

Michael D. Makowsky  
[mikemakowsky@gmail.com](mailto:mikemakowsky@gmail.com)  
Department of Economics (office 101M)

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[www.michaelmakowsky.com](http://www.michaelmakowsky.com)  
8000 York Rd, Stephens Hall 101M

### Employment

Assistant Professor, Department of Economics, Towson University (Fall 2008 – present)

### Education

**Ph.D.** George Mason University, 2008  
*Complex Systems Summer School*, Santa Fe Institute, 2006  
**BA**, Biology and Economics, University of Virginia, 1999

### Fields of Interest

Applied Microeconomics, Agent-based Computational Economics, Group Formation, Economics of Religious Groups

### Articles in Peer Reviewed Journals

1. “Religion, Clubs, and Emergent Social Divides” **Journal of Economic Behavior and Organization**, September 2011, Volume 80, Issue 1, Pages 74-87
2. “More Tickets, Fewer Accidents: How Cash Strapped Towns Make for Safer Roads” **Journal of Law and Economics**, Forthcoming (with Thomas Stratmann)
3. “A Theory of Liberal Churches” **Mathematical Social Sciences**, January 2011, Volume 61, No. 1, pages 41-51
4. “Emergent Extremism in a Multi-Agent Model of Religious Clubs” **Economic Inquiry**, Forthcoming
5. “Innovation, Price Dispersion, and Emergent Increasing Returns to Scale” **Journal of Economic Behavior and Organization**, 2010, volume 73, pp 406-17 (with David M. Levy)
6. “Determinants of Traffic Citations: Political Economy at Any Speed,” **American Economic Review**, March 2009 Volume 99, No. 1, (with Thomas Stratmann)
7. “The Spontaneous Emergence and Evolution of Economic Institutions: Cost-Benefit Analysis,” **Constitutional Political Economy**, March 2009 Volume 20 Issue 1, (with Richard E. Wagner)
8. “Accidental Atheists: An Agent-Based Model of Religious Regionalism,” **Journal for the Scientific Study of Religion**, 2007, volume 46, Issue 1, pages 1–16 (with Laurence R. Iannaccone)
9. “An Agent-Based Model of Mortality Shocks, Intergenerational Effects, and Urban Crime” **Journal of Artificial Societies and Social Simulation**, 2006, vol. 9, no. 2,

### Papers Under Review (including revision requests)

1. “Endogenous Group Formation with Unproductive Costs” (with Jason Aimone, Laurence Iannaccone, and Jared Rubin) *Revise and Resubmit*, **Review of Economic Studies**
2. “Increasing Returns to Scale, Price Dispersion, and the Distribution of Returns to Innovation” (with David M. Levy)
3. “Political Costs and Fiscal Benefits: The Political Economy of Residential Property Value Assessment” (with Shane Sanders)
4. An Agent-Based Model of Centralized Institutions, Social Network Technology, and Revolution (with Jared Rubin)

### Working Papers / Works In Progress

“Unemployment, Politics, and the Endogenous Enforcement of Immigration Law” (with Thomas

Stratmann)

“Free Riding with Other People’s Money: Contributions to Public Goods by Trustees” (with Wafa Orman and Sandra Peart)

“Knowing What You Don’t Know: Education, Intelligence, and Belief Intensity” (with Stephen Miller)

“Occupational Safety and Health Regulatory Enforcement (with Juergen Jung)

“A Model of State Churches, Religious Markets, and Reform” (with Charles North)

### **Other Publications**

“An Agent-Based Model of Crisis-Driven Migration” *Proceedings of the Complex Systems Summer School*, 2006, Santa Fe Institute, Santa Fe, NM (with J. Tavares, T. Makany and P. Meier)

Book Review: “Social Dynamics” Edited by H. Peyton Young and Steven N. Durlauf, *Journal of Artificial Societies and Social Simulation*, Vol 8 Issue 3, June 2005

### **Courses Taught**

Introductory Microeconomic Principles, Economics of a Global and Domestic Business

Environment, Economics of Religion

### **Awards**

William P. Snavely Award (Top Graduate Student in Economics, GMU) 2008

### **Grants**

2009                      Towson College of Business and Economics Faculty Research and Development Grant (\$3,500)

### **Fellowships**

2006/2007              H.B. Earhart Fellow

2005/2006              Graduate Research Fellow, Mercatus Center

2006                      Earhart APEE Fellow

2005/2006              Absentia Fellowship, *American Institute for Economic Research*

2005                      Summer Fellow, *American Institute for Economic Research*

2005                      Mercatus Center Graduate Research Fellowship

### **Other Media Appearances/References to My Work**

“Slow, Recession Ahead” *Boston Globe*, February 15th, 2009

“Welcome Stranger, Here’s a Speeding Ticket” *New York Times*; September 2<sup>nd</sup>, 2007

“The Out of Towners” *The Atlantic Monthly*; May 2007; Primary Sources; Vol 299 No. 4

“Complexity at Large” *Complexity*, Volume 11, Issue 6; News Items; “Studying Criminal Phenomena”

Other news references: *Forbes.com*, *The New Republic*, *Chicago Tribune*, *MarginalRevolution.com*, *EconomistsView.com* *Tampa Tribune*, *St. Louis Pos-Dispatch*, *Fairfax Sun-Gazette*, *Knoxville News Sentinel*, *San Antonio Express News Blog*, *Fredericksburg Freelance Star*, *Business Week (Blog)*, *Gazette.net*,

Television Appearances: *Fox WTTG 5 News Washington*, *ABC WHDH-TV Boston*, *Dutch National Television*

Radio Appearances: *WTOP Washington*

### **Selected Presentations**

November 19, 2011      *Southern Economic Association Annual Meeting*, “An Agent-Based Model of Centralized Institutions, Social Network Technology, and Revolution”

October 6 <sup>th</sup> , 2011	Baylor University Seminar Series, “An Agent-Based Model of Centralized Institutions, Social Network Technology, and Revolution”
February 23 <sup>rd</sup> , 2011	Center for the Study of Public Choice, George Mason University “Unemployment, Politics, and the Endogenous Enforcement of Immigration Law”
November 10 <sup>th</sup> , 2010	Western Carolina University Free Enterprise Speaker Series, “Endogenous Law Enforcement and Taxation” invited talk with honorarium
October 16 <sup>th</sup> , 2009	GMU Department of Social Complexity “Patent Length and Search Costs in a Multi-Agent Model of Endogenous Growth”
April 20 <sup>th</sup> , 2009	California State-Fullerton Economics Department “Endogenous Group Formation with Unproductive Costs”
April 4 <sup>th</sup> , 2009	<i>7th Annual Conference on Religion, Economics and Culture</i> , “Teaching the Economics of Religion”
November 23 <sup>rd</sup> , 2008	<i>Southern Economic Meetings</i> , “More Tickets, Fewer Accidents: How Cash Strapped Towns Make for Safer Roads”
October 18 <sup>th</sup> , 2008	<i>Society for the Scientific Study of Religion</i> , “Religious Clubs and Social Divides”
July 11 <sup>th</sup> , 2008	<i>2008 World Congress of Social Simulation</i> “The Dynamics of Religious Groups”
June 19 <sup>th</sup> , 2007	<i>ESHIA 2007 Workshop</i> “Price Dispersion, Innovation, and Increasing Returns to Scale” (with David M. Levy)
June 19 <sup>th</sup> , 2007	<i>ESHIA 2007 Workshop</i> “Religious Extremism, Institutions, and Income”
April 6 <sup>th</sup> , 2007	<i>Computational Social Science Seminar</i> “A Model of Decentralized Market Competition Compatible with Increasing Returns to Scale” (with David M. Levy), George Mason University
July 7 <sup>th</sup> , 2006	<i>Summer Institute for the Preservation of Economic History</i> “The Dynamics of Sects and Religious Extremism”
June 29 <sup>th</sup> , 2006	Santa Fe Institute “An Agent-based Model of Crisis-Driven Migration and Ethno-Religious Conflict” (with Tamas Makany, Patrick Meier, and Jorge Taveras)
March 30 <sup>th</sup> , 2006	Public Choice Society Meetings, “Determinants of Traffic Citations: Political Economy at Any Speed” (with Thomas Stratmann)
June 24 <sup>th</sup> , 2005	Society for Computational Economics “An Agent-Based Model of Mortality Shocks, Intergenerational Effects, and Urban Crime” 11 <sup>th</sup> <i>International Conference on Computing in Economics and Finance</i>
April 29-30, 2005	Harvard University, (by panel invitation), “Russians Fatal Half Measures: Demographic crisis and Econometric Half Measures” (with Bridget Butkevich), <i>Conference on Health and Demography in the Former Soviet Union</i>
April 7-8, 2005	University of Surrey, UK, Travel Fellowship, “An Agent-Based Model of Mortality Shocks, Intergenerational Effects, and Urban Crime” <i>Workshop on Modeling Urban Social Dynamics</i>
December 4-5, 2004	<i>The 36th Annual AAASS National Convention</i> , (by panel invitation) “Russians Fatal Half Measures: Demographic crisis and Econometric Half Measures” (with Bridget Butkevich)
November 22-24, 2004	<i>Third Annual Conference on Religion, Economics and Culture</i> , “Accidental Atheists: An Agent-based Model of Religious Regionalism” (with Laurence R. Iannaccone)

### **Service to the Discipline**

*Grant Reviewer for:* Economic and Social Research Council (UK)

*Journals Refereed For:* American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, Journal of Applied Econometrics, Journal of Economic Behavior and Organization, Public Choice, Eastern Economic Journal, Crime and Delinquency, Journal for the Scientific Study of Religion, Journal of Artificial Societies and Social Simulation, Sociology of Religion, Economics Bulletin

*Panel Discussant:* American Economic Association meetings (2009, 2010), Association of Religion, Economics, and Culture meetings (2009), Southern Economic Association Meetings (2008), Public Choice Meetings (2006)

### **Economics Pedagogy and Methodology Workshops: Participation & Assistance**

November 12-14, 2005      Panel Participant, *Religion in Social Science and Computational Modeling Workshop*, Krasnow Institute for Advanced Study, George Mason U.  
Summer 2004-08      Summer Institute, History of Economic Thought

### **Graduate School Employment**

2007/2008      Center for the Economic Study of Religion, Research Associate  
2004/2005      George Mason University, Research Assistant (Richard E. Wagner)

### **Professional Association Memberships**

American Economic Association, Econometric Association  
Association for the Study of Religion, Economics, and Culture

### **References**

Professor Laurence R. Iannaccone  
Department of Economics,  
Chapman University  
[Larry@econzone.com](mailto:Larry@econzone.com)

Professor Sandra J. Peart  
Dean, Jepson School of Leadership Studies  
University of Richmond  
[speart@richmond.edu](mailto:speart@richmond.edu)

Professor Robert Axtell  
Department of Social Complexity,  
George Mason University  
[raxtell@gmu.edu](mailto:raxtell@gmu.edu)

Professor Thomas Stratmann  
Department of Economics,  
George Mason University  
[tstratma@gmu.edu](mailto:tstratma@gmu.edu)

Professor David M. Levy  
Department of Economics,  
George Mason University  
[DavidMLevy@gmail.com](mailto:DavidMLevy@gmail.com)