

ALEXANDER DAVID

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DEGREES PhD Economics, University of California at Los Angeles, 1994.

M.A. Economics, State University of New York at Stony Brook, 1988.

B.A.(Honours) Economics, St. Stephen's College, University of Delhi, 1986.

EMPLOYMENT EXPERIENCE

1. 2017 to Present: David E. Mitchell Professor of Finance 2014 to 2017: Haskayne Research Professor of Finance: 2007 to 2013: Associate Professor of Finance, Haskayne School of Business, University of Calgary. Director of Calgary Centre of Research in Finance (2008-2017). 2005 to 2007: Assistant Professor of Finance.
2. 2010, Jul-Dec, Visiting Associate Professor of Finance, Duke University, Fuqua School of Business.
3. 2001 to 2005: Assistant Professor of Finance, Olin School of Business, Washington University in St. Louis.
4. 1993 to 2001: Economist, Capital Markets Section, Division of Research and Statistics and Division of International Finance, Board of Governors of the Federal Reserve System, Washington D.C.

AWARDS AND GRANTS

1. *Dean's Award for Innovative Research*, Haskayne School of Business, 2019.
2. *Social Sciences and Humanities Research Council of Canada*, Insight Grants 2015, 2019 (two); Standard Research Grants 2006, 2010.
3. *Transformative Research Grant*, Haskayne School of Business University of Calgary, 2017.
4. *Global Risk Institute in Financial Services*. Research Contract, 2012-2013.
5. *Killam Resident Fellow 2008*, University of Calgary.
6. *The Dean's Award for Teaching Excellence 2007*, Haskayne School of Business, University of Calgary.
7. Coach of Haskayne Team that wins the *2007 Rotman International Trading Competition* at the University of Toronto.

8. *National Science Foundation* Research Grant 1992. Research team headed by Professor Joseph Ostroy at the University of California at Los Angeles.
9. Kalman Award for Academic Excellence, 1987, *Department of Economics, State University of New York at Stony Brook*.

PUBLICATIONS

- “Exploration Activity, Long Run Decisions, and the Risk Premium in Energy Futures”, *Review of Financial Studies*, 2019.
- “Imperfect Renegotiations in Interbank Financial Networks,” (with Alfred Lehar), *Management Science*, 2019.
- “Investor and Central Bank Uncertainty and Fear Measures Embedded in Index Options,” (with Pietro Veronesi), *Review of Financial Studies* 2014.
- “What Ties Return Volatilities to Price Valuations and Fundamentals?”, (with Pietro Veronesi), *Journal of Political Economy*, 2013.
- “Inflation Uncertainty, Asset Valuations, and the Credit Spreads Puzzle,” *Review of Financial Studies*, 2008.
- “Heterogeneous Beliefs, Speculation, and the Equity Premium,” *Journal of Finance*, 2008.
- “Pricing the Strategic Value of Puttable Securities in Liquidity Crises.” *Journal of Financial Economics*, 2001.
- “Fluctuating Confidence in Stock Markets: Implications for Returns and Volatility,” *Journal of Financial and Quantitative Analysis*, 1997.
- “Controlling Information Premia by Repackaging Asset-Backed Securities,” *Journal of Risk and Insurance*, 1997.

BOOK CHAPTER

- “The Economics of the Covariation in the Stock Bond Comovement,” *Handbook of Fixed-Income Securities*, First Edition. Edited by Pietro Veronesi. *John Wiley Sons, Inc.* 2016.

CURRENT WORKING PAPERS

- “A New Measure of Credit Ratings Manipulation”, 2020.
- “When is the Price of Dispersion Risk Positive?” (with Amel Farhat) (submitted), 2020.
- “Bayesian Persuasion in Credit Ratings, the Credit Cycle, and the Riskiness of Structured Debt” (with Maksim Isakin), 2020.
- “Creative Destruction, Risk Shifting and Monetary Policy”, 2020.
- “Hoarding and Food Runs During the 2020 Pandemic” (with Swaminathan Balasubramaniam), 2020.
- “Amending the Bankruptcy Code for Connected Distressed Firms” (with Alfred Lehar), 2020.

OLDER WORKING PAPERS

1. “Option Prices with Uncertain Fundamentals: Theory and Evidence on the Dynamics of Implied Volatilities,” (with Pietro Veronesi), Working Paper, University of Chicago, 2002.
2. “Business Cycle Risk and the Equity Premium,” *Working Paper, University of California Los Angeles*, 1994.
3. “A Continuous Time Filter for Tracking Regime Switches,” *Mimeo, University of California Los Angeles*, 1993.
4. “Cyclical Fluctuations in Uncertainty: An Application to the Premium on Equities,” Working Paper, *Department of Economics, University of California, Los Angeles*. Jointly Co-authored with S. Oh, J. Ostroy, and K. Shin, 1991.

PRESENTATIONS OF RESEARCH

2010 – Present: *Western Finance Association*, 2019. *American Finance Association*, 2019. *Northern Finance Association*, 2019. *Oxford University CEMA Conference*, 2017. *ITAM Conference*, 2016. *HEC Montreal -McGill Conference*, 2017. *INSEAD, Finance Department Seminar*, 2015. *Oklahoma University Energy Conference*. *European Finance Association Annual Meetings*, 2015 (2 papers). *Society of Financial Studies Cavalcade*, 2015. *Princeton University, Bendheim Center for Finance*, 2015. *European Financial Management Association Special Panel on Commodities*, 2014. *National Bureau of Economic Research Commodity Markets Group*, 2013. *Western Finance Association Meetings*, 2013. *ASAC Meetings Distinguished Speaker in Finance*, 2013. *Carnegie Mellon University, Tepper School of Business*, 2012. *Alberta Finance Institute Conference*, 2012. *European Finance Association Meetings*, 2012 (2 papers). *Financial Intermediation Research Society*, 2012. *CREDIT Conference in Venice*, 2011. *Western Finance Association Meetings*, 2011. *Society of Financial Studies Cavalcade at University of Michigan*, 2011. *HEC Montreal*, 2011. *American Finance Association*, 2011. *American Economic Association*, 2011. *Duke University, Fuqua School of Business* (2 papers) 2010. *University of North Carolina at Chapel Hill, Finance Department*, 2010. *Pennsylvania State University, Finance Department* 2010. *National Bureau of Economic Research, Summer Institute, Asset Pricing*, 2010. *McGill University-IFM Risk Management Conference*, 2010. *Financial Econometrics Conference University of Waterloo*, 2010. *Simon Fraser University Financial Markets Symposium*, 2010. *Simon Fraser University Finance Department Seminar*, 2010.

Prior Presentations:

Imperial College London, Hedge Fund Conference, 2009. *University of British Columbia* Summer Conference, 2009. North American Summer Meetings of the *Econometric Society*, (2 papers), 2009. *University of British Columbia* Finance Department, 2008. *McGill-IFM* Risk Management Conference, 2008. *University of Alberta* Finance Department, 2007. 3rd Annual Empirical Asset Pricing Retreat of the *University of Amsterdam*, 2007. Gutmann Center Symposium Credit Risk and the Management of Fixed Income Portfolios at the *University of Vienna*, 2007. *Western Finance Association Meetings*, Keystone, Colorado, 2006. *McGill-IFM* Risk Management Conference, 2006. *HEC-Montreal* Finance Department, 2006

American Finance Association Meetings, 2005. Conference on Risk Premiums at the *Federal Reserve Board*, Washington D.C., 2005. Credit Risk and Asset Pricing Conference at the *Wharton School of the University of Pennsylvania*, 2005. 16th Annual Conference on Financial Economics and Accounting at *UNC Chapel Hill*, 2005. Mathematical Finance Conference in honor of Robert J. Elliott, *University of Calgary*, 2005. Haskayne School of Business, *University of Calgary*, 2005. *Brigham Young University* Finance Department, 2005. *University of South Carolina* Finance Department, 2005. *University of Central Florida* Finance Department, 2005. *Federal Reserve Bank of St. Louis*, 2005. *European Finance Association Meetings*, 2004. *Annual Derivatives Securities Conference*, 2004. *Third World Congress of the Bachelier Finance Society*, 2004. *London Business School*, Finance Department, 2004. *Lancaster University* Finance Department, 2004. 15th Annual Conference on Financial Economics and Accounting at *University of Southern California*, 2004. *European Finance Association Meetings*, 2003. *12th Annual Derivatives Securities Conference*, 2002. *The International Conference on Credit Risk*, *HEC-Montreal*, 2002. *11th INFORMS Applied Probability Society Conference*, *Columbia University*, 2001. Finance Department, *University of Notre Dame* 2001. *The 1st World Congress of the Bachelier Finance Society*, 2000. *The Western Finance Association Meetings*, 2000. Options Symposium, *CIRANO*, 2000. Economics Department, *UCLA*, 2000. Finance Department *UCLA*, 2000. Economics Department, *UCSD*, 2000. Research Department, *Federal Reserve Bank of New York*, 2000. *9th Annual Derivatives Securities Conference*, 1999. Finance Department *McGill University*, 1999. Economics Department *Princeton University*, 1999. Graduate School of Business, *University of Chicago*, 1998. Asset Pricing Session, Summer Institute, *National Bureau of Economic Research*, 2001. *Winter Meetings of the Econometric Society*, 1998. Capital Markets Group, *International Monetary Fund*, 1998. Fixed Income Research Department, *Lehman Brothers*, New York, 1998. *Charles River Associates*, 1998. *Western Finance Association*, 1997. *Seventh Annual Derivatives Securities Conference*, 1997. *American Real Estate and Urban Economics Association 1996 International Real Estate Conference* 1996. *Risk Management in Insurance Firms Conference* at the *Wharton Financial Institutions Center*. *Systems Committee Meeting on Financial Markets and Instruments* at the *Federal Reserve Bank of Atlanta*, 1995. *European Econometric Society Meetings*, 1995. *American Finance Association Meetings*, 1995. *Southwestern Finance Association*, 1995.

TEACHING

1. University of Calgary. Classes in Financial Risk Management, Investments, Advanced Corporate Finance, Options and Futures, Energy Markets, Theory of Finance (PhD), Empirical Methods in Asset Pricing (PhD).
 - (a) Mean MBA Ratings 2005-2020: 6.2 on scale of 7.
 - (b) Mean Undergraduate Ratings 2005-2020: 6.1 on scale of 7.
2. Washington University in St. Louis. Classes in Financial Risk Management and Investments.

(b) Average Undergraduate Ratings: 2003-2004, 8.3 on scale of 10.

REFEREEING

Energy Economics, Journal of Political Economy, Journal of Financial Economics, Management Science, Review of Financial Studies, Journal of Finance, Journal of Economic Theory, Journal of Banking and Finance, Journal of Risk and Insurance, Journal of Economic Dynamics and Control, Journal of Empirical Finance, Mathematical Finance, Review of Finance, Journal of Applied Econometrics, Journal of Money Credit and Banking

SERVICE TO PROFESSION

1. Program Chair of Northern Finance Association Meetings in Kananaskis, Alberta, 2008.
2. Organizer of joint University of Alberta, University of Calgary Finance Conference. 2010, 2018
3. Organizer of Alberta Finance Institute Conference on Commodities, 2012.

DOCTORAL STUDENT SUPERVISION

1. Supervisor of Amel Farhat, now Assistant Professor at Sherbrooke University, Canada.
2. Co-Supervisor of Maksim Isakin, now Assistant Professor, Cleveland State University, US.
3. Supervisor of Madhusudan Rao, now in industry (ATCO).
4. Supervisor of Amir Hosseini (2nd Year, PhD Program).
5. Co-Supervisor of Motahharez Moravvej (1st Year, PhD Program)
6. Supervisor of Arman Kiani, Post-Doctoral Fellow.

MAJOR POLICY MEMORANDA

1. "Recent Patterns in Recovery of Defaulted Bonds." Memo written to *Mr. David Stockton, Director, Division of Research and Statistics*, 2001.
2. "Equity versus Asset Volatility: Different Implications for Forecasting Default Risks." Memo written to *Board of Governors of the Federal Reserve System*, 2000.
3. "The Effects of Tightening of Lending Standards on Our Year-Ahead Forecast of Delinquency Rates." Memo written to *Mr. David Stockton, Director, Division of Research and Statistics*, 2000.
4. "Liquidity Conditions Noticed by Corporate Bond Dealers," Memo written to *Mr. David Stockton, Director, Division of Research and Statistics*, 2000.
5. "Earnings Uncertainty and Investors' Forward-Looking Return Distributions." Memo written to *Board of Governors of the Federal Reserve System*, 1999.
6. "Implications of Altman's Aging Analysis for Predicting the Default Rate on Outstanding Junk Bonds." Memo written to *Chairman Alan Greenspan* 1999.
7. "Predicting Default Rates on Outstanding Junk Bonds and the Delinquency Rate on C&I Loans." Briefing to the *Board of Governors of the Federal Reserve System*, 1999.
8. "A Comparison of the Predictive Performance of Moody's Credit Ratings and the KMV Model." Memo written to *Ms. Nellie Liang, Chief, Capital Markets Section* 1998.
9. "Impact of Corporate Bond Call Options on Spreads." Memo written to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1998. Jointly coauthored with Mr. Paul Harrison.
10. "Baa/BBB Spreads and Credit Quality." Memo written to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1998. Jointly coauthored with Mr. Paul Harrison.
11. "Can the Gap Between Large and Small Stock Returns Predict Large Stock Returns?" Memo written to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1998.
12. "Corporate Financial Developments and Concerns about Speculative Excess." Memo written to *Board of Governors of the Federal Reserve System*, 1998. Jointly coauthored with Ms. Rochelle Antoniewicz and Ms. Nellie Liang.
13. "A Brief Review of the Equity Premium Puzzle." Memo written to *Board of Governors of the Federal Reserve System*, 1998. Jointly coauthored with Mr. Eric Engen.

14. "How Much has Credit Quality Weakened in Recent Months." Memo written to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1998.
15. "Forecasting Stock Market Volatility." Briefing to the *Board of Governors of the Federal Reserve System*, 1998.
16. "A Model to Forecast Equity Retirements in the Nonfinancial Sector." Memo to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1997.
17. "Factors Explaining the Financing Pattern in the Recent Wave of Mergers." Briefing to the *Board of Governors of the Federal Reserve System*, 1997.
18. "Credit Quality of the Nonfinancial Sector." Briefing to the *Board of Governors of the Federal Reserve System*, 1996.
19. "Financial Leading Indicators," Memo written to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1996.
20. "The Merger Wave of the 1990s." Memo written to the *Board of Governors of the Federal Reserve System*, 1995.
21. "Properties of Bond Rating Changes." Memo written to *Mr. Michael Prell, Director, Division of Research and Statistics*, 1995.
22. "The Largest Bankruptcy Filing in 1995." Memo written to *Chairman Alan Greenspan*, October 1995.
23. "Simple Analytics of Derivative Pricing Models and Some Possible Implications." Jointly Co-authored with Mr. David Bowman. Memo written to the *International Finance Derivatives Group*, 1994.