

## Michael D. Makowsky

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### Contact Information

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Clemson, SC 29634

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### Research Topics

Law enforcement; club goods and religion; political economy; agent-based computational modeling

### Academic Positions

Clemson University, Clemson, SC USA  
*Assistant Professor*  
*John E. Walker Department of Economics* June, 2015 - present

Johns Hopkins University, Baltimore, MD USA  
*Assistant Professor, Center for Advanced Modeling,*  
*Department of Emergency Medicine*  
*Faculty Associate, Hopkins Population Center* June, 2012 - June, 2015

Towson University, Baltimore, MD USA  
*Assistant Professor, Department of Economics* August, 2008 - June 2012

### Education

George Mason University, Fairfax, VA USA  
*Ph.D., Economics* May, 2008

Advisor: Laurence R. Iannaccone  
Santa Fe Institute, Santa Fe, NM USA  
*Complex Systems Summer School* June, 2006

University of Virginia, Charlottesville, VA USA  
*B.A., Economics, Biology* May, 1999

PUBLICATIONS

- [2018] Embezzlement, Whistleblowing, and Organizational Structure, *Forthcoming, Journal of Economic Behavior & Organization* (M.D Makowsky and S. Wang)
- [2017] “Effects of the Affordable Care Act on Payer-Mix and Utilization in Maryland Emergency Departments” **Annals of Emergency Medicine**, Vol 70 (5), pp 607-614 (Eili Klein, M.D. Makowsky, Scott Levin, Tim Xu, Matthew Toerper, Gai Cole, and Gabor Kelen)
- [2017] “Identifying the Relationship between Length of Hospital Stay and the Probability of Readmission”, **Applied Economics Letters**, Vol 25 (6), 375-380 (M.D.Makowsky and E. Klein)
- [2016] “The Evolution of Power and the Divergence of Cooperative Norms” **Journal of Economic Behavior & Organization**, Vol 126, pp.75-88 (M.D. Makowsky and P. Smaldino)
- [2015] “Increasing Returns to Scale, Price Dispersion, and the Distribution of Returns to Innovation” **Macroeconomic Dynamics**, Vol. 19 (2), pp. 334-362 (M.D. Makowsky and D.M. Levy)
- [2015] “Influence of provider and urgent care density across different socioeconomic strata on outpatient antibiotic prescribing in the USA” **Journal of Antimicrobial Chemotherapy**, Vol 70 (5), 1580-1587 (E. Klein, M.D.Makowsky and M. Orlando, E. Hatna, N. Braykov, and R. Laxminarayan)
- [2014] “Education, Intelligence, and Attitude Intensity” **Public Opinion Quarterly**, 78:4, pp 832-858 (M.D Makowsky and S. Miller)
- [2014] “Free Riding with Other People’s Money: Contributions to Public Goods by Trustees” **Journal of Behavioral & Experimental Economics**, Vol 53, pp 44–55 (M.D. Makowsky, W. Orman, and S. Peart)
- [2014] “Unemployment, Politics, and the Endogenous Enforcement of Immigration Law” **Public Choice**, 160:1-2, pp 131-153 (M.D.Makowsky and T. Stratmann)
- [2014] “The Determinants of Federal and State Enforcement of Workplace Safety Regulations: OSHA Inspections 1993-2010” **Journal of Regulatory Economics**, Vol 45:1, pp 1- 33 (lead article) (J. Jung and M.D. Makowsky)
- [2013] “Endogenous Group Formation with Unproductive Costs” **Review of Economic Studies**, 80:4 pp 1215-1236 (lead article) (J. Aimone, L. Iannaccone, M.D. Makowsky, and J. Rubin)
- [2013] “An Agent-Based Model of Centralized Institutions, Social Network Technology,

and Revolution” **PLoS One**, 8: 11 (M.D. Makowsky and J. Rubin)

[2013] “Political Costs and Fiscal Benefits: The Political Economy of Residential Property Value Assessment” **Economics Letters**, Vol 120:3, pp 359-363 (lead article) (M.D. Makowsky and S. Sanders)

[2012] “More Tickets, Fewer Accidents: How Cash Strapped Towns Make for Safer Roads” **Journal of Law & Economics**, Vol 54:4 pp 863-888 (M.D. Makowsky and T. Stratmann)

[2012] “Emergent Extremism in a Multi-Agent Model of Religious Clubs” **Economic Inquiry**, Vol 50:2, pp 327-347 (M.D. Makowsky)

[2011] “Religion, Clubs, and Emergent Social Divides” **Journal of Economic Behavior & Organization**, Vol 80:1, pp 74-87 (M.D. Makowsky)

[2011] “A Theory of Liberal Churches” **Mathematical Social Sciences**, Vol 61:1, pp 41-51 (M.D. Makowsky)

[2010] “Innovation, Price Dispersion, and Emergent Increasing Returns to Scale” **Journal of Economic Behavior & Organization**, Vol 73:3, pp 406-17 (D. M. Levy and M.D. Makowsky)

[2009] “Determinants of Traffic Citations: Political Economy at Any Speed,” **American Economic Review**, Vol 99:1, pp 509-527 (M.D. Makowsky and T. Stratmann)

[2008] “The Spontaneous Emergence and Evolution of Economic Institutions: Cost-Benefit Analysis,” **Constitutional Political Economy**, March 2009 Vol 20 (1), (M.D. Makowsky and R.E. Wagner)

[2007] “Accidental Atheists: An Agent-Based Model of Religious Regionalism,” **Journal for the Scientific Study of Religion**, 2007, Vol 46, (1), pages 1–16 (M.D. Makowsky and L. Iannaccone)

[2006] “An Agent-Based Model of Mortality Shocks, Intergenerational Effects, and Urban Crime” **Journal of Artificial Societies & Social Simulation**, 2006, Vol 9 (2) (M.D. Makowsky)

#### WORKING PAPERS

To Serve and Collect: The Fiscal and Racial Determinants of Arrests (M.D. Makowsky, T. Stratmann, and A. Tabarrok), *Revise and Resubmit*, **Journal of Legal Studies**

The Minimum Wage, EITC, and Criminal Recidivism (Amanda Agan and M.D. Makowsky) [early draft available upon request]

**BOOK CHAPTERS**

[2015] “The Need for More Integrated Epidemic Modeling with Emphasis on Antibiotic Resistance” (E. Klein, J. Chelen, M.D. Makowsky, P. Smaldino), Book Chapter in *Mathematical and Computational Modeling: With Applications in Natural and Social Sciences, Engineering, and the Arts*, pp 121-134

**CURRENT PROJECTS**

“When Average is Irrelevant: Computational Models of Religious Groups”, chapter in *Advances in the Economics of Religion*, edited by Sria Iyer, Jean-Paul Carvalho, and Jared Rubin

“Not as I do: Hypocrisy Aversion and Optimal Punishment” (Gregory DeAngelo, M.D. Makowsky, and Bryan McCannon)

“When Your Occupation Isn’t Your Job: Risk, Wages, and Irregular Tasks” (Babur De Los Santos, M.D. Makowsky, and Kelsey Roberts)

Roadway Fatalities and Law Enforcement: A joint effort with the Saskatchewan Royal Canadian Mounted Police (Gregory DeAngelo, M.D. Makowsky, and Rick Ruddell)

Leadership and Selective Criteria (M.D. Makowsky, Wafa Orman, and Sandra Peart)

**CONFERENCE PROCEEDINGS & OTHER WRITINGS**

[2013] “What OSHA Doesn’t Inspect” *New York Times*, April 29, 2013 (M.D. Makowsky and J. Jung)

[2007] “An Agent-Based Model of Crisis-Driven Migration” *Proceedings of the Complex Systems Summer School*, 2006, Santa Fe Institute, Santa Fe, NM (M.D. Makowsky, J. Tavares, T. Makany and P. Meier)

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

**GRANTS & FELLOWSHIPS**

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

[2006-2007] H.B. Earhart Fellow, George Mason University

[2005-2006] Graduate Research Fellow, Mercatus Center

[2006] Earhart Association for Private Enterprise and Education Fellow

[2005-2006] Absentia Fellowship, American Institute for Economic Research

[2005] Summer Fellow, American Institute for Economic Research

[2005] Mercatus Center Graduate Research Fellowship

**AWARDS**

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

**COURSES TAUGHT**

Economics Principles; Microeconomics (MBA); Economics of Public Policy and Corporate Social Responsibility (MBA); Economics of Religion, Public Choice

**SERVICE**

[2017] Faculty Application Steering Committee

[2014] Chair, Center for Advanced Modeling Graduate Workshop, Johns Hopkins University

[2012-2014] Mentor, Resident Research Program, College of Medicine, Johns Hopkins University

[2010-2012] Undergraduate Curriculum Committee, College of Business and Economics, Towson University

[2010] MBA Curriculum Task Force, Towson University & University of Baltimore (joint)

**PROFESSIONAL MEMBERSHIP**

American Economic Association, Southern Economic Association (SEA), Association for the Study of Religion, Economics, and Culture (ASREC)

**PRESENTATIONS**

[2018] (given and planned) University of Alabama, Loyola-New Orleans

[2016] ALEA (Harvard Law School), Harvard University (Evolutionary Dynamics Group), Princeton University

[2015] Clemson University, Troy University, AAPOR-Bureau of Labor Statistics, George Mason University, Lehigh University

[2014] Johns Hopkins University (Economics), SEA, University of Leuven, West Virginia University, Simon Fraser University

[2013] NIH-MIDAS Network, ASREC, George Mason University, American University, Chapman University

[2012] Legatum Insitute, ASREC, Johns Hopkins University (Emergency Medicine)

[2011] SEA, Baylor University, George Mason University

[2010] Western Carolina University

[2009] George Mason University (Computation Social Science), Cal-State Fullerton,

ASREC,

[2008] ASREC, World Congress of Social Simulation

[2007] ESHIA annual meeting, George Mason University (Computational Social Science)

[2006] Santa Fe Institute, Public Choice Society, Society for Computational Economics

[2005] Harvard University, University of Surrey, ASREC

**REFEREEING EXPERIENCE**

American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, Journal of Public Economics, Journal of Applied Econometrics, Journal of Economic Behavior & Organization, Journal of the European Economic Association, Journal of Economic Dynamics & Control, Economic Theory, Public Choice, Journal of Legal Studies, Journal of Comparative Economics, Journal of Behavioral & Experimental Economics, Journal of Politics, National Science Foundation, Applied Economics, Journal of Applied Economics, Journal of Institutional Economics, Contemporary Economic Policy, Criminal Justice Review, BE Journal of Economic Analysis & Policy, Conflict Management & Peace Science, Eastern Economic Journal, Crime & Delinquency, Journal for the Scientific Study of Religion, Social Problems, Journal of Artificial Societies & Social Simulation, Sociology of Religion, Economics Bulletin, BMC Public Health, American Journal of Criminal Justice, Administration & Society, Economic and Social Research Council (UK), Economics and Politics, Physics Letters A