RESEARCH INTERESTS:

FinTech, Household Finance, Machine Learning

ACADEMIC AND POLICY APPOINTMENTS:

Present Appointments

Hachigian Family Professor of Finance (with Tenure), Georgetown University, January 2024 to present Director of the AI, Analytics, and Future of Work Initiative, Georgetown University, Aug 2021 to present Non-resident Senior Fellow in the Economic Studies Program, Brookings Institution, June 2024 to present Economic Advisory Committee Member at FINRA, September 2023 to present AI Advisory Committee Member at GARP, July 2023 to present Research Fellow – G53 Financial Literacy and Personal Finance Research Network, Dec 2021 to present Research Fellow – FinTech at Cornell Initiative, April 2021 to present Academic Fellow, Luohan Academy, May 2020 to present Snider Center Faculty Affiliate, University of Maryland Smith School, July 2017 to present

Previous Appointments

Visiting Fellow in the Economic Studies Program, Brookings Institution, September 2023 to June 2024 Professor of Finance (with Tenure), Georgetown University, August 2022 to December 2023 Provost's Distinguished Associate Professor (with tenure), Georgetown University, Feb 2020 to July 2022 Associate Director, Center for Financial Markets & Policy, Georgetown University, Aug 2019 to Aug 2021 Associate Professor of Finance (with tenure), Georgetown University, Aug. 2019 to Jan. 2020 Associate Professor of Finance (with tenure), University of Maryland Smith School, July 2018 to Aug 2019 Associate Professor of Finance, University of Maryland Smith School, Aug. 2012 to July 2018 Economist, Board of Governors of the Federal Reserve System, Aug. 2011- August 2012

Visiting Positions

Engelbert Dockner Fellow, Wirtschaftsuniversität Wien, August-September 2024 Visiting Professor Macquarie Business School, Macquarie University, Sydney, July 31-August 13 2023 Engelbert Dockner Fellow, Wirtschaftsuniversität Wien, September-November 2021 Visiting Scholar at Rady School of Management, University of California San Diego: July-August 2021 Visiting Fellow at EIEF: May-June 2021 Visiting Researcher at Bocconi University: June 2018 Visiting Researcher at Swiss Finance Institute in Lugano: May 2018 Visiting Scholar at the University of Melbourne: April 2016

EDITORIAL BOARDS:

Associate Editor at *Management Science*. July 2022 -Associate Editor at the *Journal of Banking and Finance*. August 2021 -Associate Editor at the *Journal of Financial Econometrics*. August 2019 -Associate Editor at the *Journal of Empirical Finance*. January 2019 -Associate Editor at the *International Journal of Financial Engineering*. January 2019 -

EDUCATION:

Ph.D. Economics, University of California, San Diego, June 2005-2011M.Sc. Economics, Tilburg University, The Netherlands, 2004-2005B.A. International Economics and Management, Bocconi University, Italy, 2001-2004

PUBLISHED AND ACCEPTED PAPERS:

1. "How Costly are Cultural Biases? Evidence from Fintech" with Francesco D'Acunto and Pulak Ghosh *Journal of Financial Economics, Conditionally Accepted*

2. "The Diversification and Welfare Effects of Robo-advising," with Stephen Utkus (Formerly titled "Who Benefits from Robo-advising? Evidence from Machine Learning") *Journal of Financial Economics*, 2024, 157, 103869

3. "Crowdsourcing Financial Information to Change Spending Behavior," with Francesco D'Acunto and Michael Weber *Journal of Financial Economics*, 2024, 157, 103858

4. "Goal Setting and Saving in the FinTech Era," with Antonio Gargano *Journal of Finance*, 2024, 79 (3), 1931-1976

5. "Regressive Mortgage Credit Redistribution in the Post-crisis Era," with Francesco D'Acunto *Review of Financial Studies*, 2022, 35 (1), 482-525

6. "The Promises and Pitfalls of Robo-advising," with Francesco D'Acunto and Nagpurnanand Prabhala *Review of Financial Studies*, 2019, 32 (5), 1982-2020

7. "Understanding the Sources of Risk Underlying the Cross-Section of Commodity Returns," with Gurdip Bakshi and Xiaohui Gao *Management Science*, 2019, 65 (2), 619-641

8. "Does it Pay to Pay Attention?" with Antonio Gargano *Review of Financial Studies*, 2018, 31 (12), 4595-4649. Lead article (Editor's choice)

9. "Network Centrality and Delegated Investment Performance," with David Blake, Allan Timmermann, Ian Tonks and Russ Wermers *Journal of Financial Economics*, (Lead Author), 2018, 128, 183-206

10. "The Freedom of Information Act and the Race Towards Information Acquisition," with Antonio Gargano and Russ Wermers *Review of Financial Studies*, 2017, 30 (6), 2179-2228, Michael J. Brennan Prize for Best paper (Runner-up)

11. "A Spanning Series Approach to Options," with Steve Heston *Review of Asset Pricing Studies*, 2017, 7 (1), 2-42. Lead article (Editor's choice)

12. "Modeling Covariance Risk in Merton's ICAPM," with Allan Timmermann *Review of Financial Studies*, 2015, 28 (5), 1428-1461

13. "Decentralization in Pension Fund Management," with David Blake, Allan Timmermann, Ian Tonks and Russ Wermers *Journal of Investment Management*, 2015, 13 (3), 35-56

14. "Decentralized Investment Management: Evidence from the Pension Fund Industry," with David Blake, Allan Timmermann, Ian Tonks and Russ Wermers *Journal of Finance*, 2013, 68, 1133-1178

INVITED PAPERS AND NON-REFEREED PUBLICATIONS:

1. "Taming Behavioral Biases in Consumer Decision Making: The Role of Robo-Advising," with Francesco D'Acunto, "Oxford Research Encyclopedia of Economics and Finance," Forthcoming

 "Robo-Advice: Transforming Households into Rational Economic Agents," with Francesco D'Acunto <u>"Annual Review of Financial Economics," Forthcoming</u> Editor: A. Schoar

3. "IT Meets Finance: Financial Decision Making in the Digital Era," with Francesco D'Acunto *"Handbook of Financial Decision Making," Edward Edgar Publishing Ltd, Forthcoming* Editors: G. Hilary and D. Mclean

4. "New Frontiers of Robo-Advising: Consumption, Saving, Debt Management, and Taxes," with Francesco D'Acunto. <u>"Machine Learning in Financial Markets: A Guide to Contemporary Practice,"</u> <u>Cambridge University Press</u>, 2022, Edited by Agostino Capponi and Charles-Albert Lehalle

5. "Robo-Advising," with Francesco D'Acunto, 2021 <u>Palgrave Handbook of Technological Finance</u>, Edited by R. Rau, R. Wardrop, and L. Zingales

WORKING PAPERS:

1. "Selecting Mutual Funds from the Stocks They Hold: a Machine Learning Approach," with Bin Li (<u>R&R at the Review of Financial Studies</u>)

2. "Real-time Machine Learning in the Cross-Section of Stock Returns: Evidence from Fundamental Signals," with Bin Li, Xuemin (Sterling) Yang, and Lingling Zheng (<u>R&R at the Journal of Financial Economics</u>)

3. "Political Partisanship and the Transmission of Fiscal Policy" with Francesco D'Acunto and Pulak Ghosh

4. "Algorithm Aversion: Theory and Evidence from Robo-advice," with Fiona Greig, Tarun Ramadorai, Steve Utkus, and Ansgar Walther

5. "Improving Household Debt Management with Robo-advice," with Ida Chak, Karen Croxson, Francesco D'Acunto, Jonathan Reuter, and Jonathan Shaw.

6. "What's in Investors' Information Set," with Hagit Levy, Ron Shalev, and Emanuel Zur

7. "An Inside Look into Cryptocurrency Exchanges," with Qing Chan, Wenzhi Ding, and Chen Lin

8. "The Needs and Wants in Financial Advice: Human versus Robo-Advising," with Stephen Utkus

9. "Rise of the 'Quants' in Financial Services: Regulation and Crowding Out of Routine Jobs," with Christos Makridis

10. "Predicting Stock Market Returns with Machine Learning"

11. "Social Networks and Cryptocurrencies," with Kunpeng Zhang

12. "Do Investors Want Portfolio Churning? " with Stephen Utkus

13. "Understanding Time-Varying Attention and Trading"

14. "A Utility-Based Model Combination for Portfolio Choice," with Georgios Skoulakis

KEYNOTE SPEECHES AND INVITED LECTURES:

Keynote Speaker at the 2024 North American Securities Administrators Association (NASAA) Spring Meeting & Public Policy Symposium – Washington DC, April 2024

Keynote Speaker at the Cardiff Fintech Conference 2023, November 2023.

Keynote Speaker at the Sydney Household Finance Symposium, July 2023.

Keynote Speaker at the China Center for Economic Research Annual Meeting - Chongli, June 2023

Keynote Speaker at the Cherry Blossom Financial Education Institute - Washington DC, April 2023

Keynote Speaker on "*New Frontiers of Robo-Advising: Consumption, Saving, Debt Management, and Taxes*," at the 2022 Asia Pacific Financial Education Institute organized by the Sim Kee Boon Institute for Financial Economics, November 2022

Keynote Speaker on "*Robo-advising*" at the 2021 Asia Pacific Financial Education Institute organized by the Sim Kee Boon Institute for Financial Economics, November 2021

Keynote Speaker at Special Session titled "Cryptocurrencies," 2021 Brazilian Finance Meeting, July 2021

Keynote Speaker at Special Session titled "Machine Learning in Finance," 2021 Brazilian Finance Meeting, July 2021

Invited Lecture, "The FinTech Revolution and Household Finance," Institute for Financial Services Analytics. University of Delaware, March 2019

Invited Speaker, "Machine Learning and Robo-advising," Open Data Science Conference West. San Francisco, November 2018

Invited Panelist, "The Use of Social Media in Financial Markets," Financial Management Association Meeting. San Diego, October 2018

Invited Speaker, "The Future of Robo-advising," Artificial Intelligence Summit. New York, September 2018

Keynote Speaker, "Applications of Machine Learning in Finance Research," Vanguard Research Symposium. Malvern, August 2018

Keynote Speaker, "The Future of Robo-advising," Artificial Intelligence and Future Financial Services conference. Newark, March 2018

Invited Lecture, "Principles of Factor Investing" American Association of Individual Investors. Washington DC, September 2017

HONORS, SCHOLARSHIPS, FELLOWSHIPS AND GRANTS:

2021: Winner of the 2021 PBCSF Fintech Center Award for Best Paper on Fintech at the Western Finance Association Annual Meeting for the paper "How Costly are Cultural Biases? Evidence from Fintech"

2020-2022: Recipient of the Engelbert Dockner Fellowship. Awarded by the Wirtschaftsuniversität Wien Research Institute for Capital Markets and the POK Pühringer Privatstiftung

2019-2021: National Science Foundation (Grant #1851730) "Robo-advising and Decision-making Under Risk" with Francesco D'Acunto and Nagpurnanand Prabhala: \$402,450

2020: INQUIRE Europe Research Grant (EUR 10,000) "There's an App for that: Goal Setting and Saving in the FinTech Era" with Antonio Gargano

2019: JP Morgan Artificial Intelligence Research Faculty Award, with L. Raschid and F. Huang: \$150,000

2019: Best Paper Award (Second Place) for the paper "Does it Pay to Pay Attention?" at the Vitznau Conference for Neurofinance.

2018: Winner of the 2018 Michael J. Brennan Award for Best paper in the Review of Financial Studies (Runner-up) for the paper "The Freedom of Information Act and the Race Towards Information Acquisition"

2018: Editor's Choice in the December 2018 Volume of the Review of Financial Studies for the paper "Does it Pay to Pay Attention?"

2018: Artificial Intelligence in Business and Society Research Grant. University of Maryland: \$20,000

2017: Allen J. Krowe Excellence in Teaching Award, Smith School of Business at the University of Maryland (awarded to 6 out of 180 faculty members every year)

2017: Semi-Finalist at the CFA Institute Asia Pacific Capital Markets Research Award for the paper: "Does it Pay to Pay Attention?"

2016: Winner of the 2016 Crowell Prize (First Prize) – PanAgora Asset Management – for the paper "The Freedom of Information Act and the Race Towards Information Acquisition"

2016: Visiting Research Scholar Award from the University of Melbourne: AUD 5,000

2015: CFA Institute Asia Pacific Capital Markets Research Award for the paper: "The Freedom of Information Act and the Race Towards Information Acquisition"

2013: Top 15% Award for Outstanding Teaching – Smith School of Business at the University of Maryland

2009: Society of Financial Econometrics Travel Grant - NYU Stern Business School

2009: Economics Department Research Fellowship - UCSD

2008: Walter P. Heller Honorable Mention of Outstanding Third-Year Paper - UCSD

2006: Van Lanschot Prize for Best Master's Thesis in Economics - Tilburg University

2005: Master's Degree Awarded with Highest Honors - Tilburg University

2004: Bachelor's Degree Awarded with Highest Honors - Bocconi University

2005-2011: Tuition Scholarship, UCSD

SEC COMMENT LETTERS:

Comment on "Listing Standards for Natural Asset Companies (NAC)," with Riki Fujii-Rajani and Sanjay Patnaik from The Brookings Institution

MEDIA COVERAGE:

- Featured in <u>"Artificial Means: Georgetown Professor Alberto Rossi predicts how AI could change the</u> workplace" Washingtonian, August 2023

- Featured in <u>"Looking for Financial Advice? Try AI, suggest some in the sector"</u> Toronto Star, Barrie 360, and the Hamilton Spectator, July 18, 2023

- Featured in <u>"Zuckerberg's Metamate Foreshadows Huge AI Workplace Trend,"</u> Observer, June 16, 2023

- Featured in "How AI Will Change the Workplace," Wall Street Journal, May 14, 2023

- Featured in "ChatGPT and Job Security: Is AI Coming for Your Job?" Kiplinger, May 11, 2023

- Featured in <u>"ChatGPT: The Challenges and Opportunities Coming to Financial Services"</u> Mondato, January 18, 2023

- OP-ED titled "Robo-Advice: An effective tool to reduce inequalities?" Brookings, October 5, 2022

- Interviews on FinTech, AI, Analytics and the Future of Work: Poets and Quants; Fortune

- The paper "An Inside Look into Cryptocurrency Exchanges" was featured on Institutional Investor

- The paper "There's an App for That: Goal-Setting and Saving in the FinTech Era," was featured on <u>Bluerating</u>, <u>FocusRisparmio</u>, <u>Il Sole 24 Ore</u>.

- The paper "Crowdsourcing Financial Information to Change Spending Behavior," was featured on: <u>CNN</u>, <u>Wall Street Journal, Forbes, MarketWatch, ETF.COM, Chicago Booth Review, Youtube Video</u>

- The paper "Regressive Mortgage Credit Redistribution in the Post-crisis Era," was featured on: <u>Wall</u> <u>Street Journal, Washington Post, Bloomberg View, US News & World Report, Chicago Tribune, CBS</u> <u>Radio, Snider Center, Smith Brain Trust</u> OP-EDs related to the paper: The Hill, Oxford Business Law Blog.

- The paper "Does it Pay to Pay Attention?" was featured on <u>Reuters</u>, <u>CNBC</u>, <u>Business Insider</u>, <u>WBNews</u>, Yahoo Finance, Smith Brain Trust.

OP-EDs related to the paper: <u>Harvard Law School Forum on Corporate Governance and Financial</u> <u>Regulation.</u>

- The paper "The Freedom of Information Act and the Race Towards Information Acquisition" was featured on: <u>ValueWalk</u>, <u>Alpha</u>, <u>Nfoic.org</u>, <u>National Affairs</u>, <u>Smith Brain Trust</u>.

- The paper "Understanding the Sources of Risk Underlying the Cross-Section of Commodity Returns" was featured on: <u>QuantPedia</u>, <u>Quantocracy</u>.

- The paper "Decentralized Investment Management: Evidence from the Pension Fund Industry" was featured in <u>CFA Digest</u>.

SEMINAR AND CONFERENCE PRESENTATIONS:

(* Indicates presentation by co-author)

2025

BIS Asia/Hong Kong Monetary Authority – Hong Kong, March 2025 Hong Kong University – Hong Kong, March 2025 The Hong Kong Polytechnic University– Hong Kong, March 2025 Singapore Management University – Singapore, March 2025 AFA Annual Meeting (Discussion) – San Francisco, January 2025 2024

Development Bank of Japan – Tokyo, November 2024 Development Bank of Japan - Tokyo, October 2024 McGill Desautels Faculty of Management, Finance Department - Montreal, October 2024 AI Frontiers in Finance Seminar – Virtual, September 2024 University of Richmond - Richmond, VA, September 2024 EFA Annual Meeting – Bratislava, Slovakia, August 2024 Government Accountability Office Event: Machine Learning and Investing – Washington DC, June 2024 World Investment Forum hosted by FTSE Russell - Miami, June 2024 Government Accountability Office Event: Financial Literacy in the Digital Age – Washington DC, June 2024 DCIIA/SPARK Public Policy Forum – Washington DC, June 2024 Shanghai Advanced Institute of Finance (SAIF) Seminar - Shanghai, May 2024 ABFER Annual Meeting – Singapore, May 2023 SEC's Conference on Emerging Trends in Asset Management - Washington DC, May 2024 FinTech Workshop at the University of Delaware's Fintech Innovation Hub - Newark, DE, May 2024 Brookings' AI Policy Idea Incubator (Panelist and Moderator) - Washington DC, May 2024 Keynote Speaker, NASAA Spring Meeting & Public Policy Symposium - Washington DC, May 2024 Artificial Intelligence Authors' Virtual Conference at Brookings (Moderator) - Virtual, May 2023 Nova School of Business and Economics, Finance Department – Lisbon, April 2024 University of Illinois Chicago, Finance Department - Chicago, April 2024 Financing & Investing in Workforce Development & Technology Panel, BCIU– Washington DC, April 2024 AI in Retirement Policy & Financial Wellness Panel, ERIC Conference – Washington DC, April 2024 McGill Desautels Faculty of Management, Finance Department – Montreal, April 2024 Clemson ESG and Policy Research Conference* - Clemson, South Carolina, March 2024 Panel on the Effects of AI on Wealth Management organized by Lehigh University – New York, March 2024 Florida State University - Tallahassee, March 2024 Penn State University Smeal College of Business - University Park, March 2024 University of Texas at San Antonio - San Antonio, March 2024 Finance Down Under - Melbourne*, March 2024 Midwest Finance Association Annual Meeting – Chicago, March 2024 NYU Stern Finance Department - New York, March 2024 University of California at Davis - Davis, February 2024 The Ohio State University - Columbus, February 2024 Panel on "How AI Is Transforming Defense" with Palantir (Moderator) - Washington DC, February 2024 Luohan Webinar – Virtual, February 2024 Brookings "Lunch and Learn" Seminar Series – Washington DC, February 2024 Panel on The Economics and Regulation of AI, Austrian Embassy - Washington DC, January 2024 AFA Annual Meeting (Discussion) - San Antonio, January 2024 AEA Annual Meeting (Discussion) - San Antonio, January 2024

2023

The Effects of Privacy Regulations on Marketing (Moderator), Brookings & MSI, December 2023 KPMG Denver Perspectives Meeting titled The Future of Work 2.0 (Panelist) – Denver, November 2023 BI Oslo - Norwegian Business School – Oslo, November 2023 Future of Wealth Forum organized by the London Stock Exchange Group – Sea Island, November 2023 Cardiff FinTech Conference (Keynote Speaker) – Cardiff, November 2023 FLOWE (Banca Mediolanum) – Virtual, November 2023 Artificial Intelligence's Impact on the Workforce and Labor Policy, Brookings (Moderator) – DC Nov. 2023 Social Networks & Social Finance Panel Financial Management Association – Chicago, October 2023 The Future of Remote Work: Latest Trends in Work Flexibility, Brookings (Moderator) – Virtual. Oct. 2023 AI, People, and the Future of Global Business Panel, Georgetown (Moderator) – Washington DC, Oct. 2023 Sydney Household Finance Symposium (Keynote Speaker) – Sydney, August 2023 Vontobel Asset Management – New York, July 2023 China International Conference in Finance (Discussion) – Online, July 2023 WFA Annual Meeting – San Francisco, June 2023 China Center for Economic Research (Keynote Speaker) – Chongli, June 2023

Fudan University– Shanghai, June 2023 Fields-CFI Workshop on Quantitative Methods in Wealth Management - Toronto/Virtual, June 2023 FinTech Workshop at the Institute of Digital Finance-Peking University-Beijing, May 2023 ABFER Annual Meeting (3 Papers)- Singapore, May 2023 First Annual Finance Conference at the University of Kansas-Lawrence, May 2023 NBER Behavioral Meeting-Chicago, April 2023 Edelman Smithfield Innovators Series. Smart Money: AI and the Future of Finance- New York, April 2023 Cherry Blossom Financial Education Institute (Keynote Speaker) – Washington DC, April 2023 Drexel University–Philadelphia, March 2023 ChatGPT and the Future of Work, Georgetown and Brookings (Moderator) - Virtual, April 2023 Behavioral Brownbag Seminar Series at Georgetown-Washington DC, March 2023 Macquarie University Finance Seminar Series-Virtual, March 2023 Colorado State University College of Business-Fort Collins, March 2023 Asian Innovation and Entrepreneurship Association Seminar Series- Virtual, March 2023 Fields Institute's Workshop on Machine Learning for Investor Modelling- Toronto, February 2023 UVA Darden Mayo Center - Investment Company Institute Symposium - Arlington, February 2023 American Social Science Association Annual Meeting (3 Papers) - New Orleans, January 2023 American Finance Association Annual Meeting (2 Discussions) – New Orleans, January 2023 2022 Brookings' Event on Remote Work (Moderator) - Virtual, December 2022 Asian Bureau of Finance and Economic Research e-seminar-Virtual, December 2022 The Chinese University of Hong Kong–Virtual, December 2022 The AI & Big Data in Finance Research Forum (ABFR) Seminar- Virtual, December 2022 Asia Pacific Financial Education Institute – Singapore, November 2022 Rice University Jones Graduate School of Business-Houston, November 2022 FinTech Symposium, Office of Comptroller of the Currency (Discussant)- Washington DC, November 2022 Future of Finance Panel (Moderator) at Georgetown Leadership Meeting - New York, November 2022 Emory University Goizueta Business School-Atlanta, October 2022 Artificial Intelligence and Financial markets Conference – Oxford, October 2022 Copenhagen Business School - Copenhagen, October 2022 Brookings' Event on Artificial Intelligence and Upskilling (Moderator) - Virtual, October 2022 University of Washington Summer Finance Conference (Discussant) - Seattle, July (2022) NBER Summer Institute IT and Digitization Workshop* – Boston, July 2022 NBER Summer Inst. Big Data & High-Performance Computing for Finance (Discussant)-Boston, July 2022 Valpolicella Finance Meetings–Valpolicella, July 2022 University of Manchester FinTech Seminar-Manchester, June 2022 EUI Financial Markets, machine learning & artificial intelligence conference – Florence, June 2022 ESMA Expert Workshop on AI in EU Securities Markets: Asset Management - Virtual, May 2022 SFS Cavalcade North America (Discussant) - North Carolina, May 2022 FinTech Conference at Purdue – West Lafavette Campus, May 2022 Vanguard Investment Strategy Group (ISG)* - Virtual, May 2021 University of Mannheim – Mannheim, April 2022 USC Workshop on Business Revolution and Digital Transformation*– Los Angeles, March 2022 Midwest Finance Association Annual Meeting (Session Chair) - Chicago, March 2022 Singapore Management University - Virtual, March 2022 University of California, Riverside – Virtual, March 2022 Institute for Mathematical and Statistical Innovation – Chicago, March 2022 2022 GSU-RFS FinTech Conference (Discussant) – Atlanta, February 2022 Nova School of Business and Economics Ph.D. Pitch Perfect (Coach) - Virtual, February 2022 Annual Conference in Digital Economics (Session Chair) - Fuzhou City, January 2022

American Economic Association Annual Meeting - Boston, January 2022

2021

CEPR Advanced Forum in Financial Economics (CAFFE)* – Virtual, December 2021 3rd Shanghai Financial Forefront Symposium (Presenter and Discussant) – Virtual, December 2021

NBER/RFS big data finance conference (Discussant) – Virtual, December 2021 Bank of Italy AMLED Seminar Series - Virtual, December 2021 3rd Shanghai Financial Forefront Symposium (Presenter and Discussant) - Virtual, December 2021 Asia Pacific Financial Education Institute – Virtual, November 2021 GW School of Business - Virtual, November 2021 Portfolio Management Program, Vienna Graduate School of Finance - Vienna, November 2021 NBER Corporate Finance Meeting*- Boston, November 2021 Vienna Graduate School of Finance - Vienna, October 2021 University of Zurich – Zurich, October 2021 CEPR Conference on Household Finance (Discussant) – Virtual, October 2021 UT Dallas Fall Finance Conference (Discussant) - Virtual, October 2021 Mayo Center for Asset Management, UVA, Darden – Virtual, October 2021 Georgetown University AI, Analytics and Future of Work Initiative (Moderator) - Virtual, September 2021 University of Southern California, Marshall School of Business - Los Angeles, September 2021 University of Missouri Trulaske College of Business - Columbia, September 2021 European Finance Association Annual Meeting (2 Papers and Chair) – Virtual, August 2021 China International Conference in Finance (Paper and 2 Discussions)- Shanghai and Virtual, July 2021 Annual Meeting of the Brazilian Finance Society–Virtual, July 2021 Econometric Society, China Meeting–Virtual, June 2021 Milken Institute's FinTech Advisory Council- Virtual, June 2021 Western Finance Association Annual Meeting (Paper and Discussion)- Virtual, June 2021 IBHF Household and Behavioral Finance Symposium* – Virtual, June 2021 FIRS Annual Meeting* – Virtual, June 2021 SFS Cavalcade North America*- Virtual, May 2021 BC Consumer Finance Workshop - Virtual, May 2021 3rd Future of Financial Information Conference (2 papers and Session Chair) - Virtual, May 2021 Johns Hopkins Carey Business School - Virtual, May 2021 Society of Labor Economists 2021 Conference* - Virtual, May 2021 Cornerstone Research – Virtual, May 2021 CEBI Workshop on Subjective Beliefs in Macroeconomics and Household Finance* - Virtual, April 2021 Webinar in Finance and Development* - Virtual, April 2021 China Fintech Research Conference* – Beijing, April 2021 Cherry Blossom Financial Education Institute Annual Meeting* – Virtual, April 2021 14th Financial Risks International Forum – Institute Louis Bachelier, Virtual, March 2021 Midwest Finance Association Annual Meeting (2 papers and Session Chair) - Virtual, March 2021 University of Miami – Virtual, February 2021 Vanguard Quantitative Equity Group (QEG) – Virtual, February 2021 American Finance Association Meeting - Virtual, January 2021 2020 NBER Algorithmic Trading and Security Market Performance Meeting – Virtual, December 2020 Bocconi University - Virtual, November 2020 Georgetown's Financial Markets Quality Conference (FinTech Moderator) - Virtual, November 2020 Queen Mary University - Virtual, November 2020 GFLEC Seminar – Virtual, November 2020 Rutgers University - Virtual, November 2020 4th Shanghai-Edinburgh Fintech Conference – Virtual, November 2020 6th Fintech International Conference - Virtual, November 2020 Virtual Finance Seminar Series in Corporate Finance and Investments, MSU - Virtual, November 2020

INFORMS Annual Meeting (Presentation and Session Chair) – National Harbor, MD, November 2020

City University of Hong Kong - Virtual, October 2020

FMA Doctoral Tutorial - Virtual, October 2020

Georgetown University Global Virtual Seminar on FinTech – Virtual, September 2020

CEPR European Conference on Household Finance 2020 - Virtual, September 2020

3rd Annual IMF Macro-Financial Research Conference – Virtual, September 2020

New York Fed FinTech Conference - Virtual, September 2020

European Finance Association Annual Meeting– Virtual, August 2020 University of Technology Sydney – Virtual, August 2020 Midwest Finance Association Annual Conference – Virtual, July 2020 Luohan Academy – Virtual, July 2020 Western Finance Association Annual Meeting (Session Chair) – San Francisco, June 2020 World Investment Forum 2020 – Sea Island, Georgia, June 2020 SFS Cavalcade – Virtual, May 2020 Georgia State University RFS FinTech Conference – Atlanta, February 2020 American Finance Association Annual Meeting – San Diego, January 2020 American Economic Association Annual Meeting – San Diego, January 2020

2019

10th Tel Aviv University Finance Conference* - Tel Aviv, December 2019 Miami Behavioral Finance Conference* - Miami, December 2019 Santiago Finance Workshop* – Santiago, Chile, December 2019 Baruch College, City University of New York - New York, November 2019 Temple University – Philadelphia, November 2019 Michigan State University - East Lansing, November 2019 Lehigh University – Bethlehem, Pennsylvania, November 2019 Conference on Measurement of Traders in the Field – Belesta, France, October 2019 AIM Investment Conference – Austin, September 2019 FinTech and Machine Learning Panelist at Federal Reserve Board Conference – Baltimore, September 2019 EFA Annual Meeting (2 Papers) – Lisbon, August 2019 Helsinki Finance Summit - Helsinki, August 2019 Workshop on Fintech and Machine Learning - Singapore, August 2019 NBER Summer Institute on IT and Digitization - Boston, July 2019 NBER Summer Institute on Aging – Boston, July 2019 FinTech Conference at the Guanghua School of Management - Beijing, July 2019 Tsinghua Finance workshop (2 Papers and Discussion)- Beijing, July 2019 JHU Annual Finance Conference (Discussion) – Baltimore, June 2019 Luohan Academy Annual Meeting on FinTech – Hangzhou, June 2019 Western Finance Association Annual Meeting - Huntington Beach, June 2019 JP Morgan Faculty Award Conference - New York, May 2019 ABFER 7th Annual Conference – Singapore, May 2019 Household Finance Conference at the Olin Business School, Wash. U. - St. Louis, May 2019 Investor and Financial Education Council – Hong Kong, May 2019 The University of Hong Kong - Hong Kong, May 2019 American University - Washington DC, May 2019 Stanford University Advanced Financial Technologies Laboratory – Stanford, April 2019 International Monetary Fund – Washington DC, April 2019 USC Dornsife INET Panel Data Forecasting Conference – Los Angeles, April 2019 Cherry Blossom Financial Education Institute, George Washington University - Washington DC, April 2019 Ortygia Business School - Sicily, March & April 2019 Vienna Graduate School of Finance - Vienna, March 2019 University of Delaware Institute for Financial Services Analytics – Newark, March 2019 AFA Annual Meeting (Discussion) – Atlanta, January 2019

2018

Conference on FinTech, Social Finance, and Financial Stability – Shenzhen, December 2018 Cornell University – Ithaca, November 2018 HEC Lausanne and EPFL – Lausanne, November 2018 Open Data Science Conference West – San Francisco, November 2018 Boston University – Boston, November 2018 University of Notre Dame – South Bend, October 2018 Vanderbilt University – Nashville, October 2018 Financial Management Association Annual Meeting, Social Media Panelist – San Diego, October 2018

Georgetown University McDonough School of Business – Washington DC, September 2018 AI in Finance Summit – New York, September 2018 Keynote Speaker at the Vanguard Research Symposium on Machine Learning – Malvern, August 2018 SFS Cavalcade - New Haven, May 2018 Second Maryland Finance Conference (Discussion) - College Park, April 2018 RFS FinTech Workshop of Registered Reports at Cornell Tech - New York, March 2018* HEC-McGill Winter Finance Workshop (Discussion) – Sunshine Mountain Lodge, Calgary, March 2018 Midwest Finance Association Annual Meeting (Presentation and Discussion) - San Antonio, March 2018 AEA Annual Meeting – Philadelphia, January 2018 AFA Annual Meeting (Discussion) – Philadelphia, January 2018 2017 Miami Behavioral Finance Conference – Miami, December 2017* University of Delaware - Newark, December 2017 NBER Behavioral Meeting - Boston, November 2017 CFP Consumer Finance Series Presentation – Washington DC, October 2017 TFI Event & CEPR European Conference on Household Finance - Sardinia, October 2017* Georgetown University McDonough School of Business - Washington DC, September 2017 American Association of Individual Investors - Washington DC, September 2017 Federal Reserve Bank of Philadelphia – Philadelphia, September 2017 EFA Annual Meeting – Mannheim, August 2017 NBER Summer Institute Household Finance Meeting - Boston, July 2017 CEPR European Summer Symposium in Financial Markets - Gerzensee, July 2017 China International Conference in Finance - Hangzhou, July 2017* WFA Annual Meeting – Whistler, June 2017 Barcelona GSE Summer Forum – Barcelona, June 2017 (2 Presentations) FIRS Annual Meeting (Presentation and Discussion) - Hong Kong, June 2017 ITAM Finance Conference - Mexico City, June 2017 FMA Asia/Pacific Annual Meeting – Taipei, May 2017* RFS FinTech Workshop of Registered Reports at Columbia University - New York, May 2017 FSU SunTrust Beach Conference – Destin, April 2017 UNC/Duke Corporate Finance Conference – Chapel Hill, April 2017 NBER Corporate Finance Meeting – Boston, March 2017

Conference on Financial Decisions and Asset Markets, Wharton – Philadelphia, March 2017 FED/GFLEC Financial Literacy Seminar – Washington DC, March 2017 Finance Down Under Conference – Melbourne, March 2017

2016

NBER Behavioral Meeting – Boston, November 2016 PanAgora Asset Management – Boston, November 2016 University of Maryland RH Smith School of Business – College Park, October 2016 EFA Annual Meeting (Discussion) – Oslo, August 2016 Johns Hopkins Carey Business School – Baltimore, May 2016 University of Melbourne – Melbourne, April 2016 HEC-McGill Winter Finance Workshop – Fernie, March 2016 Netspar International Pension Workshop – Leiden, January 2016* AFA Annual Meeting – San Francisco, January 2016

2015

EFA Annual Meeting (Presentation and Discussion) – Vienna, August 2015 Society of Financial Econometrics Annual Meeting – Aarhus, June 2015 FMA Asia Annual Meeting – Seoul, June 2015* WFA Annual Meeting – Seattle, June 2015 SIRE Conference on Asset Pricing – Glasgow, June 2015* SFS Finance Cavalcade (Discussion) – Atlanta, May 2015 Texas Finance Festival – Austin, April 2015 Finance Down Under Conference – Melbourne, March 2015* UBC Winter Finance Conference – Vancouver, March 2015 ASU Sonoran Winter Finance Conference – Phoenix, February 2015 7th Annual Hedge Fund Research Conference – Paris, January 2015 AFA Annual Meeting – Boston, January 2015

2014

Imperial College – London, December 2014* Campbell & Company – Baltimore, November 2014 Fifth Risk Management Conference Mont Tremblant – Québec, February 2014* 5th Annual CIRPÉE Applied Financial Time Series Workshop – Montreal, February 2014

2013

Federal Reserve Bank of New York – New York, December 2013 Queen Mary University conference on advances in commodity markets – London, November 2013 NBER 2013 conference on the economics of commodity markets – Boston, October 2013 University of Maryland – Smith School of Business, October 2013* EFA Annual Meeting (Discussion) – Cambridge, August 2013 SFS Finance Cavalcade (Discussion) – Miami, May 2013

2012

Federal Reserve Board of Governors – Washington DC, November 2012* Barclays Capital – New York, November 2012* University of Virginia McIntire School of Commerce – Charlottesville, April 2012 Finance Down Under Conference – Melbourne, March 2012 University of Maryland RH Smith School of Business – College Park, February 2012

2011

Warwick Business School – Coventry, February 2011 Federal Reserve Board of Governors – Washington DC, February 2011 McGill University Desautels Faculty of Management – Montreal, February 2011 Duke University, Department of Economics – Durham, February 2011 University of Iowa Tippie College of Business – Iowa City, January 2011 University of Maryland RH Smith School of Business – College Park, January 2011 Northern Illinois University, Department of Economics – DeKalb, January 2011 University of New South Wales Australian School of Business – Sydney, January 2011 Federal Reserve Bank of San Francisco – San Francisco, January 2011 Swiss Finance Institute – Lugano, January 2011 University of Chicago Booth School of Business – Chicago, January 2011 Swiss Finance Institute – Geneva, January 2011

2010

University of California San Diego, Department of Economics – San Diego, November 2010 FMA Annual Meeting – New York, October 2010 EFA Annual Meeting (Presentation and Discussion) – Frankfurt, August 2010 University of California San Diego Rady School of Management – San Diego, March 2010 AFA Annual Meeting – Atlanta, January 2010

DISCUSSIONS:

39. "Racial and Gender Favoritism in Crowdfunding—Evidence from the Field," by Ha Diep-Nguyen, Michael Price, and Jun Yang, American Finance Association, San Francisco (2025)

38. "The Social Signal," by Anthony Cookson, Runjing Lu, William Mullins, and Marina Niessner, American Economic Association, San Antonio (2024)

37. "Consumption out of Fictitious Capital Gains and Selective Inattention," by Benjamin Loos, Steffen Meyer, and Michaela Pagel, American Finance Association, San Antonio (2024)

36. "Beyond Performance: The Financial Education Role of Robo-Advising," by Rubin Hao, Conghui Hu, Yixuan Wang, Xin Xu, and Yu Zhang, China International Conference in Finance, Shanghai (2023)

35. "It's Not Who You Know—It's Who Knows You: Employee Social Capital and Firm Performance," by DuckKi Cho, Lyungmae Choi, Michael Hertzel, and Jessie Jiaxu Wang, American Finance Association Annual Meeting, New Orleans (2023)

34. "High Dimensional Factor Models with an Application to Mutual Fund Characteristics," by Martin Lettau, American Finance Association Annual Meeting, New Orleans (2023)

33. "Mortgage Lending through a Fintech Web Platform: the Roles of Competition, Diversification, and Automation," by Christoph Basten and Steven Ongena, Office of Comptroller of the Currency's inaugural Symposium on the Financial Implications of FinTech for Banking (2023)

32. "Friends and Family Money: P2P Transfers and Financially Fragile Consumers," Tetyana Balyuk and Emily Williams, University of Washington Summer Finance Conference, Seattle (2022)

31. "Machine Learning the Skills of Mutual Fund Managers," by Ron Kaniel, Zihan Lin, Markus Pelger, and Stijn Van Nieuwerburgh, NBER Summer Institute Big Data and High-Performance Computing for Financial Economics, Boston (2022)

30. "Learning from Prospectuses," by Simona Abis, Andrea Buffa, Anton Lines, and Apoorva Javadekar, Society of Financial Studies Cavalcade North America, Chapel Hill (2022)

29. "Machine Learning for Active Portfolio Management," by Söhnke M. Bartram, Jürgen Branke, Giuliano De Rossi, and Mehrshad Motahari, ESMA Expert Workshop on AI in EU Securities Markets: Asset Management, Virtual (2022)

28. "Asset Pricing with Panel Trees under Global Split Criteria," by Xin He, Will Cong, Guanhao Feng, and Jingyu He, GSU/RFS FinTech Conference, Atlanta (2022)

27. "AlphaPortfolio: Direct Construction Through Deep Reinforcement Learning and Interpretable AI," by Will Cong, Ke Tang, Jingyuan Wang, and Yang Zhang, NBER/RFS big data finance conference, Virtual (2022)

26. "Efficiency in Household Decision Making: Evidence from the Retirement Savings of US Couples" by Taha Choukmane, Lucas Goodman and Cormac O'Dea, CEPR Conference on Household Finance, Virtual (2021)

25. "Did FinTech Lenders Facilitate PPP Fraud?" by John Griffin, Samuel Kruger, and Prateek Mahajan, UT Dallas Fall Finance Conference, Virtual (2021)

24. "Choosing Investment Managers" by Amit Goyal, Sunil Wahal, and M. Deniz Yavuz, WFA, Virtual (2021)

23. "Rise of the Machines: The Impact of Automated Underwriting," by Mark Jansen, Hieu Nguyen and Amin Shams, CICF Annual Meeting, Shanghai and Virtual (2021)

22. "Fintech as a Financial Liberator," by Greg Buchak, Jiayin Hu and Shang-Jin Wei, CICF Annual Meeting, Shanghai and Virtual (2021)

21. "Inaccurate Information in Marketplace Loans," Vesa Pursiainen, FIRS Annual Meeting, Virtual (2021)

20. "Fintech in the time of COVID-19: Trust and technological adoption during crises" by Jonathan Fu and Mrinal Mishra, 4th Shanghai-Edinburgh Fintech Conference, Virtual (2020)

19. "Trust as Entry Barrier: Evidence from FinTech Adoption" by Keer Yang, CEPR Household Finance Conference, Virtual (2020)

18. "Forest through the Trees: Building Cross-sections of Stock Returns" by Svetlana Bryzgalova, Markus Pelger, and Jason Zhu, SFS Cavalcade, Virtual (2020)

17. "On the Rise of the FinTechs—Credit Scoring Using Digital Footprints" by Tobias Berg, Valentin Burg, Ana Gombović, Manju Puri, 3rd Annual IMF Macro-Financial Research Conference, Washington DC (2020)

16. "Attention Triggers and Retail Investors' Risk Taking" by Marc Arnold, Matthias Pelster, and Marti G. Subrahmanyam, 2020 Midwest Finance Association Annual Meeting, Chicago (2020)

15. "Borrowing in Response to Windfalls" by Michaela Pagel and Arna Olafsson – ASSA, San Diego (2020)

14. "Hedge Funds and Public Information Acquisition" by Alan Crane, Kevin Crotty, and Tarik Umar, 2019 AIM Investment Conference – Austin (2019)

13. "Predicting Returns with Text Data" by Tracey Ke, Bryan Kelly, and Dacheng Xiu, 2019 JHU Carey finance conference – Baltimore (2019)

12. "Empirical Asset Pricing via Machine Learning" by Shihao Gu, Bryan Kelly, and Dacheng Xiu, American Finance Association Meeting – Atlanta (2019)

11. "Man vs. Machine: Quantitative and Discretionary Equity Management" by Simona Abis, Second Maryland Finance Conference (Discussion) – College Park (2018)

10. "Dissecting Announcement Returns," by Mamdouh Medhat and Maik Schmeling, HEC-McGill Winter Finance Workshop – Sunshine Mountain Lodge (2018)

9. "Mutual Fund Style Analysis: A Stochastic Dominance Approach," by Jue Ren, MFA Annual Meeting – San Antonio (2018)

8. "Identifying the Benefits from Home Ownership: A Swedish Experiment," by Paolo Sodini, Stijn Van Nieuwerburgh, Roine Vestman, Ulf von Lilienfeld-Toal, AFA – Philadelphia (2018)

7. "The Information Content of Sudden Insider Silence," by Claire Yurong Hong, and Frank Weikai Li, FIRS – Hong Kong (2017)

6. "Lottery-Related Anomalies: The Role of Reference-Dependent Preferences," by Li An, Huijun Wang, Jian Wang, and Jianfeng Yu, European Finance Association Annual Meeting – Oslo (2016)

5. "Dividend Growth Predictability and the Price-Dividend Ratio," by Ilaria Piatti and Fabio Trojani, European Finance Association Annual Meeting – Vienna (2015)

4. "Oil Volatility Risk and Expected Stock Returns," by Peter F. Christoffersen and Xuhui Pan, SFS Finance Cavalcade – Atlanta (2015)

3. "Valuation Risk and Asset Pricing," by Rui Albuquerque, Martin Eichenbaum, and Sergio Rebelo, SFS Finance Cavalcade – Miami (2013)

2. "Firm Volatility in Granular Networks," by Bryan Kelly, Hanno Lustig and Stijn Van Nieuwerburgh, European Finance Association Annual Meeting – Cambridge (2013)

1. "Anatomy of a Meltdown: the Risk Neutral Density for the S&P 500 in the Fall of 2008" by Justin Birru and Stephen Figlewski, European Finance Association Annual Meeting – Frankfurt (2010)

PROFESSIONAL ACTIVITIES:

Lead Organizer of the weekly Global Virtual Seminar Series on FinTech, hosted by the Center for Financial Markets and Policy at Georgetown University – March 2020 to Present. Link to events (<u>https://finpolicy.georgetown.edu/news/global-virtual-seminar-series-on-fintech/</u>)

Program Committee Member for the 2021, 2022 WFA Annual Meeting Program Committee Member for the 2021, 2022 SFS Cavalcade Annual Meeting Program Committee Member for the 2023 FIRS Annual Meeting Program Committee Member for the 2022, 2023 MFA Annual Meeting Program Committee Member for the 2022 GSU/RFS FinTech Conference Program Committee Member for the 2022 AIM Investment Conference Program Committee Member for Vienna Symposium on Foreign Exchange Markets (VSFX 2022) Program Committee Member for the 2022 Tel Aviv University Finance Conference

Track Chair for "Big Data and FinTech" at the 2021, 2022, and 2023 MFA Annual Meeting

Research Committee Member for the 2021 Annual Meeting of the Cherry Blossom Financial Education Institute (with Annamaria Lusardi and Michael Staten)

Program Selection Committee Member and Session Chair for the 2021 and 2022 Future of Financial Information Conference, Stockholm Business School

Chair of the Session "FinTech and Consumer Finance," at INFORMS Annual Meeting, National Harbor, MD, 2020

Chair of the Session "FinTech," at the WFA meetings in San Francisco, California, 2020

Chair of the Session "Machine Learning Techniques in Finance," at the WFA meetings in Huntington Beach, California, 2019

Chair of the Session "News and Asset Prices," at the EFA meetings in Lisbon, Portugal, 2019

Chair of the Asset Management session of the "*Fifth Annual Conference on Financial Market Regulation*" hosted jointly by the Securities and Exchange Commission, the Center for Financial Policy at the Robert H. Smith School of Business at the University of Maryland, Lehigh University and The CFA Institute

Chair of the session "Econometric Modeling of Risk and Risk Premia" – European Finance Association Annual Meeting 2017

Co-organizer with Julien Cujean of the conference "Information Acquisition and Disclosure in Financial Markets" at the University of Maryland – May 2017

Member of the review committee for the HEC-McGill Winter Finance Workshops – 2018-2023 Member of the review committee for the Financial Research Network (FIRN) Annual Meeting – 2017 Member of the review committee for the Conference on Derivatives and Volatility – 2017 Member of the review committee for the Conference in honor of Pete Kyle – 2016

Member of the review committee for the Midwest Finance Association Annual Meeting – 2018, 2017, 2015 Member of the review committee for the National University of Singapore Annual Risk Management Conference – 2015, 2014, 2013, 2012

Journal referee:

Review of Economic Studies; Journal of Finance; Review of Financial Studies; Journal of Financial Economics; Management Science; Review of Economics and Statistics; Journal of Financial and Quantitative Analysis; Review of Asset Pricing Studies; Journal of Financial Markets, Operations Research, Journal of Money, Credit, and Banking; Review of Finance; Journal of Financial Econometrics; Journal of Futures Markets; The Financial Review; Journal of Empirical Finance; Journal of Banking and Finance; Mathematical Finance; Review of Derivatives Research; Journal of Financial Services Research; European Central Bank Paper Series; Handbook of Economic Forecasting

Member:

American Economic Association; American Finance Association; European Finance Association; Western Finance Association

TEACHING:

Long-Term Asset Management Master Class. Vienna University of Economics and Business, 2024

PhD Minicourse on FinTech and Machine Learning at Macquarie University 2023 - Sydney, 2023

Empirical Asset Pricing. A Ph.D. level course at the Swiss Finance Institute-Lugano, 2023, 2022, 2021, 2018

Machine Learning for Finance, Georgetown University, 2023, 2022 – Undergraduate level course (6 sections)

FinTech, Georgetown University, 2021 – Undergraduate level course (2 sections)

FinTech, Georgetown University, 2021 – MBA level course (2 sections)

Short Course on Robo-Advising for Financial Advisors– 6 hours. FINECO, in collaboration with Ortygia Business School, Siracusa, 2019

- Data Analytics and Financial Programming A. MS Finance Program Core Course: 2012-2013 (4 sections), 2013-2014 (3 sections), 2014-2015 (3 sections), 2015-2016 (3 sections), 2016-2017 (3 sections), 2017-2018 (3 sections), 2018-2019 (2 sections)
- Data Analytics and Financial Programming B. MS Finance Program Core Course. 2014-2015 (3 sections), 2015-2016 (3 sections), 2016-2017 (3 sections), 2017-2018 (3 sections), 2018-2019 (2 sections)
- 2017: Allen J. Krowe Excellence in Teaching Award, Smith School of Business at the University of Maryland (awarded to 6 out of 180 faculty members every year)

2013: Top 15% Award for Outstanding Teaching – Smith School of Business at the University of Maryland

UNIVERSITY SERVICE:

McDonough School of Business:

Head of the Recruiting Committee – Finance Department: 2021-2022

Co-Head of the Recruiting Committee – Finance Department: 2019-2020

Member of the A. James Clark Chair in Global Real Estate Search Committee– McDonough School of Business: 2021-2022

Member of the Master of Finance Advisory and Curriculum Committee – McDonough School of Business: 2020-2021

Member of the Business/Data Analytics Advisory and Curriculum Committee – McDonough School of Business: 2019-2020, 2020-2021

Member of the Finance Area's Undergraduate Curriculum Committee – McDonough School of Business: 2019-2020, 2020-2021

Member of the Online Master of Finance Advisory and Curriculum Committee – McDonough School of Business: 2020-2021

Member of the Data Science Coordinating Committee – University Level: 2019-2020

Member of the Candidate Review Committee (CRC) for Tenure and Promotion – McDonough School of Business: 2019-2020

Faculty Advisor of the Georgetown FinTech Club: 2019-2021

Faculty Advisor for the Georgetown MBA team at the Southeastern Hedge Fund Competition: 2021

RH Smith School of Business:

Chair of the Research Data and Tech Committee – Finance Department: 2017-2018

Chair of the Research Computing Committee – RH Smith School of Business: 2014-2017

Research Computing Committee Member – University Level: 2014-2018

Master of Finance Committee Member – Finance Department: 2012-2018

Investment Funds Oversight Committee Member - Finance Department: 2014-2017

Finance Seminar Organizer - Finance Department: 2013-2014, 2017-2018

CIBER Doctoral Student Grants Committee Member - RH Smith School of Business: 2016-2017

Recruiting Committee Member - Finance Department: 2013-2014

Database Advisory Committee Member - Finance Department: 2013-2014

Faculty Advisor of the Italian Club at UMD – University Level: 2017-2018

COMPUTER SKILLS:

R, Python, Matlab, Mathematica, STATA, SAS, EViews, LaTeX, UNIX, Linux, Microsoft Office, HTML