chapter, November 2015 - present

Session Organizer, 13th SAET Conference (MINES ParisTech, France), July 22 - 27, 2013

Session Organizer, 10th SAET Conference (Faro, Portugal), June 27 - July 1, 2011

Session Organizer, 9th SAET Conference (Ischia, Italy), June 29 - July 5, 2009

Organizing Committee, 8th SAET Conference (Kos, Greece), June 25 - July 1, 2007

Sample Service (Academic):

Co-organizer (with Kerry Back), *Business and Economics Workshop*, jointly run between the Jesse H. Jones Graduate School of Business and the Economics Department, Rice University, 2015-2016

Martel College Master, Rice University, managed a college consisting of over three hundred undergraduate students and five staff members. Raised \$37,000 and finalized the creation of the *Martel College Endowment*, 2010-2016

Social Sciences Faculty Advisory Committee, Rice University, 2015-2016

Masters of Energy Economics organizing committee and faculty, Rice University, 2014-present

Masters of Global Affairs organizing committee and faculty, Rice University, 2014-2015

Athletics Committee, Rice University, 2012-2015

Economics Department External Chair Search Committee, Rice University, 2013

Promotion and Tenure Committee, Rice University, 2009-2010

Sample Service (non-Academic):

Board of Directors, *French-American Chamber of Commerce*-Houston Chapter, 2012 - 2016 (Vice-President, 2015-2016)

Member, *Hellenic Professional Society*-Houston Chapter, 2014-2016

Teaching Interests

Energy/Environmental Economics and Policy (PhD/MA/Undergraduate)

Micro/Macroeconomics (PhD/MBA/Undergraduate)

Financial Engineering (MBA/Undergraduate)

Mathematical/Statistical/Econometric Methods (PhD/MBA/Undergraduate)

PhD Thesis Committees:

1. Morad Zekhnini (Rice University, 2016), first position: *Tulane University, Finance*
2. Xin Li (co-advisor) (PhD, Rice University, 2014), first position: *International Monetary Fund*
3. Xinya Zhang (PhD, Rice University, 2013), first position: *Bureau of Economic Geology, University of Texas, post-doc*

4. Islam Rizvanoglu (advisor) (PhD, Rice University, 2012), first position: *Zirve University*, Turkey
5. Jin Cao (co-advisor) (PhD, Ludwig-Maximilians-Universitaet, Munich, 2010), first position: *Norges Bank*, Norway
6. Amelie Carlton (PhD, University of Houston, 2010), first position: *University of Houston*
7. Ahmadreza Shahidi-Azizabadi (PhD, University of Pittsburgh, 2009), first position: *PMU*, Saudi Arabia
8. Yang Zhao (co-advisor) (PhD, University of Pittsburgh, 2007), first position: *Xiamen University*, China
9. Yong-Ju Lee (PhD, University of Pittsburgh, 2007), first position: *Samsung Research Institute of Finance*, Korea
10. Virginie Masson (PhD, University of Pittsburgh, 2007), first position: *The University of Adelaide*, Australia
11. Xin He (PhD, University of Pittsburgh, 2006), first position: *Central University of Economics and Finance*, Beijing, China
12. Hikmet Gunay (co-advisor) (PhD, University of Iowa, 2003), first position: *Concordia University*, Canada
13. Troy Tassier (PhD, University of Iowa, 2002), first position: *University of Michigan*, post-doc
14. Sudeep Gosh (PhD, University of Iowa, 2001), first position: *Colgate University*, visiting
15. Ahmet Akyol (PhD, University of Iowa, 2001), first position: *York University*, Canada
16. Yi Jin (PhD, University of Iowa, 2001), first position: *University of Kansas*
17. Kartik Athreya (PhD, University of Iowa, 2000), first position: *Federal Reserve Bank of Richmond*
18. Craig Whittinghill (PhD, University of Iowa, 1999), first position: *Southern Illinois University*, visiting

Undergraduate Senior Research Advising:

1. Lyon Anderson (Rice University), first position: *Epic Systems*
2. Fengyi Kong (Rice University), first position: Grad. School, *Columbia University*
3. Fahad Punjwani (Rice University), first position: *Deloitte Consulting*
4. Mark Cheng (Rice University), first position: *Belvedere Trading*
5. Bruno Rosa (Rice University), first position: *GP Investments*, Brazil
6. Steffi Russell Egbert (Rice University), first position: *JP Morgan*
7. Viren Daniel Desai (Rice University), first position: *UBS*