

ATIN BASUCHOUDHARY

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EDUCATION

- 1998 **University of Mississippi** Oxford, MS (Ph.D).
Dissertation Title Essays on Collusion in the Presence of Uncertainty.
Dissertation Chairs Dr. William F. Shughart II, Dr. John Conlon.
Fields (Comprehensive Exams Passed) Econometrics, Managerial Economics, and Economic Theory & History.
- 1990 -1992 **Xavier Labor Relations Institute (XLRI)** Jamshedpur, India
MBA. Major: Personnel Management and Industrial Relations.
- 1985 -1989 **Calcutta University** Calcutta, India
BS (Honors). Major: Economics; Minors: Mathematics and Political Science.

TEACHING

- 2008-Present **Professor at the Virginia Military Institute, Lexington, VA**
- Principles of Microeconomics.
 - Applied Game Theory.
 - Political Economy of Conflict (Writing Intensive and Cultures and Civilization).
 - Intermediate Microeconomics.
 - Poverty and Human Capability (Team Taught with Prof. Duncan Richter).
- 2004 – 2008 **Associate Professor at the Virginia Military Institute, Lexington, VA**
- Principles of Microeconomics.
 - Intermediate Macroeconomics.
 - International Economics (*Writing Intensive Course*).
 - Development Economics (*Writing Intensive Course*).
 - Applied Game Theory.
 - Economics of National Security.
- 1998-2004 **Assistant Professor at the Virginia Military Institute, Lexington, VA**
- Principles of Microeconomics.
 - Principles of Macroeconomics.
 - Intermediate Macroeconomics.
 - Managerial Economics.
 - International Economics (*Writing Intensive Course*).
 - Development Economics (*Writing Intensive Course*).
 - Applied Game Theory.
- 1994-1998 **Instructor at the University of Mississippi Oxford, MS**
- Five semesters of Principles of Macroeconomics: Teaching sophomores and juniors.
 - One semester of Level I Statistics for Business: Teaching juniors and seniors.
 - One semester of Principles of Microeconomics: Teaching freshmen and sophomores.
 - One semester of Public Finance: Teaching graduate students.
 - Two semesters of Level II Statistics for Business: Teaching non-traditional students.

EXTERNAL GRANTS

- “An Evolutionary Analysis of Tactical Choice,” 2009. Collaborator: Laura Razzolini. Funded by the DoD (Minerva Program) through the National Science Foundation. Amount \$142,964 over three years. Collaborator has separate funding of around \$110,000.
- Charles Koch Foundation: \$61,000 over 2013-2017.
- John Templeton Foundation: \$4500, 2016.
- Otsuka Pharma: \$6000

FUNDED SYMPOSIA

- Organized and led colloquium on “Markets and Morality” with Tom Duncan (Radford). Including faculty and students from Roanoke College, Washington and Lee, Radford University, and VMI. Funded by the John Templeton Foundation and the Institute

of Humane Studies.

- Organized and led colloquium on “Freedom and Speech” with Tom Duncan (Radford). Including faculty and students from Radford University, Wake Forest University and Hampden Sydney College. Funded by the John Templeton Foundation and the Institute of Humane Studies.

RECENT INVITED EVENTS/CONTRIBUTIONS

- 2021, Organized ENSA mini-conference on the “Economics of Conflict” as part of RAND/IDA/DoD series of panels.
- 2021, Invited to teach the political economy of conflict at the French Military Academy St. Cyr’s social science research program (CREC).
- 2021, Invited to lead a workshop on applying game theory to cybersecurity strategy for French mid-career officers (Majors to Colonel) at St. Cyr’s Cyberdefense master’s program.
- 2021, Invited to contribute to the Economists on Peace [blog](#) co-hosted by the Institute for Economics and Peace (IEP) and Economists for Peace and Security (EPS).
- 2020, Invited to a panel on “Economics of Information Security” at the 2020 Southern Economic Association meetings. Presented “Social Bubbles, Fake News, and Profits: Can real news survive?” with Laura Razzolini.
- 2020, Invited to speak on “Predicting Civil Conflict,” With Good Reason (Virginia Endowment for Humanities), National Public Radio.
- 2020, Organized ENSA panel on the “Political Economy of Conflict,” as part of RAND/IDA/DoD series of panels.
- 2019, Invited to brief RAND/DoD/IDA/ENSA participants at the Defense Economics sessions at the WEAI organized by RAND on “Can Culture Explain Civil Conflict?” With Tinni Sen and John David.
- 2019, Excerpts from “Predicting Hotspots” book included in readings in Prof. Nealin Parker’s class at the Woodrow Wilson School, Princeton University.
- 2018 Invited to brief RAND/DoD/IDA participants at the Defense Economics sessions at the WEAI organized by RAND on “Is Terrorism a Tactical Choice? Insights from Predicting Terror Intensity with Machine Learning.” With Jim Bang.
- 2018 Invited to contribute to the Economists on Peace [blog](#) co-hosted by the Institute for Economics and Peace (IEP) and Economists for Peace and Security (EPS).
- 2018 Invited to give a talk at the UT-Dallas on using machine learning to develop better theories of conflict.
- 2018 Invited to give a talk on the power and limitations of applying machine learning in political economy by the Economics Department at the University of Alaska.
- 2018 Invited to lead a workshop on applying game theory to cybersecurity strategy for French mid-career officers (Majors to Colonel) at St. Cyr’s Cyberdefense master’s program.
- 2017 Invited to give a talk on applying machine learning to predict economic growth and recessions by the Mercatus Center at George Mason University.
- 2017 Invited to give a talk on applying machine learning toward developing a unified theory of conflict by the Economics Research Unit at the Indian Statistical Institute, Kolkata.
- 2017 Invited to teach cybersecurity strategy to French mid-career officers (Majors to Colonel) and civilian and military intelligence operatives at St. Cyr’s Cyberdefense master’s program.
- 2017 Invited to RAND Corporation and Institute of Defense Analysis organized sessions at the Western Economic Association Meetings “Terrorism: A theory of tactical choice”. With Jim Bang (SAU) and Ani Mitra (Bard College).
- 2016 Invited to RAND Corporation and Institute of Defense Analysis organized sessions at the Western Economic Association Meetings “Predicting Aggregate Terror Risk: A Machine-Learning Approach.”. With Jim Bang.
- 2016 Invited to teach the political economy of conflict at the French Military Academy St. Cyr’s social science research program (CREC).
- 2016 Pathways for Peace, With Good Reason (Virginia Endowment for Humanities), National Public Radio.
- 2016 Invited to attend the Free Market Forum organized by Hillsdale College.
- 2015 Invited to teach elements of cybersecurity strategy to French mid-career officers (Majors to Colonel) and civilian and military intelligence operatives at St. Cyr’s Cyberdefense program.
- 2015 Invited to teach the political economy of conflict at the French Military Academy St. Cyr’s social science research program (CREC).
- 2015 Panelist on validating adversarial models of conflict. Invited by SUNY – Buffalo.
- 2015. “Reducing the Impact of Ethnic Tensions on Economic Growth: Economic or Political Institutions?” With Michael Reksulak. Included in Professor Boettke’s reading list for students at George Mason University.
- 2015." Invited to RAND Corporation and Institute of Defense Analysis organized sessions at the Western Economic Association Meetings. "Measuring Institutions: A Machine-Learning Approach.” With Jim Bang.
- 2015 Presented on agent based modeling of cybersecurity (Work co-authored with Laura Razzolini). Invited to RAND Corporation and Institute of Defense Analysis organized sessions at the Western Economic Association Meetings.

- 2015 Led workshop on the political economy of conflict for students from four Georgia universities sponsored by the Charles Koch Institute.
- 2015 Invited to attend the Free Market Forum organized by Hillsdale College.
- 2014 Invited to teach the political economy of conflict at the French Military Academy St. Cyr's social science research program (CREC).
- 2014 Institute of Humane Studies Advanced Policy Seminar on Liberty, Privacy, and the Security State.
- 2014 Invited to attend the Free Market Forum organized by Hillsdale College.
- 2013 Rand Corporation Invited Sessions at the WEA meetings, Seattle, "Predicting State Failure: Different Paths into the Abyss." With Jim Bang and William F. Shughart.
- 2013 Invited to teach the political economy of conflict at the French Military Academy St. Cyr's social science research program (CREC).
- 2013 Invited to attend the Free Market Forum organized by Hillsdale College.
- 2012 Explorations in Cyber International Relations, Harvard MIT.
- 2012 Minerva Conference organized by the US Department of Defense. Presented "A Briefing on the Evolution of Revolution: The Role of Patience."
- 2012 Invited to teach the political economy of conflict at the French Military Academy St. Cyr's social science research program (CREC).
- 2011, Kendall College Presentation at the Kendall Retirement Community, A Presentation on The Indian Economy.
- 2011, Foresight and the Evolution of Civilization, With Good Reason (Virginia Endowment for Humanities), National Public Radio.
- 2011, Predation versus Production, Midwestern University, Distinguished Speaker Series.
- 2010, Predation versus Production, Academic Commencement Speech, Virginia Military Institute.
- 2009, The Role of Brinkmanship in Denudearizing Iran, George Washington University.
- 2008, Ethnic Tensions and Terrorism, With Good Reason (Virginia Endowment for Humanities), National Public Radio.

BOOKS

- New Machine Learning Tools for Predicting Economic Growth. (2017) With: Jim Bang (SAU) and Tinni Sen (VMI). Springer Verlag.
- Predicting Conflict: A Machine Learning Approach. (2018) With: Tinni Sen, Jim Bang, and John David. Lexington Books, an imprint of Rowman and Littlefield.

PEER REVIEWED JOURNAL PUBLICATIONS

- Politics and Economics of the Superconducting Supercollider," (1998). Public Choice. Co-authors: Paul Pecorino, William F. Shughart II.
- "Are People Sometimes Too Honest? - Increasing Decreasing and Negative Returns to Honesty," (2000). Southern Economic Journal. Co-author: John R. Conlon.
- "Titan Agonistes – Wealth Effects of the Standard Oil (NJ) Case," (2004) Research in Law and Economics. Co-authors: Michael Reksulak, William F. Shughart II, Robert D. Tollison.
- "International Support for U.S. Foreign Policy: The Role of Foreign Aid, Trade Integration, and Social Development," (2004). International Business and Economics Research Journal. Co-authors: Ed Sexton, Tinni Sen.
- "Does the National Purchasing Manager's Index Predict the Ex-Ante Real Interest Rate? – A Short Note." (2004). Co-author: Tinni Sen. in Proceedings of the International Business and Economics Research Conference.
- "Hiding in Plain Sight -- Using Signals to Detect Terrorism." (2006). Public Choice. Co-author: Laura Razzolini.
- "Price Discrimination and Resale: A Classroom Experiment," (2008). Journal of Economic Education. Co-Authors: David Reilly et al.
- "Losing The Edge At The Final Frontier: A Relative Decline In Scientific Inputs And Its Consequences," (2007). Co-Author: Michael Reksulak. Applied Econometrics and International Development.
- "A Decision Analysis Approach to Solving the Signaling Game." (2009). Co-Author: Barry Cobb. INFORMS Decision Analysis.
- "On Ethnic Conflict and the Origins of Terrorism." (2010). Co-Author: Bill Shughart. Defense and Peace Economics.
- "Civilization and the Evolution of Short Sighted Agents." (2010). Co-authors: Samuel L. Allen and Troy Siemers. Virginia Economic Journal.
- "Mixed Strategy Nash Equilibria in Signaling Games." (2013). Co-authors Barry Cobb and Greg Hartman. Theoretical Economics Letters.
- "Community annotation and the evolution of cooperation: how patience matters" (2013). Co-authors: Raja Mazumder and Vahan Simoyan. The Open Bioinformatics Journal.
- "Brinkmanship – Threatening War in the Presence of Asymmetric Information about Iranian WMD Resolve," (2013). Co-author: Rich Meredith. Virginia Economic Journal.
- "Cultural Assimilation: The Political Economy of Psychology as an Evolutionary Game Theoretic Dynamic," Co-author: Dave Cotting (VMI). (2014) Evolutionary and Behavioral Sciences.

- “When Good Little Debts Went Bad: An Empirical Study of Small Claims Litigation in Augusta County, Virginia, 1746-1755” (2015). With Tinni Sen and Turk McCleskey. The Journal of Interdisciplinary History.
- “The Evolution of Cybersecurity Norms: An Analytical Narrative.” Co-author: Nazli Choucri (MIT). Proceedings of the 2014 15th IEEE International Conference on Information Reuse and Integration.
- “Cyberdefense When Attackers Mimic Legitimate Users: A Bayesian Approach” Co authors: Mohamed Eltoweissy, Mohamed Azab, Laura Razzolini, Shama Mohamed. Proceedings of the 2015 16th IEEE International Conference on Information Reuse and Integration.
- “Greed or Grievance, a Contextual Reconciliation?” (2017). Co-author: Ghislain Dutheil de la Rochere. International Journal of Peace Economics and Peace Science.
- “The Evolution of Revolution: Is splintering inevitable?” (2018). Co-author: Laura Razzolini. The Economics of Peace and Security Journal.
- “Predicting Terrorism with Machine Learning: Lessons from “Predicting Terrorism: A Machine Learning Approach” (2018). Co-author: Jim Bang. Peace Economics and Peace Science.
- “Snatched secrets: Cybercrime and trade secrets modeling a firm's decision to report a theft of trade secrets.” (2019). Co-author: Nicola Searles. Computers and Security.
- “The political economy of polytheism: The Indian versus the Graeco-Roman religions.” (2020). Co-authors: Mario Ferrero and Tim Lubin. Homo Oeconomicus.
- “Validating Game-Theoretic Models of Terrorism: Insights from Machine Learning. (2021). Co-authors: Jim Bang and Ani Mitra. Games.

BOOK CONTRACTS

- Handbook for the Economics of Terrorism. With Guenther Schulze. Cambridge University Press.
- Identifying the Complex Causes of Civil War: A Machine Learning Approach. With Jim Bang, John David, and Tinni Sen. Palgrave Macmillan.
- Order and Law: Debt Litigation and Settler Colonialism in pre-Revolutionary Virginia, with Turk McCleskey (Lead), Tinni Sen, and Jim Squire. University of Virginia Press.

OTHER PEER-REVIEWED PUBLICATIONS

- “Bioinformatics and machine learning in gastrointestinal microbiome research and clinical application.” (2020) Book chapter. With Lindsay Hopson, Stephanie Singleton, John David, Stefanie Prast-Nielsen, Pavel Klein, Sabyasachi Sen, Raja Mazumder. Elsevier.
- “Reducing the Impact of Ethnic Tensions on Economic Growth: Economic or Political Institutions?” (2019) With Michael Reksulak. Economic and Political Institutions and Development, edited by Joshua C. Hall and Sara Harper. New York: Springer.
- Book Review (2014): Acemoglu and Robinson. Why Nations Fail. The Origins of Power, Prosperity, and Poverty. Crown Publishing Group for Public Choice.
- “Checks and Balances at the OK Corral: Restraining Leviathan.” with Michael Reksulak and Bill Shughart. Appearing in Alan Marđano ed. “Constitutional Mythologies.” Springer. 2011.
- “Trade, Trade Agreements and the Environment.” Entry in Encyclopedia of Environmental Health, Elsevier. With Raymond J. MacDermott and Jim Bang. 2010.
- Book Review (2009): Hussein, I.; Pattanayak, S.R.; and Hira, A. North American Homeland Security. Praeger Security International, 2008, for CHOICE.
- Book Review (2009): Fisher, Len Rock Paper Scissors, Game Theory in Everyday Life, Basic Books, 2009, for CHOICE.
- Book Review (2009): Poast Paul, Economics of War, McGraw-Hill Irwin, 2006 for Defense and Peace Economics.
- “Ethnicity and Terrorism,” (with Bill Shughart). Expert Commentary accepted for appearance in edited volume “Terrorism Issues: Threat Assessment, Consequences and Prevention.”
- “US Aid or US Trade? – Relative Effect on Worldwide Human Development.” (With Tinni Sen) in Proceedings of the 2006 International Business and Economics Research Conference.
- Book Review: Contract Theory, by Bolton, P. and Dewatripont, M. MIT Press: Cambridge and London. 2005, in Managerial and Decision Economics v28 (1) 2007.
- “The Truth About Outsourcing,” April 2005, Virginia Viewpoint, No. 2005-3
- Book Review: Game Theory and the Law; Baird, Douglas G.; Gertner, Robert H.; and Picker, Randal C.; Harvard University Press: Cambridge, Massachusetts; 1994 in Public Choice.
- Book Review: Famous First Bubbles; Garber, Peter M.; MIT Press: 2000 in Managerial and Decision Economics.

RECENT CONFERENCE PRESENTATIONS

- 2021, “European Public Choice Society Meetings Illustrating a Machine Learning Causal Workflow” with Jim Bang, John David, and Tinni Sen.
- 2019 European Public Choice Society, “Is Civil Conflict Path Dependent?” with Tinni Sen and John David.
- 2018 European Public Choice Society, “Predicting Terrorism: A Machine Learning Approach” with Jim Bang, John David, and Ani Mitra.
- 2018 Network of European Peace Scientists Conference, “Predicting Terrorism: A Machine Learning Approach” with Jim Bang, John David, and Ani Mitra.
- 2017 European Public Choice Society, “Predicting conflict risk: Toward a Unified Theory of Civil Conflict.” With Jim Bang (SAU), Tinni Sen and John David (VMI).
- 2016 European Association of Law and Economics, “Do Informed Players Cheat More? Incentives to Cheat in a Repeated Asymmetric Information Cournot Model,” With John Conlon (UofM).
- 2016 European Public Choice Society Meetings, “Predicting Growth: machine learning insights into flaws in current modeling approaches.” With Jim Bang (SAU) and Tinni Sen (VMI).
- 2015 European Public Choice Society Meetings, “Cyber defense when attackers mimic legitimate users: A Bayesian approach” Co-authors: Laura Razzolini (VCU), Mohammed Eltoweissy (VMI).
- 2014 European Public Choice Society Meetings, “The Evolution of Civil Conflict and State Power.” With Ghislain Dutheil de la Rochere.
- 2014 US Public Choice Society Meetings, “Patience and “good” Institutions: Predicting Real Interest Rates and Institutional Quality,” With John David and Chap Michie.
- 2013 Southern Economic Association Meetings, “When Good Little Debts Went Bad: An Empirical Study of Small Claims Litigation in Augusta County, Virginia, 1746-1755,” With Tinni Sen and Turk McCleskey.
- 2013 Public Choice Society Meetings, New Orleans, “Cultural Assimilation: The Political Economy of Psychology as an Evolutionary Game,” With Dave Cotting and Troy Siemers.
- 2013 Association for Psychological Science (APS) meetings, Washington DC, “A Psychologist, an Economist, and a Mathematician Walk Into a Bar: A New Framework for the Psychology of Group Interactions.” With Troy Siemers and Dave Cotting.
- 2012 World Congress of the Public Choice Society, Miami, USA, “Adopting New Technology: Is Resistance Inevitable?” With Tinni Sen and Jennifer Gerow.
- 2011 European Public Choice Society Meetings, Rennes, France, “Predicting State Failure: A Classification Tree Approach,” With Bill Shughart and Jim Bang.
- 2011 US Public Choice society Meeting, San Antonio Texas, “The Evolution of Revolution: Is Splintering Inevitable?” With Laura Razzolini.
- 2010 US Public Choice Society Meetings, Monterey, CA “Is a Nuclear Iran Inevitable? – An Evolutionary Story,” With Josh Dixon and Laura Razzolini.
- 2010 European Public Choice Society, Izmir, Turkey “Civilization and the Evolution of Short Sighted Agents.” With Sam Allen and Troy Siemers.
- 2009 Southern Economic Association, San Antonio TX “An Evolutionary Analysis of Bank Survival Under Regulatory Regime Change.” With Sam Allen and Troy Siemers.
- 2008 INFORMS National Meeting, Washington DC “A decision analysis approach to solving the signaling game.” With Barry Cobb.
- 2008 Third Annual Conference in World History and Economics and Southern Economic Association Meetings, “Civilization and the Evolution of Short Sighted Agents.” With Samuel L. Allen and Troy Siemers.
- 2008 US and European Public Choice Society Meetings in San Antonio, TX and Jena, Germany respectively. “Checks and Balances at the OK Corral: Restraining Leviathan.” with Michael Reksulak and Bill Shughart.

UNDERGRADUATE RESEARCH

- “Analyzing the Credit View of Monetary Policy Using Granger Causality,” with Cadet Nick Pohoreskey.
- “Exploring Divisia Monetary Aggregates,” with Cadet Rob Elder.
- “Why is the Euro Weak? -- An economic fundamentals approach,” with Cadet Tappan August.
- “Cost, Collusion, and Asymmetric Information,” with Cadet Jordan Fox.
- “Game Theory and the Effects of Varied Liability under Tort Law,” with Cadet Brandon Smith.
- “When Push Comes To Shove Does U.S. Aid, U.S. Trade, or Economic Development Influence Voting in the U.N.,” with Cadet Rich Connaroe. Co-Advisor: LTC Jim Hentz.
- “Asymmetric Conventional Power and MAD,” with Cadet Ken Williams.
- “Ethnic Tensions and Growth,” with Cadet Jeff Parker.

- “Brinkmanship – Threatening War in the Presence of Asymmetric Information about Iranian WMD Resolve,” with Rich Meredith.
- “Asset Bubbles under Certainty,” With Dan Bogert.
- “Is a Nuclear Iran Inevitable? – An Evolutionary Story,” With Josh Dixon.
- “From the Ground Up,” With Nate Salatin.
- “Haiti: An Evolutionary Game Theory Story,” With Nate Salatin.
- “The Evolution of Balkanization,” With Boris Duvnjak.
- “Are Stock Markets Informationally Efficient?” With Mike Shafer.
- “A Mexican Car-tale: The story of the Communication, Competition, and Cooperation of Mexico’s Drug Cartels told by Game Theory Modeling,” With Kippur Taylor.
- “The Evolution of Trust in These United States: Waiting For the Right Time.” With Ben Waterbury.
- “The Evolution of Honor Codes.” With Jeremy Bellot.
- “Datamining vs. Econometrics” With Chap Michie. Co advisor John David
- “Patience and “good” Institutions: Predicting Real Interest Rates and Institutional Quality,” With Chap Michie. Co advisor John David.
- “Predicting conflict” With Eric Cedolter. Co advisor John David.
- “Trump’s Twitter Account and its Impact on the Stock Market” with Jonathan R. Beck
- “Exploring causality in epidemiological studies” With Steve Reibach. Co advisor John David.
- “Building Machine Learning Experiments to Test for Causality,” Sara Pessegoli, Co Advisor: John David.
- “Does market structure predict income inequality? Testing Dani Rodrik.” With Christopher Lloyd.
- “Do minimum wage laws deter labor force participation?” With Charlie Palandati.
- “Causal Inference in the Study of Civil Conflict” With Johnny Westerman. Co-advisor: John David
- “Using Shapley Values to identify institutional determinants of Income Inequality.” With Cadets Myers and Hausler. Co-advisor: John David.
- “Institutional predictors of HDI,” With Cadet Jonah Eger.

AWARDS AND HONORS

- 2018, Reappointed Roberts Professor of Free Enterprise Economics.
- 2014, Appointed Roberts Professor of Free Enterprise Economics.
- 2012, Inducted into the Phi Beta Kappa academic honor society.
- 2012, Inducted into Omicron Delta Kappa, National Leadership Honor Society.
- 2012, Jackson Hope Summer Undergraduate Research Award, VMI.
- 2011, Finalist Citation for Outstanding Faculty Award of the State Council of Higher Education, Virginia.
- 2010, Matthew F. Maury Research Award.
- 2006, Jackson Hope Faculty Development Leave.
- 2006, Distinguished Teaching Award, VMI.
- 2005 Jackson Hope Summer Undergraduate Research Award, VMI.
- 2004, Inducted into Omicron Delta Epsilon, International Honor society in Economics.
- 2004 Jackson Hope Summer Undergraduate Research Award, VMI.
- 2003 Wilbur S. Hinman Research Award, VMI.
- 2002 Jackson Hope Summer Undergraduate Research Award, VMI.
- 2001 Thomas Jefferson Teaching Award, VMI.
- 1992-1998 Honors Fellowship, University of Mississippi.
- 1983 National Scholarship, Government of India.

SERVICE

Institute Level Service

- Elected, T&P committee, 2016-2021, Chair 2020-21.
- Faculty Handbook Committee, 2018-2020.
- Chair, CEPO Committee, 2015-2017.
- Chair, Graduate School Relationship Committee, 2014-2015.
- VMI, Founding Faculty Advisor to Entrepreneurship Club. 2014 - current.
- Chair, Faculty Development Committee, 2011-2014.
- Chair, Uniform Awards Committee, 2012-2013.
- Service Learning Committee, 2011-Current.

- Chair, VMI Distinguished Speakers Committee. 2010 – 2011.
- VMI Faculty Development Committee. 2009 – Current.
- VMI Tenure and Promotions Review Committee. 2009.
- VMI Tenure and Promotions Committee, Dean's Representative, past service.
- VMI Academic Advising committee, past service.
- VMI, Athletic Council, past service.
- VMI, Faculty Advisor to Model Arab League, past service.
- VMI Grievance Panel, (elected representative), past Service.
- VMI, Library Liaison, past service.
- VMI, Institute Awards Committee, past service.
- VMI, SURI sub-committee charged with reviewing proposals and generating permanent guidelines for proposal reviews, past service.
- VMI, Teaching in Technology Committee, past service
- VMI, Student Datatel Committee, past service
- VMI, New Faculty Orientation Committee, past service
- VMI, Dean Search Committee, past service
- VMI, Colleague Oversight Committee, past service
- VMI, URS Committee, past service.
- VMI, Faculty Advisor to Fight Club, past service.

Department Level Service

- Chair, ad hoc committee for implementing the math QEP.
- Chair, ad hoc committee for implementing curricular integration.
- Chair, Strategic Management Committee, 2013-Present.
- Chair, Search Committee for Economics Search 2012.
- Chair, Search Committee for Economics Search 2011.
- AACSB, Student Participant Committee, Chair, 2005.
- Departmental AACSB Steering Committee, current.
- Departmental AACSB Strategic Management Committee.
- Team member of GAT assessing student competence in knowledge.
- Economics and Business Departmental Honors Committee.
- Coordinator, Principles of Economics Course.
- Ad Hoc Committee for Evaluating Departmental Statistical Software.
- Ad Hoc Committee For Evaluating the Economics Minor.
- Faculty Advisor to ODE Honor Society in Economics. 2009 - 2014.

Peer Reviewer

- National Science Foundation
- Qatar National Research Foundation
- *Computational Economics*
- *Public Choice*
- *Journal of Business, Industry and Economics*
- *Journal of Developing Areas*
- *International Journal of Industrial Organization*
- *Journal of Virginia Allied Social Science Association*
- *Journal of Economic Education*
- *Southern Economic Journal*
- *Conflict Management and Peace Science*
- *Defense and Peace Economics*
- *Economic Inquiry*
- *Economics Bulletin*
- *Homo Economicus*
- *Economics of Peace and Security Journal*
- *International Studies Quarterly*

- *International Journal of Environmental Research and Public Health*
- *Journal of Institutional Economics*
- *Sustainability*
- *Societies*

CONSULTING

2018 – Present Department of Microbiology, GWU.
 2006 – Present Gerson Lehrman Group.
 2006 – 2010 Forensic Economist for the National Economist Network (Lost Compensation).

COMMUNITY SERVICE

- Chair, Economic Development Committee NAACP. 2020-Present.
- Court Appointed Special Advocate (for children). 2020-Present
- Treasurer, Shepherd Higher Education Consortium on Poverty. 2017-Present (Second term)
- Member of RARA board (Elected 2020 November).
- Member of Shenandoah Community Capital Fund (Elected July 2021).
- Founder member of the board of the Youth Alliance Initiative.
- Founding Board member, 50waysrockbridge. (2016-2021)
- Treasurer, Woods Creek Montessori Board, 2016 (5-year term).
- Member, Lexington Strategic Plan, Economic subgroup.
- Member, Launch Lex committee organized by Main Street Lexington.
- Member, Board of the Rockbridge Regional Library (Appointed by the City of Lexington). 2010-2012.
- Secretary, Woods Creek Montessori Board. Past Service.