

NATHAN LARSON

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Date of Birth: 10 August 1974
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EDUCATION

PhD in Economics, Massachusetts Institute of Technology (2001).
Title: *Essays in Equilibrium Selection*.
B.S. in Physics, B.A. in Economics, Duke University (1996), *summa cum laude*.

WORK HISTORY

Academic

2006 – Assistant Professor, Department of Economics, University of Virginia
2003 – 2006 Faculty Research Associate, Center for Electronic Markets and Enterprise, University of Maryland
2001 – 2003 Research Fellow, ESRC Centre for Economic Learning and Social Evolution (ELSE), University College London
1998 – 2001 Lecturer and Teaching Assistant, MIT

Non-academic

2001 – 2003 Part-time consultant, National Economic Research Associates (NERA)

RESEARCH

Publications

Match Choice and Ghettoization in Evolutionary Games, Journal of Economic Theory, 117 (2004).

Private Value Perturbations and Informational Advantage in Common Value Auctions, Games and Economic Behavior, 2009, vol. 65(2), pp 430-460.

No-Trade in the Laboratory, with Marco Angrisani, Antonio Guarino, and Steffen Huck, *Berkeley Journal of Theoretical Economics (Advances)*: Vol. 11, Issue 1, Article 9.

Niche Products, Generic Products, and Consumer Search (previously circulated as *Endogenous Horizontal Differentiation and Consumer Search*), accepted at *Economic Theory*.

Strategic Delay and Efficiency in Global Games, accepted at *Berkeley Journal of Theoretical Economics (Contributions)*.

Publications outside economics

Bid-Based Approach for Pricing Web Service (with Inbal Yahav and Avigdor Gal), *Proceedings of the 14th International Conference on Cooperative Information Systems (CoopIS 2006)*, 2006, pp 360-376.

Under Revision

Inertia in Social Learning from a Summary Statistic (previously circulated as *In with the New or Out with the Old: Bottlenecks in Social Learning*), resubmitted at *Review of Economic Studies*.

Explaining Deviations from Equilibrium in Auctions with Avoidable Fixed Costs (previously circulated as *Procurement Auctions with Avoidable Fixed Costs: An Experimental Approach*) (with Wedad Elmaghraby), resubmitted at *Games and Economic Behavior*.

Submitted Papers

Clustering on the Same News Source in an Asset Market (previously circulated as *On the Concentration of Information in Equilibrium*), *Journal of Finance*

Working Papers

Network Security

Joint Bidding in Common Value Auctions

Selective Observation in Social Learning

Equilibrium in Wholesale Electricity Markets (with David Salant)

GRANTS AND AWARDS

2007	Bankard Fund grant: summer support
2008	Bankard Fund grant: summer support
2009	Bankard Fund grant: summer support
2010	NET Institute grant

2010 Faculty Research Travel Grant in International Studies
2010 VPR Research Support Award
2011 Bankard Fund grant: summer support

TEACHING

University of Virginia

2011 Spring: ECON 4020 Auction Theory (2 classes)
2010 Spring: ECON 401 Game Theory, ECON 402 Auction Theory
2009 Fall, ECON 701 Graduate Microeconomics
Spring: ECON 401 Game Theory, ECON 402 Auction Theory
2008 Fall: ECON 701 Graduate Microeconomics
Spring: ECON 402 Auction Theory (two sections)
2007 Fall: ECON 701 Graduate Microeconomics
Spring: ECON 402 Auction Theory , ECON 401 Game Theory
2006 Fall: ECON 402 Auction Theory

Other Institutions

2006 Graduate general equilibrium (as part of the core micro sequence, instructor), Economics Department, University of Maryland.
2006 Graduate advanced microeconomic theory (instructor), Economics Department, University of Maryland.
2004 MBA electronic commerce (instructor), R.H. Smith School of Business, University of Maryland.
2002 Undergraduate course on policy implications economics (co-instructor, taught module on auction theory), University College London.
2001 – 2002 Six week seminar on auction theory for staff of the UK Radiocommunications Agency (instructor), University College London/ELSE.
2001 Graduate microeconomics (teaching assistant), MIT.
2000 Graduate mathematical methods in economics (instructor), MIT.
1998 Undergraduate game theory (instructor), MIT.

1995 Undergraduate macroeconomics (teaching assistant), Duke University.

RELEVANT NON-ACADEMIC WORK

- 2002 Developed multi-period models of spectrum trading under incomplete information, and developed software to compute sequential equilibria for these models. Consulting work performed for the UK Radiocommunications Agency.
- 2001 – 2002 Member of team that designed the auction for UMTS and GSM spectrum licences in Latvia, on behalf of the Latvian telecommunications ministry.
- 2001 – 2002 Developed game theoretic models of trading in the California power markets, on behalf of one of the major generators.
- 2001 Helped with the design of power procurement auctions in Texas, on behalf of the Texas Public Utility Commission
- 2001 Contributed to expert review of plans for auctions of national and regional commercial radio licences in the Netherlands, on behalf of the Dutch telecommunications ministry.

CONFERENCE AND SEMINAR PRESENTATIONS

- 2010 University College London (Conference on Microfoundations of Finance, *On the Concentration of Information in Equilibrium*)
- 2009 Virginia Tech (*Network Security*), Midwest Theory Fall Meetings (Penn State, *Bottlenecks in Social Learning*)
- 2007 *Smart Radio, Smart Markets and Policies*, conference organized by Center for Research in Wireless Communications (sponsors: CITI, Clemson University, and Virginia Tech)
- 2006 University College London, London, Centre for Economic Learning and Social Evolution (ELSE), University of Virginia, Department of Systems Engineering
- 2005 Econometric Society World Congress, COFAIL (Paris)
- 2003 Maryland (Smith School of Business)
- 2002 Toulouse (Conference on Electricity Markets)
- 2001 Copenhagen (Conference on Learning), Cornell, Harvard, MIT, Texas, UCLA, UNC.

REFEREE

American Economic Review, Games and Economic Behavior, Economic Theory International Journal of Game Theory, Journal of the European Economic Association, Economics Letters, IEEE, Quarterly Journal of Economics and Finance, Southern Economic Journal

ADVISING AND DEPARTMENT SERVICE

First Year PhD Core Exam (Microeconomics): January 2007, June 2007, January 2008 (Chair), June 2008, January 2009, June 2009, January 2010, June 2011 (Chair)

Graduate Advising:

Stephen Bruestle (advisor)
Angela Moore Smith (letter writer)
A.J. Bostian (third reader)
Sunit Shah (third reader)
Marianne Corbishley (third reader)
Sean Sullivan (third reader)
Himanshu Gupta (Systems Engineering, dissertation committee)
Jorge Alviar (Systems Engineering, dissertation committee)

Undergraduate Advising

Distinguished Major Program Thesis Advisees

Trevor Dobson (2008, highest distinction)
David Zeke (2010, high distinction)
David Cates (2011, high distinction)
Kevin Chen (2011, high distinction)

UNIVERSITY SERVICE

Harrison Award committee (2010)
Harrison Award committee (2011)