

Gregory R. Duffee

December 2020

552 Wyman Park Building
Johns Hopkins University
3100 Wyman Park Dr.
Baltimore, MD 21218

(410) 516-8828 (office)
(410) 516-7600 (fax)
duffee@jhu.edu
www.econ2.jhu.edu/people/Duffee

Employment History

Carl Christ Professor of Economics, Johns Hopkins University, July 2008 to present. (On leave during calendar year 2013.)

Visiting Professor of Economics, Princeton University, Fall 2016

Executive Fellow, Office of Financial Research, U.S. Treasury Department, January 2013 to January 2016. (Full time during calendar year 2013.)

Visiting Associate Professor, Wharton, July 2007 to June 2008.

Associate Professor (tenured), Haas School of Business, University of California–Berkeley, July 2005 to June 2009.

Assistant Professor, Haas School of Business, University of California–Berkeley, August 1999 to June 2005.

Awarded Schwabacher Fellowship for 2003-2004

Visiting Lecturer, Haas School of Business, University of California–Berkeley. Academic year 1998-1999.

Economist and Senior Economist in the Research and Statistics Division, Federal Reserve Board, Washington DC. October 1989 to July 1999.

Education

Graduate School Ph.D. in Economics, Harvard University, 1990
 Major Fields: Finance, Macroeconomics

Undergraduate B.A. *summa cum laude*, Macalester College, 1983
 Major Fields: Economics, Mathematics

Research Interests

Term structure of interest rates, stock return dynamics, credit risk (theoretical and empirical).

Refereed Publications

“Expected inflation and other determinants of Treasury yields,” *Journal of Finance* 73, 2018, 2139-2180. Received the NASDAQ OMX Award for Best Paper on Asset Pricing at the 2015 WFA meeting.

“Estimation of dynamic term structure models,” *Quarterly Journal of Finance* 2, 2012, 1-51. (Joint with Richard Stanton)

- “Information in (and not in) the term structure,” *Review of Financial Studies* 24, 2011, 2895-2934.
- “Evidence on simulation inference for near unit-root processes with implications for term structure estimation,” *Journal of Financial Econometrics* 6, 2008, 108-142. (joint with Richard Stanton)
- “Term structure estimation without using latent factors,” *Journal of Financial Economics* 79, 2006, 507–536.
- “Time-variation in the covariance between stock returns and consumption growth,” *Journal of Finance* 60, 2005, 1673–1712. Nominated for the Smith Breeden Prize (awarded to best paper published in the *Journal* for the year).
- “Term Premia and Interest Rate Forecasts in Affine Models,” *Journal of Finance* 57, 2002, 405-443. Nominated for the Smith Breeden Prize.
- “Credit Derivatives in Banking: Useful Tools for Managing Risk?” *Journal of Monetary Economics* 48, 2001, 25-54. (Joint with Chunsheng Zhou)
- “Estimating the Price of Default Risk,” *Review of Financial Studies* 12, 1999, 197-226.
- “The Relation Between Treasury Yields and Corporate Bond Yield Spreads,” *Journal of Finance* 53, 1998, 2225-2241.
- “Idiosyncratic Variation of Treasury Bill Yields,” *Journal of Finance* 51, 1996, 527-552. Nominated for the Smith Breeden Prize.
- “On Measuring Credit Risks of Derivative Instruments,” *Journal of Banking and Finance* 20, 1996, 805-833.
- “Stock Returns and Volatility: A Firm-Level Analysis,” *Journal of Financial Economics* 37, 1995, 399-420.
- “A Securities Transaction Tax: Beyond the Rhetoric,” *Research in Financial Services Public and Private Policy* 5, 1993, 55-76. (Joint with Paul Kupiec and A. Patricia White)
- “A Primer on Program Trading and Stock Price Volatility,” *Research in Financial Services Public and Private Policy* 4, 1992, 21-49. (Joint with Paul Kupiec and A. Patricia White)

Other Publications

- “Bond pricing and the macroeconomy,” Ch. 13 in *Handbook of the Economics of Finance*, Vol. 2, Part B, edited by George Constantinides, Milt Harris, and Rene Stulz, 2013, 907-967.
- “Forecasting interest rates,” Ch. 7 in *Handbook of Economic Forecasting*, Vol. 2, Part A, edited by Allan Timmermann and Graham Elliott, 2013, 385-426.
- “Discussion of ‘Moral hazard and adverse selection in the originate-to-distribute model of bank credit’,” *Journal of Monetary Economics* 56, 2009, 744-747.
- “Rethinking Risk Management for Banks: Lessons from Credit Derivatives,” in *Proceedings of the 32nd Annual Conference on Bank Structure and Competition*, Federal Reserve Bank of Chicago, 1996, 381-400.
- “The Variation of Default Risk with Treasury Yields,” in *Proceedings of a Joint Central Bank Research Conference on Risk Measurement and Systemic Risk*, Board of Governors of the Federal Reserve, 1996, 29-58.
- “Discussion of ‘Banks and Derivatives’,” *1995 NBER Macroeconomics Annual*, 343-347.

Unpublished Papers

“Macroeconomic news in asset pricing and reality,” latest version January 2021.

“Debt specialization and diversification: International Evidence,” latest version November 2020. Joint with Peter Hördahl.

“Expected inflation, real rates, and stock-bond comovement,” first and latest version July 2019.

“Forecasting with the term structure: the role of no-arbitrage restrictions,” January 2011.

“Sharpe ratios in term structure models,” April 2010.

“Are variations in term premia related to the macroeconomy?” latest revision June 2007.

“The long-run behavior of firms’ stock returns: Evidence and interpretations,” latest revision August 2002.

“Balance sheet explanations for asymmetric volatility,” latest revision May 2002.

“Can Banks Hedge Their Risks?” April 1997.

“What’s Good for GM ...? Using Auto Industry Stock Returns to Forecast Business Cycles and Test the Q-Theory of Investment,” Federal Reserve Board WP 1996-38, September 1996. (Joint with Stephen D. Prowse)

“Sunspots in Stock Market Volatility,” 1993.

“On the Relation Between the Level and Volatility of Short-term Interest Rates: A Comment on Chan, Karolyi, Longstaff, and Sanders,” 1993.

Courses Taught

Core MBA Finance

Investments (undergraduate). Nominated for the 2000 Cheit Award for Excellence in Teaching.

Fixed Income (undergraduate, MBA)

Financial Institutions and Markets (undergraduate, MBA)

Asset Pricing (PhD). Winner of the 2005 Cheit Award for Excellence in Teaching.

Corporate Finance (undergraduate)

Recent Seminars

2021: (scheduled) TOBB University of Economics and Technology (Ankara)

2019: Bank of Canada, University of New South Wales, Australian National University, American University, University of Guelph

2018: BIS (Hong Kong), FRB-San Francisco, Georgia Tech, Florida State

2017: London Business School, Rice

2016: North Carolina, Oxford, Baruch, UCLA

2015: Bank of England, Bank of Israel, FRB-Atlanta, Duke, Tulane, Boston College, Texas A&M

2014: Norwegian Business School, Stockholm School of Economics, Columbia GSB

2013: Shanghai Advanced Institute of Finance, University of Chicago GSB, Lausanne

Recent Conference Presentations or Other Talks

2019: David Backus Memorial Conference on Macro-Finance

2018: Bank of Korea/BIS (Seoul), Q Group Fall Meeting, ECB Conference on Monetary Policy

2017: BIS–Hong Kong

2016: Bank of Korea

2015: European Summer Symposium in Financial Markets (Gerzensee), WFA Annual Meeting, IDC Herzliya Conference

2014: Inquire Europe Autumn Seminar (Stockholm), ECB Workshop on the yield curve, European FMA Annual Meeting

2013: Bank of Canada Conference on advances in term structure modeling

Recent Discussions

2020: AFA Annual Meeting, David Backus Memorial Conference on Macro-Finance, Virtual Finance Workshop

2019: David Backus Memorial Conference on Macro-Finance, 16th Annual Conference in Financial Economics Research (Best Discussant Award), Chicago Booth Asset Pricing Conference, Advances in Fixed Income Macro-Finance Research

2018: AFA Annual Meeting, NBER AP Summer Institute

2017: Bank of Canada/FRB-SF/Simon Fraser Conference, Young Scholars Finance Consortium Conference

2016: WFA Annual Meeting,

2015: FRB-SF Conference, ASU Sonoran Winter Finance Conference

2014: WFA Annual Meeting, Duke-UNC Asset Pricing Conference, FRB-SF Monetary Policy Conference, AFA Annual Meeting

2013: Tel Aviv Univ Conference, FRB-SF ZLB Conference, WFA Annual Meeting

Other Positions

Member, Federal Reserve System's Model Validation Council, January 2016–December 2018.

Associate Editor, *Journal of Finance*, 2012–present.

Associate Editor, *Review of Financial Studies*, 2007–2010.

Associate Editor, *Review of Derivatives Research*, 2007–2019.

Chaired Dissertations

Yuan Ma, 2002

Gang (George) Li, 2003

Ning Chen, 2005

Lars Lochstoer, 2005

Ryan Stever, 2006

Danny Barth, 2012

Yoichi Goto, 2014

Yunting Liu, 2017