ROBERT E. CARPENTER

Office of the Provost

UMBC 1000 Hilltop Circle

 Baltimore MD 21250

bobc@umbc.edu

##### Leadership Experience

2018-present Deputy Chief Information Officer

* Portfolio includes development and enhancement of business intelligence, data science, and student success technologies; project owner for high value enterprise and student facing systems, including the student information portal
* Provide leadership for strategic planning efforts within the Division of Information Technology and the university’s analytics roadmap
* Serve as project lead and owner for the selection, acquisition, implementation, training, and use of vendor analytics-software and data warehouse products to support student success and institutional effectiveness initiatives, the strategic plan, and the findings of the most recent accreditation Self-Study
* Lead the development of in-house predictive models that support the university’s strategic goals (e.g., early alert models, graduation and persistence, enrollment yield)
* Design, prototype, and operationalize a data and analytics portal that includes business intelligence dashboards to provide easy access and an intuitive presentation of key performance indicators in the university’s strategic plan. This includes the development of our new advising platform
* Deepen and broaden the university’s institutional capacity to use e-learning data, techniques, and tools that improve student success and support UMBCs strategic imperatives. Building a faculty-driven center for learning analytics and learning sciences to change culture and support data-informed practices in key courses
* Serve as a liaison between the Division of Information Technology and Academic Affairs to improve the effectiveness of their partnership in developing, piloting, and combining analytics and IT tools into an ecosystem to improve the student experience

2016-present Associate Provost for Analytics and Institutional Assessment and

2014-2016 Special Assistant to the Provost for Institutional Effectiveness

* Charged with leading the construction of a unified analytics infrastructure to benefit the campus and its stakeholders
* Develop strategies and organizational designs to help improve resource allocation, student success, and enhance the use of analytics to make and assess decisions in support of UMBC’s strategic plan. These efforts require extensive collaboration to coordinate efforts and programs within Academic Affairs and across the university’s major divisions
* Deepen and broaden the university’s capacity to understand and act on marketing and recruiting data to support the strategic enrollment plan (*the recruitment cycle*)
* Deepen and broaden the university’s capacity to understand and act on data relevant to student success and progression (*the retention cycle*)
* Work extensively and transparently with faculty leadership to build community around the increased use of data and analytics. Developed the Learning Analytics Community of Practice to sponsor and support faculty research projects
* Developed use-cases and a strategic vision for vendor tools that has led to UMBC being invited to consult and serve as a partner on new vendor products and to build new capabilities into existing vendor platforms
* Co-chaired and serve on the University Undergraduate Student Success Committee and its Executive Committee. This group’s focus is on broader university-level initiatives and the development of strategic budget proposals to support student success
* Formed and chaired a cross divisional Persistence Committee that used predictive models and the capabilities of the data warehouse to identify students needing additional support and take action to assist them.
	+ Developed a Persistence Report that identifies and makes accessible actionable lists of at-risk students (including key risk factors associated with each student). Develop and test outreach campaigns to support groups of students exhibiting higher-risk academic behavior
* Develop and design the use of innovative messaging combined with predictive analytics and IT tools that improve student persistence and student class performance (i.e., nudge campaigns)
* Design, pilot, and fund analysis coupled with interventions designed to increase student retention and improve student outcomes in foundational math courses and non-STEM quantitative courses. Examples include:
	+ A foundational math course tutoring campaign that approximately doubled early semester usage among course repeaters relative to the previous year. Early responders to the nudge exhibited a DFW rate (i.e., the proportion of students with grades below “C”) approximately 15 percentage points lower than the untreated group
	+ An Introductory Accounting supplemental-instruction campaign (a low success-rate course) that lead to intervention usage rates approximately double that of foundational math tutoring and a DFW rate among treated students approximately one-third as large as the untreated group

2015-2016 President of the Board of Directors, Hope Forward (formerly the Maryland Foster Youth Resource Center)

* Rapidly developed and implemented cost containment policies during a period of financial exigency. Assumed the role during a period of core business upheaval and legal uncertainty
* Developed effective policies to support programs and maintain services to transitional foster youth during the search for a strategic partner
* Negotiated and managed the absorption of the organization into large strategic partner that enhanced services to transitioning foster youth by providing workforce skills in addition to emergency services

2014-2016 Co-Chair, University Middle States Accreditation Steering Committee

* Organized, staffed, set strategy, led, and managed all phases of the university’s decennial accreditation process. The overall organization involved eight working groups, including a project management group, and the direct participation of approximately 75 people
* Principal author of the self-study’s chapter on mission and goals and its concluding chapter, and recommendations
* Positive result with no accreditor recommendations

2008-2014 Lead Financial Economist, Federal Reserve Bank of Richmond, and

2006-2008 Senior Financial Economist, Federal Reserve Bank of Richmond

* Functionally equivalent to a chief economist or academic department chair
* My charge was to set the organizational structure, build, manage, and determine the research priorities of an “emerging risk group” within Banking Supervision and Regulation that made policy recommendations to the leadership of Banking Supervision and the President of the Federal Reserve Bank of Richmond during the financial crisis. This group grew from zero to nine economists and quantitative analysts spread over four cities
* Developed a communications strategy that prioritized and distributed analysis and insights through the Federal Reserve System. Created three products, one with a daily production cycle that provided a dashboard of risk indicators and analysis to senior regulatory officials during the most acute phase of the financial crisis
* Represented the Bank to professional and academic groups, nationally and internationally, and to the public, to explain the crisis and emerging and exigent risk factors, Bank and regulatory responses to them, and current and prospective macroeconomic conditions
* Served as Vice Chair of the Richmond Reserve Bank’s Risk Prioritization Committee. Advised the bank president and the head of supervision on financial market conditions, spillovers, and the impact of proposed regulatory policies during the financial crisis and the associated economic contraction

2004-2005 President, UMBC Faculty Senate

* Served as an active participant of the president’s cabinet and on approximately a dozen university-wide committees including budget, strategic planning, and accreditation. (UMBC has a very strong shared-governance process.)
* Coordinated and led the Senate during a period of budgetary strain and reorganization of the university’s colleges
	+ Constructed a set of primers to help senators better understand technical budget issues (e.g., structural budget deficits, funding attached to vacant salary lines)
	+ Employed rarely-used Senate processes to ensure that all academic departments and faculty had voice in the proposed reorganization of UMBC’s colleges
	+ Led and participated in discussions setting salary review processes and guidelines for part-time faculty, and enhanced salary increments attached to the promotion of full-time and tenured faculty
* Coordinated the activities of more than nine standing and ad hoc committees that involved more than 100 members of the community

##### Experience in Higher Education

2012-present Professor of Economics and Public Policy, University of Maryland, Baltimore County

2002-present Faculty Associate, Maryland Institute for Policy Analysis and Research

2002-2012 Associate Professor of Economics, University of Maryland Baltimore County

2002-2003 Research Associate, Alex Brown Center for Science and Technology Entrepreneurship

1999-2002 Assistant Professor of Economics, University of Maryland Baltimore County

1992-1999 Assistant Professor of Economics, Emory University

1991 Lecturer, Southern Illinois University at Edwardsville

1990-1991 Senior Teaching Fellow, Washington University

# Experience in Other than Higher Education

2021-present Education and Research Data Fellow, Anthology

2014 Visiting Scholar, Federal Reserve Bank of Richmond­

2001-2012 Research Fellow, The Levy Economics Institute at Bard College

2005-2007 Consultant, Constellation Energy Commodities Group

2002-2004 Consultant, National Academies of Science, Policy and Global Affairs Division

2004 Consultant, United States Department of Commerce, National Institute for Standards and Technology, Advanced Technology Program

# Boards, Councils, and Commissions

2017-2020 Executive Committee, Association of Public Land Grant Universities, Commission on Information, Analysis, and Measurement (CIMA)

2017-2018 Partnership Leadership Council, Civitas Learning

2016-2019 Board of Directors (fiduciary), Baltimore Beltway Realty Corporation

2016-2017 Product Advisory Council, EAB

2014-2017 Community Leadership Board, YMCA of Central Maryland

2015-2016 President, Hope Forward (formerly the Maryland Foster Youth Resource Center)

2014-2016 Board of Directors (fiduciary), Hope Forward (formerly the Maryland Foster Youth Resource Center)

# Education

Ph.D. 1992 Washington University in St. Louis, Economics

M.A. 1988 Washington University in St. Louis, Economics

B.A. 1986 University of Michigan-Flint, Economics

**Professional and Service Learning**

Educause Leadership Program, 2018

Institute for Management and Leadership in Education (MLE), Harvard Graduate School of Education, 2017

The Leadership, A Program of the Greater Baltimore Committee, 2013

Financial Analysis and Risk Management (FARM), Federal Reserve System, 2010

Banking Analysis and Supervisory Examinations (BASE), Federal Reserve System, 2009

# Publications

***Academic Journal Articles: Peer Reviewed:***

The Temporary Shutdown Decision: Lessons from the Great Recession*, Managerial and Decision Economics*, 40, October 2019, 772-786 (with James Brown and Bruce Petersen)

Triangulating Student Engagement with “Built & Bought” Learning Analytics, in *Emerging Trends in Learning Analytics: Leveraging the Power of Education Data,* Myint Swe Khine, editor, Brill, April 2019, 158-174 (with John Fritz)

The Other Capital Infusion Program: The Case of the Small Business Lending Fund, *Review of Financial Economics*, 34, September 2017, 99-108 (with Eliana Balla and Breck Robinson)

Assessing the Effectiveness of the Paulson "Teaser Freezer" Plan: Evidence from the ABX Index *Journal of Economics and Business,* 63(5), September-October 2011, 392-411 (with Eliana Balla and Breck Robinson)

Who Pays for the Maryland Lottery? Evidence from Point of Sale Data, *Journal of Gambling Business and Economics*, 2010 4(1) 33-54(with Evan Perlman and Donald F. Norris)

Investment Opportunities, Cash Flow, and Investment: New Tests Using UK Panel Data *Journal of Banking and Finance,* 32, September 2008, 1894-1906, (with Alessandra Guariglia)

Investment Behavior, Observable Expectations, and Internal Funds: A Comment on Cummins, Hasset, and Oliner (American Economic Review, 2006) *Economics Bulletin*, 5(12), July 2007, 1-12, (with Alessandra Guariglia)

Going Public to Grow? Evidence from a Panel of Italian Firms, *Small Business Economics,* 27(4-5), 387-407 December 2006 (with Laura Rondi)

Capital Market Imperfections, High-Tech Investment, and New Equity Financing, *The Economic Journal*, 112(477), 54-72, 2002 (with Bruce Petersen)

Is the Growth of Small Firms Constrained by Internal Finance? *Review of Economics and Statistics,* 84(2), 298-309, 2002 (with Bruce Petersen)

Italian Corporate Governance, Investment, and Finance, *Empirica,* 27(4), 365-388, 2000 (with Laura Rondi)

Financing Constraints and Inventory Investment: A Comparative Study with High-Frequency Panel Data, *Review of Economics and Statistics,* 80(4), 513-519*,* 1998(with Steven Fazzari and Bruce Petersen)

Seasonal Cycles, Business Cycles, and the Comovement of Inventory Investment and Output, *Journal of Money, Credit, and Banking,* 30(3), 331-346*,* 1998. (with Daniel Levy)

Finance Constraints or Free Cash Flow? A New Look at the Life Cycle Model of the Firm, *Empirica,* 22(2), 185-209, 1995

Inventory Investment, Internal Finance Fluctuations, and the Business Cycle, *Brookings Papers on Economic Activity*, 75-137*,* 1994:2 (with Steven Fazzari and Bruce Petersen)

***Regulatory Policy Articles (Public): Internally Peer Reviewed***

Weathering the Storm: A Case Study of Healthy Fifth District State Member Banks Over the Recent Downturn, *S&R Perspectives*, Federal Reserve Bank of Richmond, Summer Issue 2012 (with Raymond Brastow, Susan Maxey, and Mike Riddle)

It’s a Small World After All: Why We Need to Care About a Debt Crisis in Greece, *S&R Perspectives*, Federal Reserve Bank of Richmond, Fall Issue 2010

Everything Old is New Again: Can Covered Bonds Jump-Start a Stalled US Mortgage Market? *S&R Perspectives*, Federal Reserve Bank of Richmond, Winter Issue 2008

Decoding Messages from the Yield Curve, *Region Focus*, Federal Reserve Bank of Richmond, Spring 2007 (with Eliana Balla and Mark Vaughan)

## *Regulatory Policy Articles (Non-Public): Peer Reviewed*

The Downgrade of US Treasuries by Standard and Poors: Predictions and Suggestions for Monitoring, *Risk Flash*, Federal Reserve Bank of Richmond, July 2011

Assessing the Contagion Risk of the European Sovereign Debt Crisis, *Risk Flash*, Federal Reserve Bank of Richmond, July 2011

Is the European Financial Crisis Peripheral to US Banking? *Risk Perspectives*, Federal Reserve Bank of Richmond, Summer 2010

## Other than Temporary Impairments and Federal Home Loan Bank Capitalization: Is a Foul Mood Justified? *Emerging Issues Letters*, Federal Reserve Bank of Richmond, April 2009-3 (April)

Are You Being Served? Mortgage Servicers and Loan Modifications, *Emerging Issues Letters*, Federal Reserve Bank of Richmond, 2009-01 (January) (with Breck Robinson)

Financial Turmoil Throws Sand in the Gears of Federal Home Loan Bank Discount Note Auctions, *Emerging Issues Letters*, Federal Reserve Bank of Richmond, 2008-5 (October) (with Andrew McKenna)

Proposed Changes to Securitization Accounting Rules May Stress Bank Balance Sheets, *Risk Flash*, Federal Reserve Bank of Richmond, June 28, 2008 (with Eliana Balla and Eura Tunstall)

Are Monoline Financial Guarantors in Trouble? What are the possible contagion effects? *Emerging Issues Letters*, Federal Reserve Bank of Richmond, 2007-2, (November)

The Bear Stearns Flap: Does It Give Us a Peek Under Hedge Funds’ Tent? *Emerging Issues Letters,* Federal Reserve Bank of Richmond, 2007-1, (July) (with David Gearheart)

## *Policy Articles: Non-Peer Reviewed*

An Analysis of the Impact of Introducing Video Lottery Terminals in Maryland, *Maryland Institute for Policy Analysis and Research Report*, October 14, 2008 (with Judith Shinogle-lead author, Scott Farrow, and Donald F. Norris)

*The Concerned Citizen’s Guide to Slot Machine Gambling and Horse Racing in Maryland*, Policy Brief for the Maryland Institute for Policy Analysis and Research, Spring 2007

Decoding Messages from the Yield Curve, *Region Focus*, Federal Reserve Bank of Richmond, 37-39 Spring 2007 (with Eliana Balla and Mark Vaughan)

*Slot Machine Gambling in Maryland: An Economic Analysis*, Report for the Maryland Institute for Policy Analysis and Research, March 2003

*Maryland’s Budget Crisis: What a Drag*, Policy Brief for the Maryland Public Policy Institute, January 2003

Hard Times, Easy Money? Counter cyclical Stabilization in an Uncertain Economy, *Policy Note*, The Levy Economics Institute, 2001/9

***Legislative Testimony, Op-Ed Articles, and Other Research***

“The Economics of Slot Machine Gambling,” Testimony before the Maryland House of Delegates, Committee on Ways and Means, March 23, 2004

It’s the Net Impact from Slots that Counts, special to the *Baltimore Sun*, January 25, 2004.

“The Economics of Slot Machine Gambling,” Testimony before the Maryland House of Delegates, Committee on Ways and Means, August 19, 2003

*Comments on Video Gaming in Maryland: Weighing the Costs and the Benefits*. The Maryland Public Policy Institute, March 2003

*A Comparative Study of the Tax Burden in Maryland* (commissioned study with Dennis Coates and Virginia McConnell for the Maryland Department of Business and Economic Development) October 2001

# Professional Activities

***Keynote Speeches or Opening Remarks***

Shaping the Future:  “Using Analytics Ecosystems to Improve Student Success and Institutional Outcomes,” Sponsored by Explorance and Zayed University, Dubai, UAE, November 2018

Policy Lessons from the VICO Project (Financing Entrepreneurial Ventures in Europe), “The Financial Crisis, The Banking System, and Prospects for the Financing of Entrepreneurial Firms,” Sponsored by the European Commission, Madrid, Spain, September 2011 (Keynote)

Cars and Working Families, “Financial Turmoil: A Grand Tour,” Sponsored by the Anne E. Casey Foundation and the Federal Reserve Bank of Richmond, September 2009 (Keynote)

Wall Street Without Walls Conference, “The Financial Crisis,” April 2009 (Opening remarks)

Governors Housing Conference, “How a Housing Crisis Becomes a Financial Crisis,” December 2008, Sponsored by the Maryland Department of Housing and Community Development (Keynote)

### **Conference Presentations and Webinars:**

#### Inside Higher Education, “What Got You There Won’t Get You Here: UMBC’s Data Analytics Journey,” ([recorded](https://www.insidehighered.com/audio/2022/10/20/what-got-you-there-won%E2%80%99t-get-you-here-umbc%E2%80%99s-data-analytics-journey-available) webinar) November 2022

#### 1EdTEch (IMS/Global) Learning Impact Conference, “Change management to support the strategic uses of analytics,” Nashville Tennessee, June 2022

Arizona State University REMOTE Faculty Summit, “Using digital footprints to support ‘right message, right student, right time’ nudges,” (virtual conference, [recorded](https://theremotesummit2022.sched.com/?iframe=yes&w=&sidebar=yes&bg=no)) June 2022

#### IMS/1EdTech, “Strategic views on data insights to support learners,” ([recorded](https://www.imsglobal.org/article/strategic-views-data-insights-support-learners-recorded-webinar) webinar) May 2022

#### RTM Higher Education CIO Conference, “If you build it, will they come? The challenges of creating a data-informed institution,” (virtual conference) April 2021

#### Educause, “Ethical issues around learning analytics: doing the right thing with analytics,” ([podcast](https://er.educause.edu/podcasts/educause-exchange/the-ethical-issues-around-learning-analytics)) October 2020

#### Cornell Data Science Forum, “Aligning data science investments to create value,” Ithaca, New York, September 2019

Cornell Data Science Forum, “Applications and how to push the last mile,” Ithaca, New York, September 2019

#### Educause Enterprise Summit, “Rethinking Enterprise Analytics in the Age of Big Data,” Long Beach, California, April 2019

Online Learning Consortium (OLC-Innovate), “Leveraging Predictive Analytics to Support Student Success,” Denver, Colorado, April 2019

National Student Success Conference, “Using a Vendor-Provided Machine Learning Algorithm to Identify At-Risk Students,” Tampa, Florida, February 2019

Blackboard Analytics Symposium, “The Use of Blackboard Predict in UMBC’s Student Success Support Ecosystem,” Austin, Texas February 2018

Maryland Research and Education Network, “Privacy and Ethical Considerations in the Responsible Use of Data and Analytics to Support Student Success,” September 2017

Blackboard World, “Organizational Strategies for Student Success: Decisions, Decisions,” New Orleans, Louisiana July 2017

Blackboard Analytics Symposium, “Organizational Strategies for Improving Student Success: It Takes a Village, “Austin, Texas February 2017

Marcus and Evans Conference on Stress Testing and Capital Allocation, “The Economics of Basel III,” Singapore, September 2011

Marcus and Evans, Conference on Stress Testing and Capital Allocation, “The Sovereign Debt Crisis,” New York, NY February 2011

Nottingham Trent University, Gambling, Prediction Markets and Public Policy, Nottingham, England, September 2008

European Association for Research in Industrial Economics Helsinki, Finland August 2003

European Association for Research in Industrial Economics (EARIE) Dublin, Ireland 2001

City University Business School Conference, “New Perspectives on Fixed Investment: Where is the Research Agenda Leading?” London, England 2001

European Association for Research in Industrial Economics (EARIE) Lausanne, Switzerland 2000

European Association for Research in Industrial Economics (EARIE), Turin, Italy 1999

Vlerick Leuven Ghent School of Management, Ghent, Belgium 1999

Allied Social Science Association (American Economic Association), 1999

European Association for Research in Industrial Economics (EARIE), 1998

Allied Social Science Association (American Economic Association), 1998

Western Economics Association, 1996

Eastern Finance Association, 1996

Midwestern Finance Association, 1996

Allied Social Science Association (International Society for Inventory Research), 1996

Midwestern Economics Association, 1993

Missouri Valley Economics Association, 1990

***Invited Presentations:***

Teaching & Learning Forum Korea, “The Use of Blackboard Predict in the Design of UMBC's Student Success Support Ecosystem,” Hanyang University, Seoul, Korea, November 2017

EAB Academic Performance Solutions National Summit, “Instrumenting the Strategic Plan Metrics and Deep Analytic Dives on Institutional Access and Success Priorities,” Washington, D.C. October 2016

M&T Bank, “Some of Us Have Been in Recession Our Whole Lives,” Columbia, MD March 2016

Mid Atlantic Association of Financial Professionals, “Some of Us Have Been in Recession Our Whole Lives,” Columbia, MD March 2016

Greater Baltimore Committee, Leadership Maryland, “Labor Markets: Slouching Towards Recovery,” February 2014

Greater Baltimore Committee, Leadership Maryland, “It’s Creepy Out There: The Slow Pace of Economic Recovery,” February 2013

Federal Home Loan Bank of Pittsburg, Public Policy Network, “US Macroeconomic Conditions and the Economic Impact of QE3,” Morgantown, WV November 2012

UMBC Alumni Association, University Forum, “US Macroeconomic Conditions and the Fiscal Cliff,” November 2012

Federal Home Loan Bank of Pittsburg, Public Policy Network, “US Macroeconomic Conditions and Near-Term Prospects for Employment Growth,” Martinsburg, WV August 2012

Mid-Atlantic Association of Financial Professionals, “The Crisis in the Eurozone,” Baltimore, MD May 2012

Greater Baltimore Committee, Leadership Maryland, “The Crisis in the Eurozone,” May 2012

National Taiwan University, Department of Economics and Finance, Taipei, Taiwan August 2011

Mid-Atlantic Association of Financial Professionals, “Sovereign Debt Crises and the Problems in Municipal Finance,” Baltimore, MD March 2011

Greater Baltimore Committee, Leadership Maryland, “Sovereign and Municipal Debt Crises?” March 2011

Towson University Economic Outlook Conference, “Exit Strategies for Extraordinary Monetary Policy Measures,” Baltimore, MD March 2011

Morgan State University, “Problems in the Euro Zone,” Baltimore, MD November 2010

Economics Made Easy: A Journalism Workshop, University of Maryland and Federal Reserve Bank of Richmond, “It’s a Small World After All,” College Park, MD October 2010

Board of Directors, Mid Atlantic Farm Credit Bureau, “Fiscal Imbalances” Baltimore, MD August 2010

The Greater Baltimore Committee, Leadership Group, “Central Bank Independence” March 2010

MTB Investment Advisors, Capital Markets Conference, Baltimore, MD February 2010

MTB Investment Advisors, Capital Markets Conference, Baltimore, MD July 2009

University Forum, “Widespread Impacts of Mortgage Foreclosures: From Credit Markets to Local Communities,” Sponsored by the Sellinger School of Management at Loyola College and the Federal Reserve Bank of Richmond, Baltimore, MD April 2009

Mid Atlantic Association of Financial Professionals, “Financial Turmoil: The Grand Tour,” Baltimore, MD March 2009

Greater Baltimore Committee Leadership Group, “Spillovers from Housing to Financial Markets to the Macroeconomy: What’s next?” March 2009

Virginia Bureau of Financial Institutions, “Shocks to Housing and Financial Markets and their Economic Spillovers,” Richmond, VA January 2009

Miles and Stockbridge P.C., “Financial Turmoil: The Grand Tour,” Baltimore, MD December 2008

University Forum, “Widespread Impacts of Mortgage Foreclosures: From Credit Markets to Local Communities,” Sponsored by George Mason University and the Federal Reserve Bank of Richmond, Washington, DC October 2008

United States Naval Academy, “Financial Markets and Housing, The Big Picture,” Annapolis, MD October 2008

University Forum, “Widespread Impacts of Mortgage Foreclosures: From Credit Markets to Local Communities,” Sponsored by East Carolina University and the Federal Reserve Bank of Richmond, Greenville, NC October 2008

East Carolina University, Department of Economics, “The Paulson Plan,” Greenville, NC October 2008

University Forum, “Widespread Impacts of Mortgage Foreclosures: From Credit Markets to Local Communities,” Sponsored by Longwood University and the Federal Reserve Bank of Richmond, Farmville, VA September 2008

Maryland Department of Housing and Community Development, “Securitization and Servicing of Residential Mortgages,” Annapolis, MD June 2008

Public Policy Forum, “Slots or No Slots—The Public Policy Implications of Expanded Gambling in Maryland,” Sponsored by the Maryland Institute of Policy Analysis and Research at UMBC, June 2008

University Forum, “Beyond the Housing Crisis: Understanding the Increasing Impact of the Subprime Mortgage Meltdown on the U.S. Economy,” Sponsored by UMBC and the Federal Reserve Bank of Richmond, April 2008

Office of the Governor of the State of Maryland/Maryland Department of Housing and Community Development/Maryland Department of Labor, Licensing, and Regulation, “The securitization of residential home mortgages & the economic role and incentive of servicers,” Baltimore, MD March 2008

Commonwealth Area Financial Professionals Conference, “The Mixed-Up Yield Curve: What Does it Tell Us About Macroeconomic Conditions and Bank Behavior?” Richmond, VA March 2007

West Virginia Bankers Association, CFO and CPA Conference, “Basel II and IA: A Selective Overview,” Charleston, WV November 2006

Mercantile Bank, “Long Term Economics Prospects and Social Policy” Baltimore, MD March 2006

Urban Land Institute, “What’s Driving Housing Demand,” Baltimore, MD 2005

League of Women Voters Symposium on Slot Machine Gambling, Annapolis MD, December 2003

The Maryland State Budget and the Impact of Slot Machine Gambling UMBC/MIPAR Seminar, September 2003

Ceris-CNR (National Research Council), Turin, Italy May 2003

**Innovare per competere Come finanziare l'innovazione?** University of Piemontese Orientale, Novara, Italy May 2003

Maryland Public Policy Institute: “Video Gaming in Maryland” Annapolis, MD March 2003

Maryland Public Policy Institute: “Maryland’s Economy” January, 2003

American Institute for Contemporary German Studies Workshop “Financing the New Economy in Germany,” Washington, D.C. 2001

XIII Villa Mondragone International Economic Conference "FINANCIAL MARKETS, THE NEW ECONOMY AND GROWTH”. CEIS - University of Rome "Tor Vergata" 2001

University of Kent, Canturbury, England, 2001

United States Postal Service, Washington, DC 2000

Il Dipartimento di Scienze Economiche e Finanziarie “G. Prato” dell’Universita di Torino e il Ceris-Cnr, Torino, Italy, 1999

Case Western Reserve University, Department of Economics, 1999

Binghamton University, Department of Economics, 1998

DePaul University, Department of Finance, 1997

Federal Reserve Bank of Atlanta, 1994

Brookings Panel on Economic Activity, 1994

Federal Reserve Bank of St. Louis, 1994

Milken Institute for Job and Capital Formation, 1994

The Center for the Study of American Business and the Federal Reserve Bank of St. Louis Joint Macroeconomic Seminar Series, 1990

***Media Appearances***

Your Money and Business-Maryland Public Television (Brexit) July 2016

The Mark Steiner Show-WEAA Radio (The recession and national economic conditions) September 2009

Fox 45 Baltimore Morning News (Impact of the recession on family decision making) March 2009

Maryland Morning with Sheila Kast-WYPR Radio (What We Bet on When We Bet on Slots) September 2008

The Mark Steiner Show-WEAA Radio (Oil, the current price spike, and the effect on the macroeconomy) August 2008

The Mark Steiner Show-WYPR Radio (Current risks in the US macroeconomic environment) November 2007

The Mark Steiner Show-WYPR Radio (The economic importance of the Maryland horse racing industry, does it deserve a subsidy?) September 2007

The Mark Steiner Show-WYPR Radio (The economics of the slot machine gambling and subsidizing the Maryland horse racing industry) January 2007

Maryland Morning with Sheila Kast-WYPR Radio (Expanding generation capacity at the Calvert Cliffs nuclear plant: What does Maryland gain?) August 2006

Maryland Morning with Sheila Kast-WYPR Radio (Competition in deregulated residential electricity Markets) June 2006

The Mark Steiner Show-WYPR Radio (The economics of the minimum wage) March 2005

11 TV Hill-WBAL TV (The Maryland horse racing industry and gambling) December 2005

ABC World News Tonight with Peter Jennings (The economics of gambling) 2004

The Mark Steiner Show-WYPR Radio (The economics of gambling) 2004

# Honors Received

1995, 1996 Recognized for teaching excellence by Phi Beta Kappa

1991-1992 Graduate School Dissertation Fellowship, Washington University

1987-1988 University Fellowship, Washington University

1986 Graduate with Honors, University of Michigan-Flint

Angell Scholar, University of Michigan

# Research Support

2004 UMBC Directed Research Initiative Fund Award

2004 UMBC Summer Faculty Fellowship

2001 Government of Italy, Consiglio Nazionale Delle Ricerche, Short Term Mobility Grant

2001 UMBC Summer Faculty Fellowship,

2000 UMBC Summer Faculty Fellowship,

1999 UMBC Provost’s Research Fellowship,

1998 Claus M. Halle Institute for Global Learning

1998 Emory University Teaching Partner Grant

1. Emory University Committee for International Travel

1998 Emory University Committee for Internationalization,

1998 Arthur M. Blank/NEH Video Observation Teaching Award,

1997-1998 Emory University Teaching Fund Committee

 1997 Arthur M. Blank/NEH Video Observation Teaching Award,

 1996 Emory University Summer Research Grant

 1995 Emory University Summer Research Grant

 1995 Emory University Classroom Observation Teaching Grant

 1994 Emory University Summer Research Grant

 1993 Emory University Summer Research Grant

 1993 Emory University Writing Across the Curriculum Grant, ,

 1992 Emory University Research Grant

# Ph.D. Students

Anthony Lane, 2019, Committee Member, UMBC

Evan Perlman, 2016, Chair, UMBC

Jared Cummer, 2014, External Reader, University of Delaware

David Gearhart, 2010, Chair, UMBC

Tonya Zimmerman, 2008, Committee Member, UMBC

Jones, Kari, 1999, Committee Member, Emory University

Atkins, Raymond, 1998, Committee Member, Emory University

Chen, Haiwei, 1998, Committee Member, Emory University

Rajbhandary, Anuja, 1998, Committee Member, Emory University

Utz, Robert, 1995, Committee Member, Emory University

Griffin, Susan, 1994, Committee Member, Emory University

**Masters Students (thesis)**

Wang, Jong Lee, 1995, Emory University

**Undergraduate Students (honors thesis)**

Kramb, Jay (High Honors) 1998, Emory University

Blum, Greg (Highest Honors) 1997, Chair, Emory University

Roberts, Mark (Highest Honors) 1997, Emory University

Tanner, David (High Honors) 1997, Chair, Emory University

Farr, Dorsey (Highest Honors) 1995, Emory University

Resnick, Joshua (Highest Honors) 1995, Emory University

Schoenthal, Andrew (High Honors) 1995, Chair, Emory University

## University Faculty Service

 *UMBC:*

Sondheim Scholars Selection Committee, 2011

Campus Representative: Middle States Performance Review Reporting Conference, March 2009

Chair, Economics Department Workload Committee, 2008

Provost Search Committee, 2007-2008

Chair, Financial Economics Search Committee, 2007

Executive Committee of the Faculty Senate 2006-2007

President, Faculty Senate, 2004-2005

 Chair, Executive Committee of the Faculty Senate

 Planning and Leadership Team

 President’s Council

 Provost’s Council

 Provost’s Committee on Faculty Salaries and Hiring

 Mid-States Accreditation Steering Committee

 University Steering Committee

 Alex Brown Center Advisory Board

 Search Committee, Vice President for Administration & Finance

 Convocation & Graduation Grand Marshal

 University Budget Committee

 Academic Integrity Committee, Executive Committee

 Campus Audit Committee

 New Program Concept Committee

 UMBC Academic Planning Steering Committee

 Co-Chair, Maryland Charity Campaign for UMBC

Economics Department Medium-Term Planning Committee 2004

MIPAR Survey Research Center Director Recruiting Committee, 2004

Ad hoc Departmental Constitutional Committee, 2004

Alex Brown Center for Science and Technology Entrepreneurship, Board Member, 2002-2003

Faculty Senate, 2000-2004

Financial Economics Oversight Committee, 2000-2002

Cycling Club Faculty Advisor, 1999-2001

Ad hoc Entrepreneurial Studies Program Committee, 2000-2001

Ad hoc Financial Economics Program Committee, 1999-2000

Graduate Curriculum Committee, 1999-2001

UMBC/PriceWaterhouse Joint Study on Local Economic Development, 1999-2000

*Emory University:*

Freshman Advising and Mentoring Program, 1998

Library Policy Committee 1997-1999

Departmental Computer Committee, 1996-1998

Econometrics Qualifying and Advanced Field Exam Committees, 1995-1996

Econometrics Recruiting Committee, 1995, 1996

Teaching Review Committee (designed guidelines for the peer review of teaching) 1995

Faculty sponsor, Woodruff Library Instructional Computing Development Grant, 1994

Library Services Committee, 1994-1998

University Committee on Curriculum Reform, 1994

Working Paper and Electronic Research Resources Committee, 1994-1998

Macroeconomics Recruiting Committee, 1994

Graduate Studies Committee, 1992-1999

Macroeconomics Qualifying Exam Committee, 1992-1999

# Professional Service (refereeing)

Academic Press

*American Economic Review*

Cambridge University Press

*Canadian Journal of Economics*

*Corporate Governance: An International Review*

*Economica*

*Economic Inquiry*

*The* *Economic Journal*

*Economic Letters*

*Economic Systems*

International Monetary Fund

*Journal of Applied Econometrics*

*Journal of Banking and Finance*

*Journal of Corporate Finance*

*Journal of Development Economics*

*Journal of Economics and Business*

*Journal of Macroeconomics*

*Journal of Money, Credit, and Banking*

*Managerial and Decision Economics*

National Academy of Sciences

National Science Foundation

*Oxford Economics Papers*

*Quantitative Finance*

*The Scandinavian Journal of Economics*

*Small Business Economics*

*Southern Economic Journal*

## Service to the Community-Lectures and Presentations

 “Lessons to Learn and the Challenges You Will Face During Your Working Lifetime,” Mount Saint Joseph High School, November 2010

“Environmental Factors in the Financial Crisis” Federal Reserve Bank of Richmond, March 2009 (“Day at the Fed” event for majors in economics and finance)

“Financial Spillovers from the Housing Crisis,” Federal Reserve Bank of Richmond, Baltimore Branch, October 2008 (“Afternoon at the Fed” event for college students majoring in economics and finance)

“Lessons to Learn and the Challenges You Will Face During Your Working Lifetime,” Mount Saint Joseph High School, April 2008

“Contagion in Structured Finance Product Markets” Federal Reserve Bank of Richmond, March 2008 (“Day at the Fed” event for majors in economics and finance)

“The Challenges of Corporate Growth? Perspectives from Economics,” Towson Unitarian Church Summer Speaker Series, 2001.

“Adam Smith and his Paper Chain Factory,” Westchester Elementary School, 2004

“Let’s Make a Deal,” Westchester Elementary School, 2003

“Lemonade Economics,” Westchester Elementary School, 2001

**Service**

Benjamin Franklin High School (Baltimore, MD) Varsity Baseball Coach 2016

CAA Youth Baseball 2006-2012 (Head of Travel Program)

CAA Youth Baseball 2004-2012 (Head Coach, 9/10 Travel, 10U Travel, 11U Travel, 12U Travel 13U Travel, 14U Travel, 15U Travel, 19U Travel)

Catonsville Youth Soccer (indoor, outdoor, U7, U9, U11, U14) Coach, 2001- 2006

Catonsville Youth League Baseball, Coach; League Coordinator (age 7/8) 2003, 2004

Catonsville Youth League Baseball, Coach; League Coordinator (age 5/6) 2001

Catonsville Youth Basketball, Coach, 2001

Tucker Youth Soccer Association, Coach, 1998, 1999

Honorable Discharge, United States Army

2/15/23