Curriculum Vitae

# Kent D. Daniel

January 2, 2024

Contact Information:

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AREAS OF SPECIALIZATION:

Asset pricing and behavioral finance.

ACADEMIC APPOINTMENTS:

# Columbia Business School, Columbia University, New York, NY

- Jean-Marie Eveillard/First Eagle Investment Management Professor of Business, July 2020–present
- William von Mueffling Professor of Business, November 2016–July 2020
- Professor of Finance, July 2010–November 2016
- Senior Vice Dean of Faculty Affairs, July 2019–July 2022
- Chair, Finance Division, July 2017–July 2018
  - Teaching Responsibilities: Capital Markets & Investments (MBA); Topics in Behavioral Finance (PhD);

Northwestern University, Kellogg School of Management, Evanston, IL

- John L. and Helen Kellogg Distinguished Professor of Finance, 2001–2007.
- Associate Professor with tenure, August 1999–August 2001.
- Assistant Professor 1996–1999.
  - Teaching Responsibilities: Finance Core (MBA); Investments (MBA); Dynamic Asset Pricing (PhD).

University of Chicago, Graduate School of Business, Chicago, IL

- Assistant Professor, 1992–1996.
  - Teaching Responsibilities: Investments (MBA); Futures and Options (MBA).

# University of British Columbia, Vancouver, B.C., Canada

- Assistant Professor, 1991–1992.
  - Teaching Responsibilities: Corporate Finance.

## PROFESSIONAL EXPERIENCE:

# Goldman Sachs Asset Management, New York, NY

- Managing Director, co-CIO and Director of Equity Research, Quantitative Investment Strategies, March 2009-February 2010
- Managing Director, Director of Equity Research,
  - Quantitative Investment Strategies, September 2005-March 2009
- Vice President, Quantitative Strategies, December 2004-September 2005.

Research and Teaching Assistant, UCLA, Los Angeles, California, 1987-90. Member of the Technical Staff, Aerojet Electrosystems Company, Azusa CA, 1982-87. Scientist, Nichols Research Corporation, Newport Beach CA, 1981-82.

Postal Address:

Columbia Business School 665 West 130th St, Kravis 722 New York, NY 10027

### EDUCATION:

Ph.D.,	University of California at Los Angeles, June 1992.
	Thesis Title: The Time Variation of Asset Returns.
	Thesis Chairman: Professor Sheridan Titman.
М.В.А.,	(Finance), University of California at Los Angeles, June 1987.
B.S.,	(Physics, with honors), California Institute of Technology, June 1981.

ACADEMIC AWARDS AND FELLOWSHIPS:

Dimensional Fund Advisors Distinguised Paper Award, Journal of Finance, 2021 SummerHaven Investment Management Prize for Best Paper of the Wharton–Rodney L. White Center 2019 Conference Hillcrest Behavioral Finance Award, 2017 AQR Insight Award finalist, 2017 Fama/DFA Prize for best paper in capital markets and asset pricing published in the Journal of Financial Economics - Second Prize, 2016 Swiss Finance Institute Outstanding Paper Award, 2013. Smith Breeden Award for the best paper in The Journal of Finance, 1999. Smith Breeden Award for the best paper in *The Journal of Finance*, 1997. Nominated for Smith Breeden Award, 2006. Research Associate, National Bureau of Economic Research (2014-present) Research Associate, National Bureau of Economic Research (2003-2008) Faculty Research Fellow, National Bureau of Economic Research (1997-2003) AIAA Award for the Best Paper on Investments at the 1997 WFA Conference. Best Paper Award for the 2000 NTU International Conference on Finance. Best Paper Award for the 1998 NTU International Conference on Finance. Allstate Dissertation Fellowship, UCLA, 1988 and 1989. Dean's Fellowship, UCLA, 1987. Beckman Fellowship, Caltech, 1980. California State Scholarship, Caltech, 1976.

#### TEACHING AWARDS:

Dean's Award for Teaching Excellence in MBA Elective Courses, Columbia Business School, 2016. Chairs' Core Course Teaching Award, Kellogg/Northwestern, 2002-03. Sidney Levy Teaching Award, Kellogg/Northwestern, 1996-97 and 2000-01.

## PUBLISHED ARTICLES:

- 26. "The Dynamics of Disagreement," with Alexander Klos and Simon Rottke. *Review of Financial Studies*, **36**(6), June 2023, 2431–2467.
- 25. "Monetary Policy and Reaching for Income," with Lorenzo Garlappi and Kairong Xiao. *Journal of Finance*, **7**(3), June 2021, 1145-1193.
- 24. "The Cross-Section of Risk and Return." with Lira Mota, Simon Rottke and Tano Santos. *Review of Financial Studies*, **33**(5), May 2020, 1927–1979.

- 23. "Liquidity Regimes and Optimal Dynamic Asset Allocation," with Pierre Collin-Dufresne and Mehmet Saglam. *Journal of Financial Economics.* **136**(2), May 2020, 379–406.
- 22. "Short and Long Horizon Behavioral Factors," with David Hirshleifer and Lin Sun. *Review of Financial Studies.* **33**(4), April 2020, 1673–1736.
- 21. "Declining CO<sub>2</sub> Price Paths," with Robert B. Litterman and Gernot Wagner. *Proceedings of the National Academy of Sciences*, **116**(42), 15 October 2019.
- 20. "A Theory of Costly Sequential Bidding" with David Hirshleifer. *Review of Finance*, **22**(5), August 2018, 1631–1665
- 19. "The Carry Trade: Risks and Drawdowns" with Robert Hodrick and Zhongjin Lu. Critical Finance Review, 6(2), September 2017, 211–262.
- 18. "Momentum Crashes," with Tobias Moskowitz. Journal of Financial Economics, **122**(2), November 2016, 221–247.
- 17. "Another Look at Market Responses to Tangible and Intangible Information," with Sheridan Titman. *Critical Finance Review*, **5**(1), 2016, pp. 165–175.
- 16. "Overconfident Investors, Predictable Returns, and Excessive Trading," with David Hirshleifer. Journal of Economic Perspectives, **29**(4). Fall 2015, 61–88.
- "Testing Factor-Model Explanations of Market Anomalies," with Sheridan Titman. Critical Finance Review, 1(1), January 2012, pp 103–139.
- 14. "Anatomy of a Crisis," CFA Institute Conference Proceedings Quarterly., 26(3), September 2009, 11–21.
- 13. "Market Reactions to Tangible and Intangible Information," with Sheridan Titman, *Journal* of Finance, **61**(4), August 2006, p. 1605–1643.
- 12. "Investor Psychology in Capital Markets: Evidence and Policy Implications," with David Hirshleifer and Siew Hong Teoh, *Journal of Monetary Economics*, **49** (2002) 139–209.
  - Reprinted in *International Library of Critical Writings in Economics*, 2005, Werner DeBondt, editor. Edward Elgar.
- "Behavioral Finance," with Kent Womack, book chapter published in *Handbook of Modern Finance*, edited by Dennis E. Logue and James K. Seward, Warren, Gorham & Lamont, 2001 edition, Section B1, 1–30.
- 10. "The Power and Size of Mean Reversion Tests,." Journal of Empirical Finance, 8 (2001), 493–535.
- 9. "Overconfidence, Arbitrage, and Equilibrium Asset Pricing," with David Hirshleifer and Avanidhar Subrahmanyam. *Journal of Finance*, **56**(3), June 2001, p. 921–965.
- 8. "Explaining the Cross-Section of Stock Returns in Japan: Factors or Characteristics?," with Sheridan Titman and K.C. John Wei. *Journal of Finance*, **55**(2), April 2001, p. 743–766.
  - Winner of the best paper award for the 2000 NTU International Conference on Finance in Taipei, Taiwan

- "Market Efficiency in an Irrational World," with Sheridan Titman. Financial Analysts' Journal, 55(6), November/December 1999, p. 28–40.
- 6. "Investor Psychology and Security Market Under- and Over-reactions," with David Hirshleifer and Avanidhar Subrahmanyam, *The Journal of Finance*, **53**(5), December 1998, 1839–1886.
  - Winner of the 1999 Smith-Breeden Prize for the best paper in the Journal of Finance.
  - AAII Award for Best Paper on Investments at the 1997 Western Finance Association Meetings.
  - Best Paper Award for the 1998 NTU International Conference on Finance in Taipei, Taiwan
  - Reprinted in *Advances in Behavioral Finance, Volume* II, Richard H. Thaler, editor. Princeton University Press: Princeton, 2005.
  - Reprinted in *International Library of Critical Writings in Financial Economics*, Richard Roll, editor. Edward Elgar.
- 5. "Characteristics or Covariances?," with Sheridan Titman. Journal of Portfolio Management, **24**(3), 1998, p. 24–33.
- "The Equity Premium Puzzle and the Risk-Free Rate Puzzle at Long Horizons," with David Marshall. *Macroeconomic Dynamics* 1(2), 1997, p. 452–484.
- "Measuring Mutual Fund Performance with Characteristic Based Benchmarks," with Sheridan Titman, Mark Grinblatt and Russ Wermers. The Journal of Finance 52(3), July 1997, p. 1035–1058.
- "Evidence on the Characteristics of Cross-Sectional Variation in Stock Returns," with Sheridan Titman. The Journal of Finance 52(1), March 1997, p. 1–33.
  - Winner of the 1997 Smith-Breeden Prize for the best paper in the Journal of Finance.
  - Reprinted in *Advances in Behavioral Finance, Volume* II, Richard H. Thaler, editor. Princeton University Press: Princeton, 2005.
  - Reprinted in Asset Pricing and Portfolio Performance, Robert A. Korajczyk, editor. Risk Books: London, 1999.
  - Reprinted in *International Library of Critical Writings in Financial Economics*, Richard Roll, editor. Edward Elgar.
- 1. "Investment Under Asymmetric Information," with Sheridan Titman, in North Holland Handbook of Finance, Jarrow, Maksimovic and Ziemba editors. North Holland: Amsterdam, 1995.

PUBLISHED DISCUSSIONS:

- 2. "Discussion of: 'Testing behavioral finance theories using trends and sequences in financial performance,' by Wesley Chan, Richard Frankel, and S.P. Kothari,. *Journal of Accounting and Economics*, December 2004, **38**, p. 51–64.
- 1. "A Discussion of 'Why Don't Issuers Get Upset About Leaving Money on the Table," by Tim Loughran and Jay Ritter. *Review of Financial Studies* 2002, **15**(2), p. 445–454.

RECENT UNPUBLISHED MANUSCRIPTS:

- 7. "Optimists, Pessimists and Stock Prices", with Simon Rottke and Alexander Klos, working paper, October 2023.
- 6. "Optimal Dynamic Asset Allocation with Transaction Costs: The Role of Hedging Demands", with Pierre Collin-Dufresne and Mehmet Saglam, revised June 2023.
- 5. "Tail Risk in Momentum Strategy Returns," with Ravi Jagannathan and Soohun Kim, revised February 2019.
- 4. "One Brief Shining Moment(um): Past Momentum Performance and Momentum Reversals," with Usman Ali and David Hirshleifer. Revised October 2018.
- 3. "Short-Sale Constraints and International Momentum Returns," with Alexander Klos and Simon Rottke. Unpublished manuscript, November 2015.
- 2. "Strategic Asset Allocation with Predictable Returns and Transaction Costs," with Pierre Collin-Dufresne, Ciamac Moallemi, and Mehmet Saglam. Revised June, 2015.
- 1. "Liquidity and Return Reversals," with Pierre Collin-Dufresne. Unpublished manuscript. May 2015.

Older Unpublished Manuscripts:

- 3. "Consumption-Based Modeling of Long-Horizon Returns," with David Marshall, unpublished manuscript, May 1998.
- 2. "Common Stock Returns and the Business Cycle," with Walter Torous, unpublished manuscript, June 1995.
- 1. "Business Cycle Variation in Earnings Forecasts and Common Stock Returns," with Vivek Mande, unpublished manuscript, September, 1994.

### EDITORIAL SERVICE:

- 1. Associate Editor, Critical Finance Review, 2018-
- 2. Associate Editor, Journal of Investment Management, 2017-
- 3. Associate Editor, Journal of Finance, 2000-2006
- 4. Associate Editor, Finance Letters, 2003-2006
- 5. Ad-hoc referee for the American Economic Review, Journal of Political Economy, International Economic Review, Journal of Finance, The Review of Financial Studies, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Business, Financial Management, Journal of Financial and Quantitative Analysis, Management Science, Journal of Financial Economics, Quarterly Journal of Economics, Journal of Money, Credit and Banking, Journal of Financial Intermediation, Journal of Empirical Finance, Journal of Financial Management, Journal of Financial Research, Critical Finance Review and the Proceedings of the National Academy of Sciences.

### INVITED SEMINAR PRESENTATIONS:

University of Chicago Finance Seminar, (April, 1991) Northwestern University Finance Seminar, (April, 1991) University of Southern California Finance Seminar (September, 1992) University of Michigan Finance Seminar (April, 1993) Wharton School Finance Seminar (September 1993) Uncertainty workshop at the University of Chicago (November 1993) University of Indiana Finance Seminar (March 11, 1994) University of Illinois Champaign-Urbana Finance Seminar (April 7, 1994) London Business School Finance Seminar (March 16, 1995) University of Chicago Finance Seminar (April 4, 1995) MIT Finance Seminar (April 12, 1995) UCLA Finance Seminar (April 21, 1995) University of Illinois Champaign-Urbana Finance Seminar (October 26, 1995) Dartmouth Finance Seminar (November 10, 1995) Northwestern University Finance Seminar (November 15, 1995) Harvard Business School Finance Seminar (November 20, 1995) Stanford GSB Finance Seminar (January 17, 1996) University of Michigan Finance Seminar (March 15, 1996) Wharton School Finance Seminar (March 21, 1996) University of Southern California Finance Seminar (April 12, 1996) University of Texas-Austin Finance Seminar (April 26, 1996) Northwestern University Finance Seminar (October 30, 1996) Securities and Exchange Commission Seminar (July 11, 1997) Columbia University Finance Seminar (September 24, 1997) University of Houston Finance Seminar (September 29, 1997) New York University Finance Seminar (April 22, 1998) UCLA Finance Seminar (June 5, 1998) Purdue Finance Seminar (November 19, 1998) Princeton Economics Seminar (December 9, 1998) UC Davis Finance Seminar (December 11, 1998)

Emory Finance Seminar (January 22, 1999) Yale Finance Seminar (February 5, 1999) Washington University Finance Seminar (March 12, 1999) Stockholm School of Economics Seminar (April, 16 1999) Dartmouth Finance Seminar (May 21, 1999) University of North Carolina (March 28, 2000) Vanderbilt University (March 31, 2000) Arizona State (April 28, 2000) UBC (May 12, 2000) University of Virginia (May 19, 2000) INSEAD (May 26, 2000) Notre Dame Finance Seminar (November 15, 2000) University of Chicago, GSB Finance Seminar (November 28, 2000) MIT-Sloan Finance Seminar (December 6, 2000) Stanford GSB Finance Seminar (April 4, 2001) University of California, Berkeley Finance Seminar (April 5, 2001) Federal Reserve Bank of New York (April 10, 2001) UBC Finance Seminar (July 27, 2001) Rice Finance Seminar (August 31, 2001) Columbia University – Finance Seminar (September 20, 2001) Wharton Finance Seminar (April 4, 2002) Harvard Business School (April 24, 2002) NYU Stern School Finance Seminar (May 1, 2002) London Business School Finance Seminar (December 4, 2002) HEC Montreal Finance Seminar (May 8, 2003) Virginia Tech Finance Seminar (April 2, 2004) Washington University Finance Seminar (April 16, 2004) UCLA Finance Seminar (May 14, 2004) University of Iowa Finance Seminar (August 27, 2004) Duke University Finance Seminar (September 14, 2004) University of Arizona Finance Seminar (September 17, 2004) Columbia University – Finance Seminar (March 31, 2005) Federal Reserve Bank of New York Finance Seminar (June 16, 2005) CUNY-Baruch Finance Seminar (September 14, 2005) Princeton Finance Seminar (September 28, 2005) Harvard Business School Finance Seminar (November 2, 2005) University of Maryland Finance Seminar (September 22, 2006) INSEAD Finance Seminar (April 27, 2007) Morgan Stanley Finance Seminar (August 31, 2010) Rutgers Finance Seminar (March 24, 2011) Yale Finance Seminar (October 14, 2011) University of Utah Finance Seminar (April 20, 2012) University of Southern California Seminar (September 28, 2012) University of Texas, Austin Finance Seminar (November 9, 2012) Aalto University & Hanken School of Economics Seminar (December 11, 2012) BI Norwegian Business School (December 12, 2012) Copenhagen Business School Seminar (December 14, 2012) University of Minnesota Finance Seminar (April 26, 2013) Ecole Polytechnique Federale de Lausanne (EPFL) Finance Seminar (May 21, 2013) McGill Finance Seminar (September 20, 2013) Rice University Finance Seminar (October 4, 2013) Purdue Finance Seminar (December 6, 2013) Baruch Finance Seminar (December 11, 2013) Tulane finance seminar (April 11, 2014) UCSD Finance Seminar (May 16, 2014) Federal Reserve Bank of New York (9/18/14)Temple University Finance Seminar (10/3/14)Society of Quantitative Analysts Seminar (10/16/14)Emory finance seminar (October 24, 2014) London School of Economics (10/29/14)London Business School (10/30/14)NYU-Stern Finance Seminar (March 25, 2015) BYU Finance Seminar (May 22, 2015) UC Irvine Finance Seminar (May 29, 2015) University of Connecticut Finance Seminar (October 2, 2015) Ohio State Finance Seminar (April 15, 2016) Stanford GSB Finance Seminar (April 26, 2016) Kellogg-Northwestern Lunch Seminar (May 5, 2016) Notre-Dame finance seminar (April 28, 2017) Oxford-Saïd finance seminar (May 4, 2017) University of Washington finance seminar (May 17, 2017) Ecole Polytechnique Federale de Lausanne (EPFL) Finance Seminar (June 9, 2017) University of Cincinnati Finance Seminar (13 April 2018) University of Michigan Finance Seminar (7 September 2018) University of Colorado Finance Seminar (19 October 2018) Washington University Finance Seminar (26 October 2018) NYU Finance Seminar (31 October 2018) Georgetown University Finance Seminar (2 November 2018) Yale Finance Seminar (9 November 2018) University of Texas, Austin Finance Seminar (January 20, 2019) Cornell Finance Seminar (August 30, 2019) Baruch Finance Seminar (September 10, 2019) Babson Finance Seminar (February 28, 2020) London Business School Finance Seminar (virtual—October 22, 2020) UCLA seminar (virtual—December 7, 2020) Oxford-OMI Seminar (virtual—January 19, 2021) TU-Munich Seminar (virtual—November 11, 2021) LSE Finance Seminar (virtual—October 26, 2021) HEC Montreal Seminar (October 29, 2021) Brandeis Seminar (virtual—March 11, 2022) University of Rochester Seminar (March 17, 2022) University of Washington Seminar (April 13, 2022)

INVITED CONFERENCE PRESENTATIONS:

Institute of Mathematical Statistics, (July, 1991) American Finance Association Meetings, (January, 1992) CRSP Conference (November 1993) CRSP Conference (May, 1994) Western Finance Association Meetings (June 1994) Northern Finance Association Meetings (September 1994) Chicago Quantitative Alliance Academic Paper Competition (September 1994) Center for Investment Research Corporate Earnings Analysis Conference (January 1995) NBER Behavioral Finance Conference (February 3, 1995) Western Finance Association Meetings (June 1995) NBER Asset Pricing Conference (October 13, 1995) American Finance Association Meetings, (January, 1996) NBER Asset Pricing Conference (November 1, 1995) American Economic Association Meetings, (January, 1997) NBER Behavioral Finance Conference (April 26, 1997) Economic Society Meetings, (January, 1998) FMA Doctoral Symposium (October 14, 1998) Texas Finance Festival (April 22, 1999) LSE Concerence on Market Rationality (November 30, 2000) EFMA Meetings (June 28, 2001) Scottish Institute for Research in Finance - Conference. (September 3, 2001) Dartmouth Conference presentation (Octber 19, 2001) BC-Finance Advisory Board Conference (June 9, 2003) FMA Doctoral Consortium – presentation on Behavioral Finance (October 8, 2003) 2003 HKUST Finance Symposium (December 16, 2003) IMA Financial Data Analysis and Applications Conference (May 28, 2005) Notre Dame Behavioral Finance Conference (October 1, 2004) Society of Quantitative Analysts (June 15, 2005) NBER Asset Pricing Summer Institute (July 15, 2005) Duke/UNC Asset Pricing Conference (October 22, 2005) New York Society of Security Analysts (January 24, 2006) European Financial Management Conference (April 21, 2006) Uhlenbruch-Verlag 9th Annual Portfolio Management Conference (May 9, 2006) Dutch National Bank Conference (September 7, 2006) Financial News Conference on Behavioral Finance, London (December 7, 2006) Chicago Quantitative Alliance Conference (April 17 2007) New York Fed Conference (December 13, 2007) Weiss Center Conference on Alternative Investments – the Wharton School (April 4, 2008) Pension Fund Investment Forum, London (May 28, 2009) Sweedish Institute for Financial Research Conference – Keynote Address (Aug. 23, 2010) Columbia Quantitative Trading and Asset Management Conference (November 19, 2010) NBER Asset Pricing Summer Institute (July 14, 2011) Inquire Conference (October 2, 2011) University of Miami Behavioral Finance Conference (December 16, 2011) JOIM Conference (October 1, 2012) Q-Group fall seminar (October 17, 2012) WU Vienna University of Economics and Business Conference on Asset Management (November 13, 2012) NYU 5-Star conference (December 7, 2012) 3rd Helsinki Conference on Investor Behavior – Keynote Address (August 27, 2013) American Finance Association Meetings, (January 6, 2014) Symposium on Intelligent Investing at the University of Western Ontario (May 30, 2014) Heller-Hurwicz Economics Institute Climate Change Conference

at the University of Minnesota (September 12, 2014) AFA Annual Meetings (January 6, 2015) Fordham-Gabelli School Value Investing Conference (April 22, 2016) Vanderbilt FMRC International Finance Conference (May 20, 2016) Greenwich Roundtable (June 16, 2016) Journal of Investment Mangement ESG Conference (September 27, 2016) NBER Spring 2017 Behavioral Finance Meeting (March 25, 2017) University of Maryland conference on Information acquisition and disclosure in financial markets – Keynote address (May 12, 2017) European Economic Association Meetings (August 23, 2017) Axioma risk management conference (October 5, 2017) American Finance Association meetings (5 January) Villanova MARC Conference (23 March) NBER Long-Term Asset Management Conference (4 May) UCLA Finance Conference (8 June 2018) AQR Institute Academic Symposium at the LBS (20 March 2019) Miami Behavioral Finance Conference (13 December 2019) BI-SHoF Conference (June 10, 2020) Georgia State University CEAR Conference — Keynote Presentation (April 29, 2022) The Chicago School of Finance at 125 Conference at Chicago-Booth, Presentation on "The Fama-French factor portfolios". (October 13, 2023)

## INVITED DISCUSSIONS:<sup>1</sup>

Western Finance Association Meetings (June 1990, 91, 92, 93, 95, 97, 98, 99, 2001), 2021) American Finance Association Meetings (January 1992, 1995, 1996, 1999, 2000, 2002, 2003, 2004, 2005, 2007, 2008, 2012, **2013**, **2014**, **2015**, 2016, 2017, 2018, **2019**, 2020, 2021) American Economic Association Meetings (January 1998) Northern Finance Association Meetings (August 1991 and September 1994) NBER Asset Pricing Group Meeting (October 1993) NBER Japan Group Meetings (Feb 1999) NBER Behvioral Finance Group Meetings (Dec 1999) University of Michigan- Mitsui Bank Conference (October, 1994) AUREA Meetings, (January, 1996) Society for Financial Studies (SFS) conference (April 2, 1998) UCLA Behavioral Conference (April 17, 1998) NBER Asset Pricing Group Meeting (November, 1999) NBER Japan Group Discussion (February 6, 1999) Econometric Society Meetings (January 9, 2000) Texas Finance Festival (April 8, 2000) SFS Conference at the Market Frictions and Behavioral Finance (April 15, 2000) NBER Corporate Finance Summer Institute (August 8, 2000) Federal Reserve Bank of Atlanta (September 15, 2000) London School of Economics Concerence on Market Rationality (December 1, 2000) - Panelist Texas Finance Festival (April 20, 2001) EFMA Roundtable discussion on Behavioral Finance (June 28, 2001) - Panelist

<sup>&</sup>lt;sup>1</sup>Copies of discussion slides from 2000-present are available at http://kentdaniel.net/discussions.php. Boldface indicates multiple discussions

NBER Fall Behavioral Meetings (Nov 10, 2001) NBER Spring Asset Pricing Meetings (March 1, 2002) NBER Spring Corporate Finance Meetings (April 19, 2002) II Banco de Portugal Conference on Monetary Economics (June 21, 2002) NBER Summer Institute Asset Pricing Program Meetings (July 18, 2002) MIT, UT-Austin, and UC-Berkeley Real Estate Research Conference (August 13, 2002) American Finance Association Meetings (January 4, 2003) NBER Summer Institute Asset Pricing Program Meetings (July 17, 2003) NBER Behavioral Finance Group Meeting. (November 15, 2003) NBER Behavioral Finance Program Meeting (April 10, 2004) Texas Finance Festival (April 24, 2004) Summer UBC Finance Conference (August 6, 2004) NBER Universities Research Conference (May 14, 2005) NYU-Moody's Credit Risk Conference (May 16, 2006) Kellogg Hedge Fund Conference (August 15, 2006) 2007 Neemers Prize Conference in honor of Lars Hansen (October 25, 2007) 2008 BeFi Conference (March 27, 2008) JOIM Spring 2008 Conference (April 15, 2008) NBER Risks of Finance Institutions Group Meeting (April 24, 2008) NBER Corporate Finance Meeting – U.S. Credit Markets Crisis Panel – Panelist (April 25, 2008) NBER Summer Institute Asset Pricing Program Meetings (July 11, 2008) NYU-Moody's Credit Risk Conference (May 13, 2010) NBER Risk Meetings (June 17, 2010) Conference on Heterogeneous Expectations and Economic Stability, Columbia University, (Feb 11, 2011) Texas Finance Festival (April 15, 2011) NBER Behavioral Finance Group Meetings (April 29, 2011) NBER Summer Institute (July 18, 2011) NBER Behavioral Finance Group Meetings (November 3, 2012) NBER Asset Pricing Summer Institute (July 11, 2013) NBER Asset Pricing Group Meetings (November 8, 2013) NBER Behavioral Finance Group Meeting (April 11, 2015) NBER Risk of Financial Institutions Group Meeting (July 8, 2015) NBER Real Estate Group Meeting (July 22, 2015) BYU-Red Rock Conference (September 11, 2015) Columbia-Milstein Center panel discussion on the regulation of mutual funds (May 25, 2016) BYU-Red Rock Conference (September 8, 2016) Texas Finance Festival (April 21, 2017) University of Miami Behavioral Finance Conference (December 16, 2017) Utah Winter Finance Conference (8 February 2018) Fordham Rising Stars Conference (11 May 2018) SFS Cavalcade (23 May 2018) Red Rock conference (13 September 2018) Chicago Conference on New Methods for the Cross-Section of Returns (29 September 2018) 2019 Adam Smith Conference at LSE (21 March 2019) NBER Summer Institute (July 12, 2019) NBER Asset Pricing Group Meetings (November 8, 2019) NBER Behavioral Finance Group Meeting (virtual—May 15, 2020) AI and Big Data in Finance Research Forum (virtual—25 February 2021) CEPR Advanced Forum for Financial Economics (virtual—April 12, 2022)

Five-Star Conference (18 November 2022)
David Backus Memorial Conference on Macro-Finance at UCLA (March 16, 2023)
NBER New Developments in Long-Term Asset Management (April 15, 2023)
SFS Cavalcade North America 2023 (May 25, 2023)
2023 Red Rock Conference (September 14, 2023)
NBER Asset Pricing Program Meeting, Fall 2023 (November 2, 2023)

## OTHER SERVICE:

Director, American Finance Association, 2006-2008 Director, Western Finance Association, 2005-2007 Red-Rock Conference Program Chair, 2015 Wharton-Jacobs Levy Prize Advisory Committee, 2021 American Finance Association Nominating Committee 2016-2017 Member of Society for Financial Studies Bylaws Review Committee, 1999. Red-Rock Conference Program Committee, 2015-2019, 2021-2022 WFA Program Committee, 1999, 2000-2002, 2004-2010, 2017-2022 SFS Cavalcade Program Committee, 2018-2022 AFA Program Committee, 2000-2001, 2003-2004, 2012, 2014 EFA Program Committee 2015-2018 AIM Investor Conference Program Committee, 2016 WFA meetings Session Chair, 2001, 2005-06, 2008, 2009 AFA meetings Session Chair, 2000, 2012, 2014 Numerous Doctoral Dissertation Committees Numerous Media Quotes

## OUTSIDE ACTIVITIES:

- Ongoing Board Memberships:
  - 1. BOARD OF TRUSTEES, Commonfund, 2023-PRESENT.
    - *Time Commitment:* 15–20 DAYS/YEAR.
  - 2. ACADEMIC ADVISORY BOARD, Martingale Asset Management, 2015-PRESENT.
    - *Time Commitment:* 2–3 DAYS/YEAR.
  - 3. ACADEMIC ADVISORY BOARD, Society of Quantitative Analysts, 2012-PRESENT.
    - Time Commitment:  $\sim 1-2$  DAYS/YEAR.
  - 4. ECONOMICS ADVISORY COUNCIL, Environmental Defense Fund, 2020-PRESENT.
    - Time Commitment:  $\sim 1-2$  DAYS/YEAR.