# Terrance Odean

CURRENT Rudd Family Foundation Professor

**POSITION** Haas School of Business

(2008 to present) University of California at Berkeley

Berkeley, CA 94720-1900

+1-510-642-6767 odean@berkeley.edu www.odean.org

www.youtube.com/c/MakingGoodFinancialDecisions

**PREVIOUS** 

**POSITIONS** Willis H. Booth Professor of Banking and Finance

(2006-2008) Haas School of Business

University of California at Berkeley

(2005-2006) Professor

Haas School of Business

University of California at Berkeley

(2003-2005) Associate Professor

Haas School of Business

University of California at Berkeley

(2001-2003) Assistant Professor

Haas School of Business

University of California at Berkeley

(1997-2001) Assistant Professor

Graduate School of Management University of California at Davis

Davis, CA 95616-8609

**EDUCATION** Walter A. Haas School of Business

University of California at Berkeley

Ph.D., Finance, May, 1997

Masters of Science, Finance, December 1992

University of California at Berkeley Bachelors of Arts, Statistics, May 1990

**HONORS** James R. Vertin Award from CFA Institute

Carleton College Alumni Distinguished Achievement Award, 2012

Barclays Global Investors Award for Best Conference Paper at European

Finance Association Meetings, Moscow 2005

Barclays Global Investment / Michael Brennan Prize for the Best Paper of

the year (2001) in the Review of Financial Studies

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Graham and Dodd Award of Excellence, 2000

National Science Foundation Career Grant

National Science Foundation Research Grant (SES-0111470)

Roger F. Murray Prize (from the Institute for Quantitative Research in Finance)

American Association of Individual Investors 1997 Completed Dissertation Award

Nasdaq Foundation Dissertation Fellowship

University of California Regents Fellowship

Departmental Citation for outstanding undergraduate accomplishment in statistics

Phi Beta Kappa

# PROFESSIONAL ACTIVITIES

Member of WU Gutmann Center Academic Advisory Board, Vienna, (2009 to present) <a href="http://www.gutmann-center.at/gc/">http://www.gutmann-center.at/gc/</a>

Member of the Russell Sage Behavioral Economics Roundtable (2005 to present) <a href="http://www.russellsage.org/programs/other/behavioral/">http://www.russellsage.org/programs/other/behavioral/</a>

Member of *The Journal of Investment Consulting* Editorial Advisory Board (2006 to present)

SSRN Behavioral and Experimental Finance Abstracts Advisory Board (2005 to present) http://www.ssrn.com/update/fen/fen behav-exper-fin.html

Member of *Borsa Istanbul Review* Advisory Board (2013 to present)

Member of Critical Finance Review Editorial Board (2012 to present)

Chair of Haas Finance Group (2008-2010, 2012-2014)

Visiting Professor, University of Stavanger, Norway, 2011, 2012, 2014 Editor, Management Science, special issue on Behavioral Economics, 2010 <a href="http://mansci.journal.informs.org/">http://mansci.journal.informs.org/</a>

Associate Editor, Journal of Finance, (2006 to 2012) http://www.afajof.org/

Director, UC Berkeley's Xlab (2005-2006) <xlab.berkeley.edu>

Editor, The Review of Financial Studies (2005-2006) <www.sfsrfs.org>

Associate Editor, *Review of Financial Studies* (2004-2005)

Associate Editor, *Journal of Behavioral Finance* (2002 to present)

Co-organizer NBER Behavioral Finance Working Group meeting, November 2008

Nominating Committee, American Finance Association, (2004)

Program Committee, Western Finance Association Meetings (2004, 2005, 2010, 2013)

European Finance Association Meeting, Track Chair (2015, 2017), Session Chair (2015) Program Committee (2000- 2005, 2009, 2012-2014)

Program Committee Center for Analytical Finance Summer Research Conference (2008, 2009)

Program Committee 2009 Sixth Annual Napa Conference on Financial Markets

Session Chair, Western Finance Association Meetings (2004, 2005, 2010, 2012)

Session Chair, American Finance Association Meetings (2004, 2010)

Session Chair, WU Gutmann Center Symposium, Vienna, 2011, 25th Australasian Finance and Banking Conference, Sydney, Session Chair

Page 2 6/21/18

## (2012), Selection Committee (2013-2015) Chair, Berkeley Program in Finance, Fall 2002, Co-Chair Fall 1999 Orals Committee Examiner, London Business School, October 2003

#### WORKING PAPERS

"Family, Values, and Women in Finance," with Renée Adams and Brad Barber.

"The Math Gap and Women's Career Outcomes," with Renée Adams and Brad Barber.

"Scam the Declined or Decline to be Scammed: A Model of Financial Choice in the Presence of Cognitive Decline," with Simon Gervais.

"Learning Fast or Slow" with Brad Barber, Yi-Tsung Lee, Yu-Jane Liu, and Ke Zheng.

### PUBLISHED OR FORTHCOMING

"STEM Parents and Women in Finance" with Renée Adams and Brad Barber, forthcoming *Financial Analysts Journal*.

"Made Poorer by Choice: Worker Outcomes in Social Security v. Private Retirement Accounts," with Javed Ahmed and Brad Barber, *Journal of Banking and Finance*, 2018, 92, 311-322.

"Which risk factors matter to investors? Evidence from mutual fund flows," with Brad Barber and Xing Huang, *Review of Financial Studies* 2016, Volume 29, 10, 2600-2642

"Bubbling with Excitement: An Experiment" with Eduardo Andrade and Shengle Lin, *Review of Finance*, 2016, Vol. 20, 2, 447-466.

"The Cross-Section of Speculator Skill: Evidence from Day Trading" with Brad Barber, Yi-Tsung Lee and Yu-Jane Liu, *Journal of Financial Markets*, 2014, Vol. 18, 1-24.

"Once Burned, Twice Shy: How Naïve Learning, Counterfactuals, and Regret Affect the Repurchase of Stocks Previously Sold" with Brad Barber and Michal Strahilevitz, 2011, *Journal of Marketing Research*, Vol. 48, 102-120.

"Overconfidence, Compensation Contracts, and Capital Budgeting" with Simon Gervais and J. B. Heaton, 2011, *Journal of Finance*, Vol, 66, 5, 1735-1777.

"Systematic Noise" with Brad Barber and Ning Zhu, *Journal of Financial Markets*, 2009, Vol. 12, 547-569.

"Just How Much Do Investors Lose from Trade?" with Brad Barber, Yi-Tsung Lee and Yu-Jane Liu, *Review of Financial Studies*, 2009, Vol. 22, 2, 609-632.

Page 3 6/21/18

"Do Retail Trades Move Markets?" with Brad Barber and Ning Zhu, *Review of Financial Studies*, 2009, Vol. 22, 1, 151-186.

"All that Glitters: The Effect of Attention and News on the Buying Behavior of Individual and Institutional Investors" with Brad Barber, *Review of Financial Studies*, 2008, Vol. 21, 2, 785-818.

"Is the Aggregate Investor Reluctant to Realize Losses: Evidence from Taiwan" with Brad Barber, Yi-Tsung Lee and Yu-Jane Liu *European Financial Management*, 2007, Vol. 13, 423-447.

"Effect of Behavioral Biases on Market Efficiency and Investors' Welfare," *CFA Institute Conference Proceedings Quarterly*, 2007, Vol. 24, 6-18.

"Out of Sight, Out of Mind: The Effects of Expenses on Mutual Fund Flows" with Brad Barber and Lu Zheng, *Journal of Business*, 2005, Vol. 78, 2095-2119.

"Are Individual Investors Tax Savvy? Evidence from Retail and Discount Brokerage Accounts" with Brad Barber, *Journal of Public Economics*, 2004, Vol. 88, 419-442.

"Good Rationales Sell: Reason-Based Choice Among Group and Individual Investors in the Stock Market" with Brad Barber and Chip Heath, *Management Science*, 2003, Vol. 49, No. 12, 1636-1652.

"Online Investors: Do the Slow Die First?" with Brad Barber, *Review of Financial Studies*, March 2002, Vol. 15, No. 2, 455-487.

"Does Online Trading Change Investor Behavior?" with Brad Barber, *European Business Organization Law Review*, 2002, Vol. 3, 83-128.

"Boys will be Boys: Gender, Overconfidence, and Common Stock Investment" with Brad Barber, *Quarterly Journal of Economics*, February 2001, Vol. 116, No. 1, 261-292.

"The Internet and the Investor" with Brad Barber, *The Journal of Economic Perspectives*, Winter 2001, Vol. 15, No. 1, pp. 41-54.

"Learning to be Overconfident" with Simon Gervais, *Review of Financial Studies*, Spring 2001, Vol. 14, No. 1, pp. 1-27.

"Trading is Hazardous to Your Wealth: The Common Stock Investment Performance of Individual Investors" with Brad Barber, *Journal of Finance*, Vol. LV, No. 2, April 2000, 773-806.

"Too Many Cooks Spoil the Profits: The Performance of Investment Clubs"

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with Brad Barber, Financial Analyst Journal, January/February 2000, 17-25.

"Do Investors Trade Too Much?", *American Economic Review*, Vol. 89, December 1999, 1279-1298.

The Courage of Misguided Convictions: The Trading Behavior of Individual Investors with Brad Barber, *Financial Analyst Journal*, November/December 1999, 41-55.

"Volume, Volatility, Price, and Profit When All Traders Are Above Average," *Journal of Finance*, Vol. LIII, No. 6, December 1998, 1887-1934.

"Are Investors Reluctant to Realize Their Losses?", *Journal of Finance*, Vol. LIII, No. 5, October 1998, 1775-1798.

#### BOOK CHAPTERS

"The Behavior of Individual Investors" with Brad Barber, 2013, in *Handbook of the Economics of Finance*, Volume 2, Part B, edited by George Constatinides, Hilton Harris, and Rene Stulz, Elsevier Publishing, Amsterdam.

"All that Glitters: The Effect of Attention and News on the Buying Behavior of Individual and Institutional Investors" with Brad Barber. Expanded version of *Review of Financial Studies* paper republished in *The Handbook of News Analytics in Finance*, 2011, edited by Gautam Mitra and Leela Mitra, John Wiley & Sons, Chichester: UK.

"Individual Investors," with Brad Barber, in Richard Thaler (ed), *Advances in Behavioral Finance, Volume II*, 2005, Russell Sage Foundation and Princeton University Press, 543-569.

"Boys will be Boys: Gender, Overconfidence, and Common Stock Investment," with Brad Barber. Reprinted in *The Psychology of World Equity Markets*, Volume I, 2005, edited by Werner de Bondt, Edward Elgar Publishing, Northampton: MA.

"Trading is Hazardous to Your Wealth: The Common Stock Investment Performance of Individual Investors" with Brad Barber, Reprinted in *Behavioral Finance, Volume III*, 2000, edited by Hersh Shefrin, Edward Elgar Publishing, Northhampton: MA.

"Do Investors Trade Too Much?" Reprinted in *Behavioral Finance, Volume III*, 2000, edited by Hersh Shefrin, Edward Elgar Publishing, Northhampton: MA.

"Volume, Volatility, Price, and Profit When All Traders Are Above Average," Reprinted *in Behavioral Finance, Volume I*, 2000, edited by Hersh Shefrin, Edward Elgar Publishing, Northhampton: MA

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"Are Investors Reluctant to Realize Their Losses?" Reprinted in Choices, Values, and Frames, 2000, edited by Daniel Kahneman and Amos Tversky, Cambridge University Press, New York: NY.

Also reprinted in *Behavioral Finance*, *Volume III*, 2000, edited by Hersh Shefrin, Edward Elgar Publishing, Northhampton: MA.

"The Internal Call Market: A Clean, Well-Lighted Place to Trade," with Frederick Grauer, in W. Beaver and G. Parker (eds), 1995, Risk Management: Problems & Solutions, McGraw-Hill, New York.

Forward to Managing Equity Portfolios: A Behavioral Approach to Improving Skills and Investment Processes, 2014, by Michael A. Ervolini, The MIT Press, Cambridge, Massachusetts.

#### **OTHER** ARTICLES

Forward to Finanza comportamentale e investimenti, 2012, by Enrico Maria Cervellati, McGraw-Hill, Milano.

"Paying for Old Age," with Henry Hu, New York Times (op-ed) February 26, 2011

"Privatized pensions: an irrational choice," with Daniel Kahneman and Brad Barber, Global Agenda, a publication of the World Economic Forum, 2005.

"Perils for investors," with Simon Gervais, Financial Times, Mastering Investing Series, June 18, 2001.

"You Are What You Trade," with Brad Barber, Bloomberg Personal Finance Magazine, May 2000

# **PROFESSIONAL**

Ludwig Maximilian University, Munich, May 2018

PRESENTATIONS Max Planck Institute for Research on Collective Goods, Bonn, May 2018

University of Mannheim, May 2018

University of Ghent, May 2018

Bank of Belgium, Brussels, May 2018

Next Gen Personal Finance Summit, San Francisco, March 2018

Research Affiliates Advisor Symposium, Newport Beach, March 2018

Investment Decisions and Behavioral Finance, Harvard Kennedy School,

November, 2017

B|O|S, San Francisco, October 2017

Marshall School of Business, USC, October 2017

Columbia University, October 2017

UBS CIO Forum, New York, September 2017

Tangerine Lecture in Finance, Toronto, September 2017

Baruch College, September 2017

UBS CIO Forum, Los Angeles, June 2017

Carleton College, June 2017

Research Affiliates Advisory Panel, Newport Beach, May 2017

Page 6 6/21/18 SEC Disclosure Effectiveness Evidence Summit, Washington DC, March 2017

Women in Finance Conference, School of International and Public Affairs, Columbia University, March 2017

Columbia Business School, March 2017

Pontificia Universidad Católica de Chile, Santiago, November 2016

Morningstar, Chicago, October 2016

CFA Institute Alpha and Gender Diversity Conference, Boston, September 2016

Unisinos University, Brazil, (by video uplink), September 2016

Matson Money, Cincinnati, July 2016

WU Gutmann Center for Portfolio Management, Vienna, June 2016

Society for Experimental Finance, Annual Conference, Mannheim, June 2016 University of Innsbruck, June 2016

Copenhagen Business School, June 2016

Boulder Summer Conference on Consumer Financial Decision Making, May 2016

Salone del Risparmio, Milan, April 2016

Bocconi University, Milan, April 2016

University of Miami, March 2016

Morningstar Institutional Conference, Phoenix, March 2016

JOIM Conference, Rohnert Park, March 2016

Experimental and Behavioral Aspects of Financial Markets Conference,

Chapman University, January 2016

Financial Planning Association of San Francisco, November 2015

University of South Florida, Tampa, October 2015

Thinking Ahead Institute, New York, October 2015

Thalerfest, Chicago, September 2015

BlackRock, San Francisco, September 2015

Boulder Summer Conference on Consumer Financial Decision Making, June 2015

19/19 Investment Counsel, Baltimore, May 2015

University of Indiana, April 2015

Matson Money, Scottsdale, March 2015

American Economics Association meetings, Boston, January 2014

Bloomberg, New York, November 2014

Q-Group, Dana Point, October 2014

European Finance Association, Lugano, August 2014

Helsinki Finance Summit, August 2014

Matson Money, Cincinnati, August 2014

Boulder Summer Conference on Consumer Financial Decision Making, May 2014

CFA Vancouver Investor 1<sup>st</sup> Wealth Conference, May 2014

Pioneer Global Investments Conference, Boston, April 2014

Private Asset Liaisons Group, San Francisco, March 2014

JOIM Conference, San Diego, March 2014

University of Stavanger, March 2014

Institute for Private Investors, San Francisco, February 2014

Page 7 6/21/18

American Institute of CPAs, Las Vegas, January 2014

Dodge and Cox, San Francisco, December 2013

Dimensional Fund Advisors, Santa Monica, November 2013

McGill & HEC Montreal, November 2013

China Securities Regulatory Commission, Beijing, October 2013

The 10<sup>th</sup> Chinese Finance Annual Meeting, Beijing, October 2013

Matson Money, Scottsdale, October 2013

Cal Alumni Association & Charles Schwab, San Francisco, October 2013

Dimensional Fund Advisors, Austin, September 2013

University of Bologna, June 2013

Anima, Milan, June 2013

Best of IMCA, Dallas, June 2013

Princeton University, April 2013

Tulane University, April 2013

NYU Stern School of Business, March 2013

Benefits Canada Conference, Banff, February 2013

Matthews International Capital Management, San Francisco, February 2013

Borsa İstanbul, January 2013

Vienna School of Economics and Business (WU), January 18, 2013

Vienna Seminar on Asset Management, January 17, 2013

Expertengespräch, Palais Coburg, Vienna, January 16, 2013

2012 Auckland Finance Meeting, December 2012

Risk Minds Conference, Amsterdam, December 2012

Tri-Valley Cal Alumni Group, Pleasanton, CA, September 2012

Conference on Behavioral Finance, University of Stavanger, September 2012

Experimental Finance 2012, University of Luxembourg

Helsinki Finance Summit, August 2012

Carleton College, Northfield, MN, June 2012

ITAM Finance Conference, Mexico City, June 2012

100 Women in Hedge Funds, New York, June 2012

UC San Diego, May, 2012

SIGFIRM Systemic Risk Workshop, UC Santa Cruz April 2012

Pensions & Investments P&I 401(k) Investment Lineup Summit, San

Francisco and Dallas, April 2012

Q-Group, Tampa, Florida, April 2012

University of Michigan, March 2012

Notre Dame, March 2012

McMaster University, March 2012

UC Santa Cruz, February 2012

University of Southern California, December 2011

Ascend Capital Management, San Francisco, December 2011

Global Derivatives USA, Chicago, November 2011

Fund Forum USA, Boston, November 2011

Thrivent Investment Management, Minneapolis, November 2011

International Association of Credit Portfolio Managers, New York, November 2011

2011 Behavioral Finance Symposium, University of Tennessee, Chattanooga, October 2011

Page 8 6/21/18

University of Stravanger, Norway, September 2011

SKAGEN Funds, Stravanger, Norway, September 2011

S.W. Mitchell Capital, Oxford, June 2011

University of Illinois at Chicago, April, 2011

1<sup>st</sup> European Retail Investment Conference, Stuttgart Stock Exchange, February 2011

SKAGEN Funds, Copenhagen, Oslo, and Stockholm, January 2011

University of Washington, December 2010

Securities Exchange Commission, Washington DC, November 2010

Woodruff-Sawyer Inc. Sonoma, November 2010

Russell Investments, Pepperdine University, November 2010

University of Texas at Dallas, October 2010

Conference on Closing the Gender Gap, Harvard Kennedy School, October 2010

Institute of East Asian Studies, UC Berkeley, September 2010

National University of Singapore, August 2010

Capital Group, Los Angeles, June 2010

Blackrock, San Francisco, May 2010

Lasecke Weil Wealth Advisory Group, Saratoga, CA, May 2010

JOIM Conference, San Francisco, March 2010

University of Minnesota, December, 2009

Sinopia Asset Management Quant Seminar, Paris, November 2009

Imperial College, London, November 2009

Haas Alumni Association, New York, October 2009

Mackenzie Investments, London, Ontario, April 2009

Mackenzie Investments, Calgary, April 2009

IMCA Retirement Conference, San Antonio, March 2009

American Institute of Certified Public Accountants Advanced Personal

Financial Planning Conference, San Diego, January 2009

16<sup>th</sup> Conference on Securities and Financial Markets, Kaohsiung, Taiwan, December 2008

Taiwan Stock Exchange, December 2008

UC Berkeley Alumni Association, Taipei, December 2008

Barclays Global Investors, San Francisco, November 2008

Harvard Business School, November 2008

Gerson Lehrman Group, Boston, November 2008

Gerson Lehrman Group, New York, November 2008

Southern Methodist University, November 2008

Strategic Legacy Planning Forum, Dallas, November 2008

IMCA Advanced Wealth Management Conference, Costa Mesa, October 2008

Q-Group, Dana Point, October 2008

First Annual DC Investment Forum, Toronto, October 2008

Alliance Bernstein, New York, September 2008

6<sup>th</sup> Annual Integrated Wealth Management Forum, New York, September 2008

Capital Group, Los Angeles, September 2008

Santa Fe Institute, July 2008

2008 Morningstar Investment Conference, Toronto, June, 2008

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Royal Society for the Encouragement of Arts, Manufactures, and Commerce, London, June, 2008

Behavioral Finance Conference, Oxford-Man Institute and Saïd Business School, University of Oxford, May, 2008

Financial Planning Association, San Francisco, May, 2008

2008 Morningstar UK Investment Conference, London (by video uplink), May, 2008

Franklin Templeton Investments, San Mateo, May, 2008

Orkla Finans, Oslo, April, 2008

Wirtschaftsuniversitaet, Vienna, April, 2008

University of Sydney, April 17, 18, 2008

Merrill Lynch, Denver, March 2008

Psych-Econ Seminar Series, UC Berkeley, December 2007

University of Texas, Austin, October 2007

Haas Alumni Los Angeles, September 2007

Santa Fe Institute Public Lecture Series, August 2007

Melbourne Centre for Financial Studies, July 2007

University of Melbourne, July 2007

Behavioral Finance Symposium, Beijing University, June 2007

CFA Institute, The Efficient Market and Behavioral Finance Conference, Boston, June 2007

Pensions and Investments Absolute Return/Alpha Conference, San Francisco, May 2007

Edward Jones, St. Louis, May 2007

Fuller Thaler Asset Management, San Mateo, May 2007

New York Private Equity Network, New York, May 2007

Gerson Lehrman Group, Boston, May 2007

Wellington Investments, Boston, May 2007

Pensions and Investments Absolute Return/Alpha Conference, New York, May 2007

Enterprise Risk Management Symposium, Chicago, March 2007

WellsCap Montgomery Fixed Income, Walnut Creek, February 2007

Merrill Lynch Investor Choice Symposium, Atlanta, February 2007

School of Law—Boalt Hall, UC Berkeley, January 2007

Fidelity, Boston, December 2006

Citigroup Smith Barney, San Diego, November 2006

Franklin Templeton Investments, San Mateo, November 2006

Gerson Lehrman Group, San Francisco, November 2006

Program on Investment Decisions and Behavioral Finance, Kennedy

School of Government, Harvard University, April 2000, December 2000,

May 2002, November 2002, October 2003, October 2004, November

2005, November 2006

Santa Fe Institute, October 2006

Rockbay Capital Management, New York, October 2006

Gerson Lehrman Group, New York, October 2006

Golden Gate University, September 2006

Columbia University, September 2006

Simon Fraser University, September 2006

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European Finance Association Meetings, Zurich, August 2006

Institutional Investor's Fixed Income Forum, Whistler, B.C., July 2006

Private Wealth Management Conference, Singapore, June 2006

Singapore Management University, June 2006

Western Finance Association Meeting, June 2006

IMCA, Toronto, June 2006

Consulting Services Support Corporation, La Jolla, June 2006

Berkeley/Stanford Joint Finance Seminar, May 2006

Emory University, April 2006

CFA Society of Chicago, April 2006

NBER Asset Pricing Meeting, March 2006

Cornell University, March 2006

IMCA, Tucson, March 2006

American Finance Association Meetings, Boston 2006

IMCA, Sante Fe, December 2005

BSI/Gamma Foundation, Zurich, December 2005

Gutmann Center, Vienna, December 2005

Delahaye IABC Research & Measurement Conference, New York, November 2005

IMCA, Chicago, November 2005

Financial Supervisory Commission, Taipei, Taiwan, October 2005

Taiwan Academy of Banking and Finance and National Science Council,

Taipei, October 28 & 29, 2005

Morgan Stanley, San Diego, October 2005

The Art of Indexing Conference, Washington D.C., September 2005

Edward Jones, St. Louis, September 2005

World Presidents Organization, Chicago, September, 2005

CFA Conference, Calgary, Alberta, June 2005

Mistui Life Symposium on Institutional Investors, University of Michigan, June 2005

Family Office Exchange, New York, June 2005

UCLA, May 2005

Mellon Financial, San Francisco, May 2005

University of Toronto, March 2005

Eaton Vance, New York, March 2005

2nd Behavioral Economics Workshop, Osaka, November 2004

Kwansei Gakuin University, November 2004

Osaka University, November 2004

Indian School of Business, Hyderabad, November 2004

University of Texas, Austin, October 2004

Paul Capital Partners, New York, September 2004

Stockholm Institute for Financial Research Conference on Portfolio Choice and Investor Behavior, September 3<sup>rd</sup> and 4<sup>th</sup>, 2004

Norwegian School of Economics and Business Administration, September 2004

Google, August 2004

Stanford Institute for Theoretical Economics, August 2004

Mutual Service Corporation Annual Convention, Phoenix, May 2004

Page 11 6/21/18

Mercer Global Investment Forum, Dublin, Ireland, April 2004

Moritz College of Law, Ohio State University, February 2004

Mercer Global Investment Forum, Sydney, Australia, December 2003

McGill University, November 2003

Legg Mason Funds Management Conference, Las Vegas, November 2003 Tilburg University, October 2003

Tilburg Center of Finance, October 2003

HEC, Jouy-en-Josas, France, October 2003

Society of Quantitative Analysts, New York, October 2003

RSM McGladrey, Seattle, September 2003

Gothaer Insurance Conference, Berlin, June 2003

AIMR Annual Conference, Phoenix, May 2003

UC Foundation Investment Forum, San Francisco, April 2003

Institutional Investor Public Funds Roundtable, Pasadena, April 2003

19<sup>th</sup> Annual Risk Management Conference, CBOE, CBOT, & CME, San Antonio, March 2003

Morgan Stanley Senior Consultant's Conference, Squaw Creek, February 2003

5th Annual Investment Management Symposium, Lyon Schwabacher Group, San Francisco, December 2002

Cornell University, November 2002

2nd Annual Conference on Personal Risk Management, Individual Finance and Insurance Decisions Centre, Toronto, November 2002

Financial Management Association Doctoral Consortium, San Antonio, October 2002

Investment Management Consultants Association, Colorado Springs, October 2002

Q Group, San Diego, October 2002

AARP National Legislative Council Roundtable Meeting, Washington DC, September 2002

Barclays Global Investors Chicago Client Conference, Chicago, September 2002

Western Finance Association Meetings, June 1999, 2000, 2002

Behavioral Decision Research in Management Meeting, June 2002

Pershing Financial Products and Services Conference, June 2002

Wharton, University of Pennsylvania, March 2002

Mind Symposium III, Dartmouth College, January 2002

Risk Perceptions and Capital Markets Conference, Northwestern University, January 2002

American Finance Association Meeting, January 2002

University of Illinois, November 2001

National Bureau of Economic Research, November 2001

UC Regents Office of the Treasurer, October 2001

Schwab Impact 2001, Seattle, October 2001

Fuller Thaler Asset Management, Chicago, September 2001

Mellon Capital Management, June 2001

Prudential Investments, Nassau, May 2001

Ohio State University, May 2001

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AIMR Annual Conference, May 2001

CEPS Symposium, Princeton University, May 2001

Wealth Planning Institute, May 2001

L.A. Times Investment Strategies Conference, May 2001

Stockholm School of Economics, April 2001

Copenhagen Business School, April 2001

IIR London, April 2001

CEPR/JFI Symposium at INSEAD, April 2001

UC Berkeley, April 2001

UC Irvine, April 2001

Law and Business Conference, Vanderbilt Law School, March 2001

Prudential Investments, Phoenix March 2001

Paine Webber, January 2001, November 2000

Tulane University, November 2000

SEI, November 2000

Society of American Business Editors and Writers, October 2000

MoneySense 2000, October 2000

Duke University, September 2000

North American Securities Administrators Association Meeting, September 2000

Schwab Impact 2000, Denver, October 2000

Q Group, October 2000

European Finance Association Meeting, London, August 2000

BARRA 24th Annual Research Seminar, July 2000

IRR, London, June 2000

7th Plexus Group Conference, May 2000

University of Utah, April 2000

Conference on Market Frictions and Behavioral Finance, Northwestern

University, April 2000

Conference on Financial Markets, Information Technology and Electronic

Commerce, Vanderbilt University, April 2000

Merrill Lynch, Chairman's Club Meetings, April-May 2000

University of Iowa, March 2000

Inquire Europe, March 2000

AIMR, February 2000

Goldman Sachs, February 2000

Barclay's Global Investment Advisors, January, February, March, 2000

National Bureau of Economic Research, December 1999

Berkeley Program in Finance, November 1999

Q Group, Fall 1999

Yale University, September 1999

Princeton University, September 1999

Securities Exchange Commission, September 1999

New England Financial, September 1999

Risk Research Initiative Group, University of Utah, June 1999

University of Alberta, April 1999

Mitsui Life Finance Mini-conference in Behavioral Finance, University of

Michigan, April 1999

Page 13 6/21/18

Conference on Household Portfolio Decision-making and Asset Holdings, The

Wharton School, March 1999

American Finance Association Meetings, January 1999

INSEAD, November 1998

University of Vienna, November 1998

London Business School, November 1998

Arizona State University, November 1998

Corporate & Private Plans Summit, February 1998

American Finance Association Meetings, January 1998

Western Finance Association Meetings, June 1997

Conference on Household Financial Decision Making and Asset Allocation,

The Wharton School, March 1997

Columbia University, March 1997

University of Michigan, February 1997

UCLA, February 1997

University of Texas, February 1997

Northwestern University, February 1997

University of British Columbia, February 1997

University of Chicago, February 1997

Dartmouth College, January 1997

Massachusetts Institute of Technology, January 1997

Harvard University, January 1997

University of Oregon, January 1997

Stanford University, January 1997

Wharton, University of Pennsylvania, January 1997

Duke University, January 1997

University of North Carolina, January 1997

University of Southern California, January 1997

American Finance Association Meetings, January 1997

University of California, Davis, December 1996

Yale University, November 1996

Financial Management Association Meetings, October 1996

National Bureau of Economic Research, May 1996

Berkeley Program in Finance, Ojai Valley, Spring 1996

Russell Sage Foundation Summer Institute in Behavioral Economics, 1995, 1996, 1998, 1999, 2000

The Competition for Order Flow: A Market Microstructure Conference at The University of Memphis, March 1994

#### **DISCUSSANT** Ameri

American Economic Association Meetings January 2017

Boulder Summer Conference on Consumer Financial Decision Making, May 2016

Consumer PhD Forum, 25th Australasian Finance and Banking Conference, Sydney, December 2012

Experimental Finance 2012, University of Luxembourg

European Finance Association Meetings, 2000, 2012

American Finance Association Meetings (2001, 2002, 2006)

American Economic Association Meetings (2006)

Utah Winter Finance Conference, 2003

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Western Finance Association Meetings (1997, 1998, 1999, 2001)
"The Market Efficiency Debate: A Break from Tradition," UCLA (1998)
National Bureau of Economic Research (1997, 1998, 2002, 2007)

**OTHER** Co-owned seat on Pacific Stock Exchange (1990-1991)

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