CURRICULUM VITAE

JOSEPH M. GIGLIO

Executive Professor

D'Amore-McKim School of Business Northeastern University 304 Hayden Hall 360 Huntington Avenue Boston, MA 02115 Tel (617) 373-4762 Fax (617) 373-8628 Email: j.giglio@northeastern.edu

EDUCATION

PhD	Northeastern University
MBA	Columbia Business School
MPA	New York University
AB	Rutgers University

ACADEMIC POSITIONS

1997 to Present Executive Professor, D'Amore McKim School of Business Adjunct Professor, NYU Tandon School of Engineering Visiting Professor, IBTTA Leadership Academy Visiting Professor, École Supérieure de Commerce, Reims, France Lectured Harvard Business School Lectured University of Mass, Engineering School Lectured University of Miami, Business School Lectured University of Texas, Engineering School Lectured Washington University, Business School Lectured The Zamorano Pan-American Agricultural School, Honduras

TEACHING

PROGRAMS

Executive MBA Executive MBA High-Technology MBA Full-time MBA

Part-time MBA

Undergraduate

Honors Program

COURSES

Strategic Management (G) Global Management (G) Strategic Management (G) Strategic Management (G) The Chief Executive Officer (G) Analyzing the Financial Crisis (G) Strategic Management (G) The Chief Executive Officer (G) Managing the Global Enterprise (G) Business Policy Strategy in Action Coached International Case Competition (G)

INDUSTRY EXPERIENCE

Professor Giglio's unique background in business, public policy, and finance is rooted in his experience in Wall Street, in public service, in management consulting, and in academia. He served as Executive Vice President at Smith Barney, President of Chase Securities, and Senior Managing Director at Bear Stearns & Co. He also served as Chairman of Apogee Research, a leading infrastructure consulting firm. Professor Giglio held a series of senior management positions with the Federal Government and with both the City and State of New York.

He served as chairman of President Reagan's National Council on Public Works Improvement and chaired the U.S. Senate Budget Commission on Innovative Financing of Infrastructure. Professor Giglio served as chairman of the board for the Intelligent Transportation Society of American and as special counselor to the Office of the Secretary of Transportation. Additionally, he served as vice chairman of the Hudson Institute, a leading public policy organization in Washington, D.C. and a board member of the Pioneer Institute. He has sat on the board of a number of public and private corporations. Professor Giglio has authored five books, authored and co-authored many academic articles and is a columnist for Gatehouse Media, Inc.

RESEARCH INTERESTS

Professor Giglio has research and teaching interests in Capital Markets, Privatization, Technology, Transportation, and Strategy.

SELECTED AWARDS AND HONORS

First Inductee into the Intelligent Transportation Society Hall of Fame Appointed to Massachusetts Special Commission on Transportation Finance Appointed to Massachusetts Health and Educational Facility Authority Appointed to Massachusetts Education Financing Authority Elected Chair of the Intelligent Transportation Society of America Elected Vice Chair of the Intelligent Transportation Society Recognized as Outstanding Professor at the D'Amore- McKim College of Business 3X Inducted into CBA Hall of Fame Elected Chairman of the Public-Private Division of the American Road Builders Recognized as Investment Banker of the Year by the American Banker Appointed Chair of the National Council on Public Works Improvement Appointed Chair of the U.S. Senate Budget Commission on Innovative Financing

RESEARCH

Published Intellectual Contributions

Books

"Unspeakable Truths", Hudson Institute, Washington, D.C.

"Judges of the Secret Court", Hudson Institute, Washington, D.C.

"Driving Questions: Developing a National Transportation Vision", Hudson Institute, Washington, D.C.

"Mobility", Hudson Institute, Washington, D.C.

"Fast Lane to the Future", Hudson Institute, Washington, D.C.

Book Chapters

"An End to Congressional Bullying of States" In John Miller (ed.) "The New Federalist Papers" The New Federalism, LLC 2011.

"Emerging Opportunities for Public-Private Partnerships in Highway Development." In Arnold H. Raphaelson (ed.) *Restructuring State and Local Services*. Praeger Publishers 1998.

Book Reviews

Review of *Freedom's Forge: How American Business Produced Victory in World War II* by Arthur Herman, New York: Random House, 2012 reviewed in the Providence Journal, July 2012.

Review of *Take on the Street* by Arthur Levitt, New York: Vintage Press, 2003 reviewed in *Suffolk Law Review*, spring, 2003.

Review of *Breaking Gridlock* by Jim Motavalli, San Francisco: Sierra Club Books, 2001 reviewed in *American Outlook*, Spring, 2002.

Selected Publications in Refereed Journals

Giglio, J. M. and Lovely III, W.A, "The Cantabria Microcredit Program" Ekonomski Vidici XXVII, br.3-4, December 2022.

Giglio, J. M. and Chieppo, C, "A Working Paper on the Regulatory Environment for Autonomous Vehicles" Archives of Business Research, Vol. 10, No. 8. August 2022.

Giglio, J. M. and Chieppo, C, "Metro Transport Corporations: New Governance Model for Urban

Mobility Transformation" Public Works Management & Policy. Jan. 2022.

Giglio, J.M., and Charles Chieppo, "Metro Transport Corporations: A New Model for Managing the Surface Transportation Revolution" Journal of Business and Economics. July/August 2019.

Giglio, J.M., John Friar, and W.F. Crittenden, "Integrating Life Cycle Asset Management". Business Horizons. July/August 2018.

Giglio, J.M. and John Friar, "An Evaluation of Availability Based Payments". Journal of Business and Economics. January 2017.

Giglio, J. M. "Making the Cut: Surgery on the Board", Business Horizons, pp.67-75. January 2016.

Giglio, J. M. "Procurement Strategy: Iron Fist or Velvet Glove?" Journal of Industrial Management, pp. 16-21. January/February 2016.

"Transportation Finance Strategies" "*Tollways*" International Bridge and Tunnel Authority, Fall 2012.

"Towards a Purpose Driven Transportation Policy" "*Tollways*" International Bridge and Tunnel Authority, Spring 2011.

"Alternative Perspective on Vehicle Integrated Infrastructure" Intelligent Transportation Society of America, Summer 2009.

"Pricing and Roadways", Tollways International Bridge and Tunnel Authority, Spring 2009.

"Government's Role in Creating a Transportation Technology Ecosystem" (with John H. Friar) *International Business Research Journal*, Spring 2007.

"Implementing the Vehicle Infrastructure Integration Vision: Lessons From the Past" *ITS Quarterly*, Intelligent Transportation Society of America, Fall 2007.

"Financing Intermodal Freight Investments in the United States: Challenges and Opportunities" (with Daniel J. McCarthy) *Transportation Journal*, ENO Foundation, Washington, D.C., March 2002.

"Private Toll Roads: Is the Glass One-Quarter Full or Three Quarters Empty?" *Nieman Reports Journalism Quarterly*, Harvard University, Volume 51 (4), Winter 1997.

Selected Non-Refereed and Invited Publications

"Dec. 7 A Day That Should Live in Infamy", Gatehouse Media, Inc, December 2022.

"Is The Fed Changing Course on Interest Rates?", Gatehouse Media, Inc, November 2022.

"Insider Trading in Congress", Gatehouse Media, Inc, October 2022.

"OPEC+ Decision to Cut Oil Production", Gatehouse Media, Inc, October 2022.

"Russian Ruble Rebounds", Gatehouse Media, Inc, October, 2022.

"Revisiting the 2008 Financial Meltdown", Gatehouse Media, Inc, September, 2022.

"The Consequences of Interest Costs on U.S. Debt", Gatehouse Media, Inc, August, 2022.

"What Went Wrong in Afghanistan", Gatehouse Media, Inc, August, 2022.

"Technology is Disrupting the Transportation Industry", Gatehouse Media, Inc, July, 2022.

"The Shrinking Labor Force", Gatehouse Media, Inc, July, 2022.

"The Impact of Rising Interest Rates", Gatehouse Media, Inc, July, 2022.

"The Fed us Fighting Inflation", Gatehouse Media Inc, June, 2022.

"Corporate America and Income Inequality in the U.S.", Gatehouse Media, Inc, June, 2022.

"Why the U.S. Should be concerned China is Making Moves in America's Backyard", , Gatehouse Media, Inc, June, 2022.

"Do Economic Sanctions Work?", Gatehouse Media, Inc, May, 2022.

"Putin's Tactics in Ukraine", Gatehouse Media, Inc, May, 2022.

"Billionaire Tax", Gatehouse Media, Inc, April, 2022.

"The War in Ukraine and COVID-19", Gatehouse Media, Inc, April, 2022.

"With Household Budgets Stretched, Fed Finally Raises Interest Rates", Gatehouse Media, Inc, April, 2022.

"Prime Minister Trudeau Went Too Far", Gatehouse Media, Inc, March, 2022.

"Nothing Justifies Russia's Invasion of Ukraine", Gatehouse Media, Inc, March, 2022.

"Debt Matters in U.S.", Gatehouse Media, Inc, February, 2022.

"Traditional Conglomerates Are Moving in a New Direction", Gatehouse Media, Inc, February, 2022.

"Another Ugly Inflation Report", Gatehouse Media, Inc, January, 2022.

"The Downside of Low Interest Rates", Gatehouse Media Inc, January, 2022.

"Once the Most Valuable Company in the World: GE", Gatehouse Media, Inc, January, 2022.

"Pearl Harbor is a Day That Should Lie in Infamy", Gatehouse Media, December, 2021.

"It's Time to Hold Social Media Accountable", Gatehouse Media, December, 2021.

"Sausage Making and Build Back Better Legislation", Gatehouse Media, November, 2021.

"Fed Betting Inflation is Transitory", Gatehouse Media, November, 2021.

"The Fight Over the Debt Ceiling is Kabuki Theater", Gatehouse Media, November, 2021.

"The Ripple Effect of the Volcker Shock to the Economy", Gatehouse Media, October, 2021.

"What Will the Taliban Do?", Gatehouse Media, October, 2021.

"The Nixon Shock", Gatehouse Media, October, 2021.

"The Return of the Taliban", Gatehouse Media, September, 2021.

"What Went Wrong in Afghanistan", Gatehouse Media, September, 2021.

"Aging Infrastructure: Pay Me Now or Later", Gatehouse Media, August, 2021.

"Globalization in a Post Covid-19 World", Gatehouse Media, August, 2021.

"The Impact of Rising Interest Rates", Gatehouse Media, July 2021.

"Is the U.S. Heading Toward Another Great Inflation", Gatehouse Media, July, 2021.

"The Feds Latest Challenge", Gatehouse Media, June, 2021.

"The First Amendment and Free Speech", Gatehouse Media, June, 2021.

"The U.S., China, and Taiwan", Gatehouse Media, May, 2021.

"Electric Cars Disrupting the Automobile Industry", Gatehouse Media, May, 2021.

"Managing the Demographic Risk of an Aging Population", Gatehouse Media, April, 2021.

"Demystifying the Rule of Law", Gatehouse Media, April, 2021.

"The Threat of Rising Inflation", Gatehouse Media, March, 2021.

"Leadership Lesson: "Twelve O'clock High", Gatehouse Media, March, 2021.

"The Forgotten Tribe: America's Working Class", Gatehouse Media, February, 2021.

"Leadership Lessons: "Command Decision", Gatehouse Media, February, 2021.

"Revisiting The Tragedy of the Commons", Gatehouse Media, November 2020.

"The Powell Manifesto", Gatehouse Media, November 2020.

"Anti-Catholic Bigotry", Gatehouse Media, October 2020.

"The Rise of the New Left", Gatehouse Media, October 2020.

"Financialization of the Economy", Gatehouse Media, September 2020.

"The Debt Pandemic", Gatehouse Media, September 2020.

"Closing the Carried Interest Loophole", Gatehouse Media, August 2020.

"Executive Compensation and Inequality", Gatehouse Media, August 2020.

"Modeling is Not a Crystal Ball", Gatehouse Media, August 2020.

"COVID-19 and the Economy", Gatehouse Media, July 2020.

"The Threat of Stagflation", Gatehouse Media, July 2020.

"Strategy and the COVID-19 Pandemic", Gatehouse Media, June 2020.

"The Battle of Anacostia Flats", Gatehouse Media, June 2020.

"The President's Proposed Tax Holiday", Gatehouse Media, June 2020.

"A Strategy For Dealing With China", Gatehouse Media, May 2020.

"Hong Kong is Finished?", Gatehouse Media, May 2020.

"Humility and Effective Leadership", Gatehouse Media, May 2020.

"The Assessment of the American Automobile Industry", Gatehouse Media, May 2020.

"The Death of Hong Kong", Gatehouse Media, May 2020.

"What Went Wrong With China?", Gatehouse Media, May 2020.

[&]quot;The Downside of Low Interest Rates", Gatehouse Media, January, 2021.

[&]quot;The Fed and Inflation", Gatehouse Media, January, 2021.

[&]quot;A Day That Should Live in Infamy", Gatehouse Media, December 2020.

"China Is a Global Threat to Human Rights", Gatehouse Media, April 2020.

"Lessons From The Coronavirus", Gatehouse Media, April 2020.

"The Chinese Communist Party Propaganda Campaign", Gatehouse Media, April 2020.

"The U.S. Should Reconsider Its Relationship with The CCP", Gatehouse Media, April 2020.

"Afghanistan: Another Mission Failure", Gatehouse Media, March 2020.

"COVID-19 Is Another Gift from the Chinese Communist Party", Gatehouse Media, March 2020.

"Selling America's Security to China", Gatehouse Media, March 2020.

"Big Business Dominates the American Economy", Gatehouse Media, February 2020.

"China and The World Trade Organization", Gatehouse Media, February 2020.

"The Monarchy is an Anachronism". Gatehouse Media, January 2020.

"The Platform Economy". Gatehouse Media, January 2020.

"A Day That Should Live in Infamy". Gatehouse Media, December 2019.

"The Debt Dilemma". Gatehouse Media, December 2019.

"China: America's Greatest Threat". Gatehouse Media, November 2019.

"Poker and Risk Management". Gatehouse Media, November 2019.

"In Praise of Negative Interest Rates". Gatehouse Media, October 2019.

"Politicians Contempt for the Truth". Gatehouse Media, October 2019.

"Stakeholder Capitalism, Really?" Gatehouse Media, September 2019.

"The Merrill Lynch Story". Gatehouse Media, September 2019.

"Let Them Eat Credit". Gatehouse Media, August 2019.

"The Lehman Brothers Story". Gatehouse Media, August 2019.

"Deficits and Debt". Gatehouse Media, Inc. July 2019.

"Demography is Destiny". Gatehouse Media, Inc. July 2019.

"Labor Unions and Inequality". Gatehouse Media, Inc. June 2019.

"Economic Inequality: Crisis for Capitalism". Gatehouse Media, Inc. May 2019.

"Putting Modern Monetary Theory to the Test". Gatehouse Media, Inc. May 2019.

"Congestion Pricing is Part of the Solution to Gridlock". Gatehouse Media, Inc. April 2019.

"Not Everyone Considers Socialism a CrackerJack Idea". Gatehouse Media, Inc. April 2019.

"All Strategy is Relative". Gatehouse Media, Inc. March 2019

"Stock Market Boom Doesn't Float Everyone's Boat". Gatehouse Media, Inc. March 2019.

"Concentration of Power Hurting Economy and Consumers". Gatehouse Media, Inc. February 22, 2019.

"Self-Driving Cars Make Commuter Rail Obsolete". Boston Globe Feb. 15, 2019.

"Shifts in automobile technology and ownership will have consequences for public transit", Gatehouse Media, Inc. February 15, 2019.

"Automakers face a challenge in managing the future", Gatehouse Media, Inc. February 9, 2019.

"Find an intelligent way to deal with China and economy", Gatehouse Media, Inc.

January 26, 2019.

"Sham tax 'reform' proves more than ever that isn't about reform, it's about

money and influence", Gatehouse Media, Inc. January 6, 2019.

"A high-stakes contest for technological supremacy", Gatehouse Media, Inc.

January 4, 2019.

"Short-Term Thinking Costs General Motors, US Taxpayers", Gatehouse Media, Inc. December 22, 2018.

"A Day That Should Live in Infamy", Gatehouse Media, Inc. December 7, 2018.

"If the American Dream isn't dead, it's in Big Trouble", Gatehouse Media, Inc. Nov. 19, 2018.

"Blown Calls and Unforced Errors by the U.S.", Gatehouse Media, Inc. Nov. 6, 2018.

"The Lesson of the Sears Bankruptcy", Gatehouse Media, Inc. Oct. 21, 2018.

"Concentration of Power Benefits the Haves", Gatehouse Media, Inc. Oct. 13, 2018.

"Recession is Anything But Ancient History", Gatehouse Media, Inc. Sept. 23, 2018.

"Too Big to Jail", Gatehouse Media, Inc. Sept. 8, 2018.

"Fiat's Sergio Marchionne Leaves a Legacy Worth Remembering", Gatehouse Media, Inc. Aug. 18,

2018.

"A Safety Net for the Looming Trade War", Gatehouse Media, Inc. Aug. 4, 2018. "No Doubt About It, China Doesn't Play Fair on Trade", Gatehouse Media, Inc. July 14, 2018. "Strategy Defies Description", Gatehouse Media, Inc. June 30, 2018. "Lessons From the Great War Still Apply", Gatehouse Media, Inc. June 16, 2018. "On D-Day, The Eyes of the World Were on the Allies", Gatehouse Media, Inc. June 2, 2018. "Iraq and the Consequences of an Ill-Conceived War", Gatehouse Media, Inc. May 5, 2018. "China Follows Hamilton's Lead on Trade", Gatehouse Media, Inc. Apr. 21, 2018. "China Flexes Its Muscle in the Pacific", Gatehouse Media, Inc. Apr. 19, 2018. "Trump's Tariffs No Reason for Panic", Gatehouse Media, Inc. Apr. 7, 2018. "The Eye for an Eye Approach to Trade", Gatehouse Media, Inc. Mar. 22, 2018. "Time to Reform the Civil Service", Gatehouse Media, Inc. Mar. 10, 2018. "For Big Banks, Crime Pays", Gatehouse Media, Inc. Feb. 17, 2018. "Irresponsible Behavior on Immigration Reform", Gatehouse Media, Inc. Feb. 3, 2018. "Next Up, Entitlement Programs", Gatehouse Media, Inc. Jan. 20, 2018. "Sham Tax Reform Proves More Than Ever that Money Talks", Gatehouse Media, Inc. Jan. 6, 2018. "Corporate America Needs a 21st. Century Dragon Lady", Gatehouse Media, Inc. Dec. 22, 2017. "Imagining "It's a Wonderful Life", Gatehouse Media, Inc. Dec. 9, 2017. "Ugly as It Is, Pay Attention to Tax Bill", Gatehouse House Media, Inc. Nov. 25, 2017. "Capping Retirement Accounts is a Worrisome Tax-Cut Notion", Gatehouse Media, Inc. Nov. 11, 2017. "Transformation Takes the Fast Lane for Automakers", Gatehouse Media, Inc. Oct. 28, 2017.

"Equifax Brass Betrays America, Walks Away with a Windfall", Gatehouse Media, Inc. Oct. 14,

2017.

"Reforming Federal Flood Insurance in Wake of Hurricanes", Gatehouse Media, Inc. Sept. 30, 2017.

"Hold Wall Street Managers to Account", Gatehouse Media, Sept. 16, 2017.

"Hero CEOs Need to Look in the Mirror about Economic Inequality", Gatehouse Media, Sept. 2, 2017.

"In Search of Strategy", Gatehouse Media, Inc. August 19, 2017. "Too Big to Fail" Gatehouse Media, Inc. August 5, 2017.

"Time to Move on from the War on Drugs", Gatehouse Media, Inc. July 22, 2017.

"A Professor Who Made His Mark", Gatehouse Media, Inc. July 8, 2017.

"The Marshall Plan and China's "belt and road" Strategy", Gatehouse Media, Inc. June 24, 2017.

"Tax Code Needs Lower Rates, Broader Base", Gatehouse Media, Inc. June 10, 2017.

"Whole Foods Feels the Pinch of a Changing Market", Gatehouse Media, Inc. May 27, 2017.

"Rich Getting Richer is No Accident", Gatehouse Media, Inc. May 13, 2017.

"Technology Turns Reality on its Head", Gatehouse Media, Inc. April 29, 2017.

"Private Firms Offer a Route to Financing Infrastructure", Gatehouse Media, Inc. April 15, 2017.

"No Easy or Cheap Fix for America's Infrastructure", Gatehouse Media, Inc. April 1, 2017.

"Weighing the Risks on Responding to North Korea", Gatehouse Media, Inc. Mar. 18, 2017.

"Technology Transforming the Auto Industry", Gatehouse Media, Inc. Mar. 4, 2017.

"Widening Gap between Rich and Poor a Challenge for Capitalism", Gatehouse Media, Inc. Feb. 18, 2017.

"Put a Money Back Guarantee on Infrastructure Work", Gatehouse Media, Inc. Feb. 4, 2017.

"Automakers under Press to Reinvent the Industry", Gatehouse Media, Inc. Jan 21, 2017.

"In Afghanistan, Little to Show for America's Longest War", Gatehouse Media, Inc. Jan. 7, 2017.

"Make High Earners Save Social Security", Gatehouse Media, Inc. Dec. 23, 2016.

"Infrastructure Yes, But Not Just Any Infrastructure", Gatehouse Media, Inc. Dec. 10, 2016.

"Civil and Military Success Depends on Adapting Strategy", Gatehouse Media, Inc. Nov. 26, 2016.

"Infrastructure Spending Must Look Forward", Gatehouse Media, Inc. Nov. 12, 2016.

"Fraud is Just Another Way Bankers Operate", Gatehouse Media, Inc. Oct. 30, 2016.

"Give Shareholders More Say in Picking Directors", Gatehouse Media, Inc. Oct. 9, 2016.

"AIG's \$180 Billion Bailout Still Stings", Gatehouse Media, Inc. Sept. 16, 2016.

"The Merger That Hurt", Gatehouse Media, Inc. Sept. 3, 2016.

"Eliminating the Corporate Income Tax", Gatehouse Media, Inc. August 27, 2016.

"All-Female Ghostbusters Beget Myth Buster", Gatehouse Media, Inc. August 6, 2016.

"Stock Buybacks Do Nothing for Most of Us", Gatehouse Media, Inc. July 23. 2016.

"Aftermath of the Brexit Vote", Gatehouse Media, July 9, 2016.

"Low Interest rates are not working for Most Americans", Gatehouse Media, Inc. June 11, 2016.

"Iraq, Afghanistan and a Lesson of War from WW I", Gatehouse Media, Inc. June 6, 2016.

"Presidential Candidates Run from National Debt", Gatehouse Media, Inc. May 27, 2016.

"Stock Options for Executives Carry Unintended Consequences", Gatehouse Media, Inc. May 14, 2016.

"Repeal of Depression Era Banking Law Kindled the 2008 Recession", Gatehouse Media, Inc. April 30, 2016.

"Free Trade Doesn't Work for Most Americans", Gatehouse Media, Inc. April 19, 2016.

"Trump and Sanders May Have It Right on Free Trade", Gatehouse Media, Inc. April 2, 2016.

"Why Good Job Numbers Leave Us Feeling Mad, Sad & Worried", Gatehouse Media, Inc. March 18, 2016.

"Remembering the Day That Was Too Big To Forget", Gatehouse Media, Inc. March 4, 2016.
"Don't Be Surprised When Banks Charge for Deposits", Gatehouse Media, Inc. February 20, 2016.
"How Do We Keep American Companies At Home", Gatehouse Media, Inc. February 5, 2016.
"Middle East Tensions Straining US – Saudi Special Relationship", Gatehouse Media, Inc. January

22, 2016.

"Echoes of a Bloody Past Haunt 21st Century", Gatehouse Media, Inc. January 8, 2016. "What a Victory Over ISIS Would Look Like", Gatehouse Media, Inc. January 1, 2016. "When It Comes to Syria, Let Iraq Be the Lesson", Gatehouse Media, Inc. Dec. 18, 2015. "How Americans Became Soft Targets", Gatehouse Media, Inc. December 12, 2015. "Why Should Americans Trust Refugee Process?", Gatehouse Media, Inc. November 28, 2015. "Corporate Mergers and Income Inequality", Gatehouse Media, Inc. November 14, 2015. "When Corporations Treat Society Like Casinos", Gatehouse Media, Inc. October 23, 2015. "Corporation's Interest vs. The Public Interest", Gatehouse Media, Inc. Oct. 9, 2015. "U.S. Trade Policy", Gatehouse Media Inc. October 5, 2015. "The Lure of Something for Nothing Banking Practices", Sept. 26, 2015. "Google and Its New Vision", Gatehouse Media, Inc. Sept. 18, 2015. "The Fed and Interest Rates", Gatehouse Media, Inc. September 12, 2015. "Assessing the Impact of Interest Rate Increases", Gatehouse Media, Inc. Sept. 12, 2015. "Foolish Inconsistencies", Gatehouse Media, Inc. September 5, 2015. "The Folly of Carried Interest", Gatehouse Media, Inc. September 4, 2015. "China in a Currency War with the U.S.", Gatehouse Media Inc. August 22, 2015. "Oligopolies and Your Wallet", Gatehouse Media Inc. August 17, 2015. "China's Power over Interest Rates", Gatehouse Media Inc. August 13, 2015. "Our Puerto Rico Problem", Gatehouse Media Inc. August 7, 2015. "Greece's Failed Economy", Gatehouse Media Inc. July 25, 2015. "Why Politicians Lie", Gatehouse Media Inc. July 18, 2015. "Work Life Challenges", Gatehouse Media Inc. July 18, 2015.

"U.S. To Prosper Again", Gatehouse Media Inc. July 6, 2015.

"Funding Public Pensions", Gatehouse Media Inc. June 26, 2015.

"Argument for Free Trade Globalony", Gatehouse Media Inc. June 13, 2015.

"Limit Low Wage Immigration", Gatehouse Media Inc. May 23, 2015.

"An Agenda for the MBTA", Gatehouse Media, Inc. May 15, 2015.

"The Allure of Wall Street", Gatehouse Media Inc. May 8, 2015.

"The Transpacific Trade Partnership", Gatehouse Media Inc. April 30, 2015.

"Greed isn't the Only Game on Wall Street", Gatehouse Media Inc. April 25, 2015.

"General Electric Revisited", Gatehouse Media Inc. April 18, 2015.

"When Multi-Culturalism Clashes with Women's Rights", Gatehouse Media Inc. Apr.16, 2015.

"An Inconvenient Fix to the Immigration Problem", Gatehouse Media Inc. April 11, 2015.

"Fast Food Fight", Gatehouse Media Inc. April 4, 2015.

"Bonuses on Wall St. at Expense of Main Street", Gatehouse Media, Inc. March 28, 2015.

"Boston 2024's Shadow Government", Gatehouse Media, Inc. March 21, 2015.

"Earmarks Actually What Government Need", Gatehouse Media, Inc. March 14, 2015.

"Making the Most of Retirement Funds", Gatehouse Media, Inc. March 7, 2015.

"MBTA's Snow Job", Gatehouse Media, Inc. February 28, 2015.

"MBTA's Disaster Could Be A Blessing", Gatehouse Media, Inc. February 21, 2015.

"Tax Code isn't Rocket Science", Gatehouse Media, Inc. February 7, 2015.

"When Fiction is Too Much Fact", Gatehouse Media, Inc. January 31, 2015.

"Tears for Insider Traders", Gatehouse Media, Inc. Jan. 24, 2015.

"Insider Trading Better Defined", Gatehouse Media, Inc. January 10, 2015.

"New Year Resolutions", Gatehouse Media, Inc. January 3, 2015.

"Congress Must Open Its Eyes to Carried Interest", Gatehouse Media, Inc. December 27, 2014.

"A Day That Should Live in Infamy", Gatehouse Media, Inc. Dec. 6, 2014.

"Don't Be Fooled by Drop in Oil Prices", Gatehouse Media, Inc. December 2, 2014.

"The Beginning of another Bank Crisis", Gatehouse Media, Inc. November 8, 2014.

"Dancing on the Edge of Absurdity", Gatehouse Media, Inc. Dec. 12, 2014.

"Federal Reserve, Americans Must Listen to Carmen Segerra", Gatehouse Media, Inc. October 11, 2014.

"The Mean Teeth of the Great Depression", Gatehouse Media, Inc. September 27, 2014.

"The Federal Reserve and Regulatory Failure", Gatehouse Media, Inc. September 8, 2014.

"The Collapse of Lehman Brothers", Gatehouse Media, Inc. Sept. 5, 2014.

"Corporate America Tax Reform", Gatehouse Media, Inc. August 30, 2014.

"Potholes Sink While Pensions Soar", Gatehouse Media, Inc. August 23, 2014.

"Market Basket Stakeholders", Gatehouse Media, Inc. August 16, 2014.

"The Unimaginable Catastrophe of World War I", Gatehouse Media, Inc. August 9, 2014.

"Corporate Tax Inversions", Gatehouse Media, Inc. August 1, 2014.

"Is Education Meeting the Economy's Needs?", Gatehouse Media, Inc. July 19, 2014.

"The Slide of the Average American", Gatehouse Media, Inc. July 19, 2014.

"Congress Should Hike Fuel Tax", Providence Journal July 18, 2014. (co-author Charles Chieppo)

"The Strategic Failure at Pearl Harbor", Gatehouse Media, Inc. July 12, 2014.

"The Highway Trust Fund is Crumbling", Gatehouse Media, Inc. July 12, 2014.

"The DC Tempest over the Export-Import Bank", Gatehouse Media, Inc. July 5, 2014.

"World War I and Beyond", Gatehouse Media, Inc. June 28, 2014.

"Uber is Taking Taxicab Industry for a Bumpy Ride", Gatehouse Media, Inc. June 21, 2014.

"Millennials Less Car Crazy than Parents", Providence Journal, June 17, 2014. (co-author Charles Chieppo)

"Be Careful of Trade-Offs with Cap and Trade", Gatehouse Media, Inc. June 14, 2014.

"America Mugged by Good Intentions on Carbon", Gatehouse Media, Inc. June 7, 2014.

"Reforming the Veteran's Administration", Gatehouse Media, Inc. May 30, 2014.

"Laboring Over Obama's Trade Deal", Gatehouse Media, Inc. May 29, 2014.

"GM: The Art of the Recall", Gatehouse Media, Inc. May 28, 2014.

"Corporations & Integrity", Gatehouse Media, Inc. May 10, 2014.

"GM: Too Big to Fail?" Gatehouse Media, Inc. May 2, 2014.

"Privatization is as American as Handguns", Gatehouse Media, Inc. April 29, 2014.

"Greenspan's Folly", Gatehouse Media, Inc. April 25, 2014.

"Gianni's Miracle", Gatehouse Media, Inc. April 5, 2014.

"Why Not Privatize Public Jobs", Gatehouse Media, Inc. March 15, 2014.

"Mayor Walsh's Legislative Skills Needed", Commonwealth Magazine. March 4, 2014.

"Road Pricing and the Tragedy of the Commons", Gatehouse Media, Inc. March 1, 2014.

"Obamacare: Too Much of a Headache", Gatehouse Media, Inc. February 15, 2014.

"The Minimum Wage and Inflation", Gatehouse Media, Inc. February 15, 2014.

"America's Guns of August", Gatehouse Media, Inc. January 25, 2014.

"Balancing Technological Advances in Transportation", Commonwealth Magazine. January 11, 2014.

"Every American Enterprise Requires Strategy", Gatehouse Media, Inc. December 28, 2013.

"How America Can Become a Job Creator", Gatehouse Media, Inc. December 14, 2013.

"The Fed Takes Middle Class to the Cleaners", Gatehouse Media, Inc. October 19, 2013.

"While America's Losses Mount, The Top 1% Make Huge Gains", Gatehouse Media, Inc. October 5, 2013.

"The Truth Behind Those Unemployment Figures", Gatehouse Media, Inc. September 26, 2013.

"The Continuing Resolution Continues in Washington", Gatehouse Media, Inc. September 7, 2013.

"Reform on Wall Street No Help to Investors", Gatehouse Media, Inc. August 31, 2013.

"Wall Street Lexicon", Gatehouse Media, Inc. August 30, 2013.

"The Charms of Group Purchasing", Gatehouse Media, Inc. August 24, 2013.

"Reasons for Hope in Detroit's Bankruptcy", Gatehouse Media, Inc. August 17, 2013.

"Applying Radford's "Economic Organization" to Economists" Gatehouse Media, Inc. August 10, 2013.

"Privatization: Old Wine in New Bottles", Gatehouse Media, Inc. August 3, 2013.

"So Let's Talk About Insider Trading", Gatehouse Media, Inc. July 27, 2013.

"Insider Trading", Gatehouse Media, Inc. July 27, 2013.

"The Realities of America's So-Called Golden Age", Gatehouse Media, Inc. July 20, 2013.

"America Needs Jobs and Needs Them Now", Gatehouse Media, Inc. July 8, 2013.

"The Salacious Relationship between a Man and His Gun", Gatehouse Media, Inc. July 1, 2013.

"Wall Street Fat Cats", Gatehouse Media, Inc. June 23, 2013.

"Wall Street's Two-Martini Lunch", Gatehouse Media, Inc. June 22, 2013.

"The Resurgence of Gatsby-On Wall Street", Gatehouse Media, Inc. June 15, 2013.

"The Dirty Secret about Student Loan Debt", Gatehouse Media, Inc. June 8, 2013.

"Charge Drivers to Use Highways", Gatehouse Media, Inc. June 3, 2013.

"Another Housing House of Cards", Gatehouse Media, Inc. May 18, 2013.

"Congress and the President Compromise", Gatehouse Media, Inc. May 4, 2013.

"Congress and the President can Compromise – To Protect Themselves", Gatehouse Media, Inc. May 4, 2013.

"Unemployment Rate Ignores Millions", Gatehouse Media, Inc. April 27, 2013.

"Not Such a Wonderful Life When Fed Gets Involved", Gatehouse Media, Inc. April 21, 2013.

"Why Wall Street's Value at Risk Models Matter to You", Gatehouse Media, Inc. April 7, 2013. "

Cyprus Crisis Can't Happen in U.S.-Right?" Gatehouse Media, Inc. April 6, 2013.

"The Tigers of Wall Street", Gatehouse Media, Inc. March 23, 2013.

"How (Not) to Address America's Transportation Infrastructure", Gatehouse Media, Inc. March 12, 2013.

"Transportation and Sequestration", Gatehouse Media, Inc. March 9, 2013.

"Is Hagel Qualified to be CEO?", Gatehouse Media, Inc. February 23, 2013.

"Why the Case Against Standard & Poor's Matters to You", Gatehouse Media, Inc. February 9, 2013.

"Congress and the Fiscal Road Ahead", Gatehouse Media, Inc. February 2, 2013.

"Congress Has Come to a Fork in the Road" Gatehouse House Media, Inc. February 2, 2013.

"The Existential Polarization of America", Gatehouse Media, Inc. January 22, 2013.

"Congress Averts Immediate Crisis", Gatehouse Media, Inc. January 12, 2013.

"Chaining Seniors to Poverty", Gatehouse Media, Inc. December 29, 2012.

"The Federal Reserve and Paper Money", Gatehouse Media, Inc. December 22, 2012.

"America's Debt is the Real Fiscal Cliff", Gatehouse Media, Inc. December 15, 2012.

"Unemployment Make the American Dream a Nightmare", Gatehouse Media, Inc. December 1, 2012.

"America and Its Problems, Make It Hard to Love", Gatehouse Media, Inc. November 24, 2012.

"The Biggest Tax Increase in American History", Gatehouse Media, Inc. November 17, 2012.

"Solving Today's Problems with Yesterday's Solutions", Gatehouse Media, Inc. November 3, 2012.

"Political Chasm between Rich and Working Class", Gatehouse Media, Inc. October 20, 2012.

"Separating Market Myths from Economic Reality", Gatehouse Media, Inc. October 19, 2012.

"Invest in Capital Partnerships", Gatehouse Media, Inc. September 29, 2012.

"Baby Boomers: A Grim Road to Retirement", Gatehouse Media, Inc. September 12, 2012.

"A National Pension System", Gatehouse Media, Inc. September 1, 2012.

"Big Banks Behaving Badly", Gatehouse Media, Inc. August 21, 2012.

"Questionable Social Security Math", Gatehouse Media, Inc. July 7, 2012.

"Colleges are Biggest Beneficiary of Student Loans", Gatehouse Media, Inc. June 27, 2012.

"Congress Ignores Key Route to Recovery", Gatehouse Media, Inc. June 18, 2012.

"Morgan Chase Show How Little We Have Learned", Gatehouse Media, Inc. May 15, 2012.

"MBTA Financial Plan is a Band Aid", Gatehouse Media, Inc. April 28, 2012.

"Transportation Fiefdoms: A Roadblock to Share Goals", Gatehouse Media, Inc. March 4, 2012.

"Rhetoric: A Major Roadblock to Transportation Policy", Gatehouse Media, Inc., February 3, 2012.

"Let's Get Real About Transportation Policy in the USA", Edge Magazine, London, England, January 31, 2011.

"Politics Trumps Economics", Gatehouse Media, Inc., January 12, 2012.

"Debt Financing Practices" Transportation Research Board, Washington, D.C. Spring 2010.

"Driving Questions: Developing a National Transportation Strategy" Tollways, Vol. 4 (3), 2007.

"Market-Based Transportation Technology Diffusion" (with J. Friar) ITS Newsletter, Fall 2007.

"The Coming Convergence of Tollways and Public Transit Systems" Tollways, Volume 4 (2), 2007.

"Panning for Tomorrow's Transit Needs Today" Boston Globe, May 24, 2007.

"American's Transportation Future" American Outlook, Hudson Institute. August 2005.

"Strategic Notes: Charlie Card Service Improvements" MBTA Annual Report. August 2005.

"You Have to Pay If You Want to Play" Transportation Research Board. January 2005.

"Highway Robbery is Alive and Well" Tollways, Volume 1 (1), 2004.

"Everything You Need to Know about Corporate Governance You Learned in Kindergarten" American Outlook, Hudson Institute. Fall 2004.

"Innovation in Financing Major Projects" (with Daniel J. McCarthy) Transportation Research Board Journal, August 2003.

"The United States of Latin America" American Outlook, Hudson Institute. Summer 2003.

"Creating Customers" Public Works Management & Policy Review, Volume 7 (4), April 2003.

"Road to Recovery" American Outlook, Hudson Institute. Winter 2002.

"The Impact of September 11th" Transportation Quarterly, ENO Foundation, Volume 56 (4), Fall 2002.

"Finance and the Visible Hand of Technology in Transportation Finance" (with Daniel J. McCarthy) Transportation Research Board Journal, November 2002.

"New Transportation Initiatives and Demands on Financing" Transportation Research Board Journal, October 2002.

"The Impact of Technology on Roadway Operations and Financing" Transportation Research Board Journal, August 2000.

"Financing Transportation in Large U.S. Cities" Transportation Research Board Journal, Fall 1999. "Funding Transportation and Infrastructure Needs: A Scenario" ITS Quarterly, Volume 7(3), Fall 1999.

"Strategic Alternatives for Financing the Highway System" (with Jon Williams) TR News Transportation Research Board, Fall 1998.

"Public-Private Partnerships: Brave New World" (with William D. Ankner) TR News Transportation Research Board, Summer 1998.

"Why Governments Lie? The Case for Intellectual Dishonesty" American Outlook, Hudson Institute, Winter 1998.

"Private Roads and Public Benefits" The World & I, Volume 12 (9), September 1997.

"Expand Highway Funding Tools" Engineering News Record, McGraw Hill, January 1997.

"The New Paradigm in Financing Transportation Infrastructure" ITS Quarterly, Volume 4 (3), Summer 1996.

"The Federal Government's Role in a Post-Interstate Era" Part Two, The Bond Buyer, November 13, 1995.

"The Federal Government's Role in a Post-Interstate Era" Part One, The Bond Buyer, November 6, 1995.

"Mexico's Search for a New Economy" The Bond Buyer, January 3, 1995.

"Beyond Municipals: Forging a National Agenda for Economic Growth and Global Leadership" (with

George D. Friedlander) The Bond Buyer, December 27, 1994.

"The New Infrastructure Paradigm" (with Ronald J. Marino) Public Works Financing, December

1994. "Health Care User Fees" (with Frederick A. Hessler) Infrastructure Finance, Fall 1992.

"New Jersey's Road to Savings" The Record, February 1991.

"Financing Urban Transportation" Civil Engineering Magazine, American Society of Civil Engineers, Fall 1990.

"Environmental Problems: Home Rule is Hurting the Search for Solutions" The New York Times, September 23, 1990.

"The Cost of Unlocking the Grid" Airline Business, May 1989.

"For a Bank to Finance Bridges, Roads, and Sewers" The New York Times, October 29, 1983.

SERVICE

Journal Editorial Boards and Reviews

Edited "Using Technology to Improve Transportation" (co-editor Steve Poftak) Harvard Kennedy School and Rappaport Institute for Greater Boston 2013.

Elected to the International Bridge and Tunnel Association Research Board Foundation 2011. Edited "Keep Moving: Transportation Reforms Beyond Revenue" (co-editor Steve Poftak) Pioneer Institute, Boston, MA. May 26, 2010.

Serve on the Editorial Board of "Tollways", Published by the International Bridge and Tunnel Association.

Ad Hoc reviewer for the Transportation Research Board, one of the six Major divisions of the National Research Council that is the principal operating agency of the National Academy of Science.

Over the past three years, I have reviewed three Major research reports: Transportation Technology Transfer, Estimating Toll Road Demand and Elasticity, and Debt Financing Practices. Also, I review research reports for the Pioneer Institute, The Intelligent Transportation Society of America (a federally charted organization) and the North American Transportation Competitiveness Council.

PRESENTATIONS

Selected Conference Presentations Since 2007 (Presenter and Author)

"Introduction to Strategic Decision-Making", The Greater Boston Chamber of Commerce, August 31, 2017.

"How to Develop a Competitive Advantage", The Econolite Group, Los Angles, California, Non-Academic (July 9, 2013).

"The Charms and Challenges of Group Purchasing", Northeast Association of State Transportation Officials, Portland Maine, Non-Academic. (June 9, 2013).

"Developing a Corporate Strategy", MA. Convention Center Authority, Boston, MA. Non-Academic. (May 8, 2013).

"Using Technology to Improve Transportation", Joint Conference with Kennedy School, Harvard University, Boston, MA. Non-Academic, Regional. (May 7, 2013).

"Optimizing Fleet Management for New Hampshire", Final Report, NH Department of Transportation, Local. (February 23, 2013).

"Financing Technology", ITSA Annual Meeting, Washington D.C. Non-Academic, National. (August 7, 2012).

"The Future of Technology and Transportation", Econolite Group, Washington, D.C. National. (June 12, 2012).

"The Pros and Cons of Free Trade", Wisconsin Trade Association, Washington D.C., Non- Academic, National. (April 18, 2012).

"The Future Transportation Network" Transportation Research Board, National Institute of Science, Annual Summer Meeting, Boston, MA. July 10, 2011.

"Technology and Transportation" American Association of State Highway and Transportation Officials Boston, MA. June 21, 2011.

"How to Finance Public Transportation" American Public Transportation Association Boston, MA. June 13, 2011.

"What the Future Holds-Intelligent Vehicles and Infrastructure" The Intelligent Transportation Society of New York Albany, New York June 9, 2011.

"The Value of Group Purchasing in Transportation" Northeast Association of State Highway and Transportation Officials Mystic Conn. June 5, 2011.

"The Efficacy of Infrastructure Banks" Suffolk Law School Program on Infrastructure Financing, Boston, MA. April 26, 2011.

"Taking Stock", TRC Solutions, Inc., Springfield MA. August 25, 2010.

"Economic Growth and Infrastructure Investment" Intelligent Transportation Society of America,

Gettysburg, PA. August 4, 2010.

"Managing Public Authorities" New Jersey Department of Transportation, July 22, 2010. "Meeting the

U.S. Fiscal Challenges" New Jersey Turnpike, Garden State Parkway Authority

and South New Jersey Authority Forum, July 21, 2010.

"Keep Moving: Transportation Reforms Beyond Revenue" Pioneer Institute Boston, May 26, 2010.

"Letting the Market Work: Pricing and Choice", Mobility Choice Coalition, Washington, D.C. May

25, 2010.

"Deploying Intelligent Transportation Technology", Intelligent Transportation Society of America, Houston, Texas, May 4, 2010.

"Reform Without Revenue" Intelligent Transportation Society, Boston, MA. April 29, 2010. "Finance and Technology", Transportation Research Board, National Institute of Science, Washington, D.C. January 13, 2010.

"Lessons from the American Experience with Public-Private Partnerships". Annual Government Research Association Conference, Boston, MA. August 4, 2008.

"Developing a Transportation Vision for the U.S.". Annual Meeting of the North Jersey Planning Authority, Newark, New Jersey June 26, 2008.

"How to Finance Urban Transportation". Annual Meeting of the Medical Academy & Scientific Community Organization, Inc., Boston, MA. June 12, 2008.

"A Critique of the U.S. Transportation Funding Program". Transportation Transformation Group meeting in Washington, D.C. June 5, 2008.

"Alternative Funding Arrangements for Transportation". Annual Meeting of the MA. Chapter of ITSA, Boston, MA. April 14, 2008.

"Future Funding Options". World Research Toll Roads Conference, Washington, D.C. February 27, 2008.

"Privatization and Real Estate Development". Harvard Business School Real Estate Symposium, February 9, 2008.

"Finance and Technology in Transportation". Chief Executive Officer Summit of the MA. Business Roundtable, Boston, MA. February 7, 2008.

"Pricing and Technology". IBTTA 4th Annual Finance Conference, Washington, D.C. December 4, 2007.

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"The Charms of Privatization". Miami Dade Expressway Board Meeting, Miami, Florida October 23, 2007.

"The State of America's Transportation Network". Municipal Bond Association Annual Meeting,

Boston, MA. October 18, 2007.

"Infrastructure Financing". ITS World Congress, Beijing, China October 12, 2007.

"A Transportation Ecosystem" (with J. Friar) ITS World Congress, Beijing, China October 11, 2007. "Finance and the Visible Hand of Technology". IBTTA Annual Meeting, Vienna, Austria, October 9, 2007.

"Financing Alternatives for Transportation". Financing Conference at the University of MA. in

Amherst, MA. October 2, 2007.

"Transportation Finance in the Commonwealth". Pioneer Institute Conference on Economic

Development, Boston, MA. September 11, 2007.

"A Strategy for Surface Transportation". Texas Department of Transportation Annual Conference, Dallas, Texas August 22, 2007.

"Financing Technology in the Transportation Arena". ITSA Summer Meeting, Santa Fe, New Mexico August 15, 2007.

"A Transportation Strategy for the 21st Century". Texas Transportation Forum, Dallas Texas August 10, 2007.

"Financing and Privatization for Surface Transportation". Brookings Institute, Belagio, Italy July 16, 2007.

"Transportation Financing in the 21st Century". New York State Department of Transportation Conference, Albany, New York June 28, 2007.

"New Strategies for Public Transit". U.S. Federal Transit Administration Seminar, Washington, D.C. June 19, 2007.

"Transportation Finance". Association of Chartered Engineers Annual Meeting, Ottawa, Canada June 11, 2007.

"Strategy and Tactics for Deploying Technology". ITSA Annual Meeting (Plenary Session), Palm Springs, California June 5, 2007.

"Commercializing Transportation Technology" ITSA Annual Meeting, State Chapters, Palm Springs, California June 3, 2007.

"Finance and Transportation in the Next Decade". AASHTO Transportation Summit, Cambridge, Maryland May 21, 2007.

"Vehicle Integrated Infrastructure and Financing". OMNI Air Consortium Annual Meeting, Austin,

Texas April 23, 2007.

"Congestion Pricing and Electronic Toll Collection". WSJ Conference, Washington, D.C. February 27, 2007.

"Public-Private Partnerships". Blustein Institute at Rutgers University Conference on Privatization, New Brunswick, New Jersey January 31, 2007.

"A Transportation Strategy for the 21st Century". Econolite Corporation Transportation Summit, Palm Springs, California January 16, 2007.