Gideon Saar

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ACADEMIC EMPLOYMENT

Samuel Curtis Johnson Graduate School of Management at Cornell University Professor of Finance, 2014-present
Dr. Philip and Rosalyn Baron Professor of Management, 2011-2014
Associate Professor of Finance, 2008-2014

Clifford H. Whitcomb Faculty Fellow, 2008-2009.

Assistant Professor of Finance, 2005-2008

Stern School of Business, New York University Assistant Professor of Finance, 2000-2005 Instructor of Finance, 1999-2000

ADDITIONAL APPOINTMENTS

Co-Editor, Journal of Financial Markets, 2012-present
Co-Organizer, NBER Market Microstructure Meeting, 2012-present
Economic Advisory Committee Member, FINRA (Financial Industry Regulatory Authority), 2011present
Associate Editor, Management Science, 2013-2015
Associate Editor, Review of Financial Studies, 2008-2011
Visiting Research Economist, New York Stock Exchange, 2001-2002 (while on leave from NYU)

EDUCATION

Cornell University Samuel Curtis Johnson Graduate School of Management, Ph.D. (Finance), 2000 Department of Economics, M.A., 1996

Baruch College, CUNY

B.B.A. *Summa Cum Laude*, (major in Finance), 1994 Class Salutatorian

PUBLICATIONS

- "Hidden Liquidity: Some New Light on Dark Trading" (with Robert Bloomfield and Maureen O'Hara), forthcoming in the *Journal of Finance*.
 - Best Paper Prize at the Conference on Current Topics in Financial Regulations, 2012.

2. "High-Frequency Trading"

(with Tarun Chordia, Amit Goyal, and Bruce Lehmann), *Journal of Financial Markets* 16(4) Special Issue on High-Frequency Trading (2013), 637-645.

- "Low-Latency Trading" (with Joel Hasbrouck), *Journal of Financial Markets* 16(4) Special Issue on High-Frequency Trading (2013), 646-679.
- 4. "Individual Investor Trading and Return Patterns around Earnings Announcements" (with Ron Kaniel, Shuming Liu, and Sheridan Titman) *Journal of Finance* 67(2) (2012), 639-680.
- "Lack on Anonymity and the Inference from Order Flow" (with Juhani Linnainmaa) *Review of Financial Studies* 25(5) (2012), 1414-1456.
- 6. "Specialist Markets" Encyclopedia of Quantitative Finance (2010), Rama Cont ed., John Wiley & Sons.
- "Asset Returns and the Listing Choice of Firms" (with Shmuel Baruch) *Review of Financial Studies* 22(6) (2009), 2239-2274.
- 8. "How Noise Trading Affects Markets: An Experimental Analysis" (with Robert Bloomfield and Maureen O'Hara) *Review of Financial Studies* 22(6) (2009), 2275-2302.
- "Technology and Liquidity Provision: The Blurring of Traditional Definitions" (with Joel Hasbrouck) *Journal of Financial Markets* 12(2) (2009), 143-172 (lead article).
- 10. "Individual Investor Trading and Stock Returns" (with Ron Kaniel and Sheridan Titman) *Journal of Finance* 63 (2008), 273-310.
 - Glucksman Prize Second-Place Award for best research paper in finance, NYU 2004/2005.
 - Finalist, the Smith Breeden Prize of the Journal of Finance, 2008.
- "Lifting the Veil: An Analysis of Pre-Trade Transparency at the NYSE" (with Ekkehart Boehmer and Lei Yu) *Journal of Finance* 60 (2005), 783-815.
- 12. "The 'Make or Take' Decision in an Electronic Market: Evidence on the Evolution of Liquidity" (with Robert Bloomfield and Maureen O'Hara) *Journal of Financial Economics* 75 (2005), 165-199.

- 13. "Dynamic Volume-Return Relation of Individual Stocks" (with Guillermo Llorente, Roni Michaely, and Jiang Wang) *Review of Financial Studies* 15 (2002), 1005-1047.
- 14. "Price Impact Asymmetry of Block Trades: An Institutional Trading Explanation" *Review of Financial Studies* 14 (2001), 1153-1181.
- 15. "How Stock Splits Affect Trading: A Microstructure Approach" (with David Easley and Maureen O'Hara) *Journal of Financial and Quantitative Analysis* 36 (2001), 25-51.

WORKING PAPERS

"Relative Tick Size and the Trading Environment" (with Maureen O'Hara and Zhuo Zhong), July 2014.

"News, Influence, and the Evolution of Prices in Financial Markets" (with Shmuel Baruch and Xiaodi Zhang), June 2014.

Permanent Working Papers:

"Information Asymmetry about the Firm and the Permanent Price Impact of Trades: Is there a Connection?" (with Lei Yu).

"Limit Orders and Volatility in a Hybrid Market: The Island ECN" (with Joel Hasbrouck).

"Systematic Liquidity and Learning about the Risk Premium."

"Prices and Spreads in Sequential Markets with Information Imperfections."

WORK-IN-PROGRESS

"Correlated High-Frequency Trading" (with Ekkehart Boehmer and Dan Li).

"Dark Liquidity and Competition among Exchanges" (with Alyssa Anderson, Robert Bloomfield, and Maureen O'Hara).

"Trading and Momentum" (with Soeren Hvidkjaer, Ron Kaniel, and Sheridan Titman).

TEACHING

Johnson at Cornell University Managerial Finance (2014-present) PhD Seminar in Market Microstructure (2012-presnet) Investment and Portfolio Management (2006-2014) Nominated for the Apple Teaching Award, 2006, 2008, 2009, 2010 Johnson's Teaching Honor Roll, 2006, 2007, 2008, 2010, 2011, 2012, 2013 Stern School of Business, New York University

Foundations of Finance (the core MBA finance course), (2000-2001, 2003-2005)

PROFESSIONAL ACTIVITY

<u>A. Affiliations</u> NBER Market Microstructure Group Program in the Law and Economics of Capital Markets (Columbia University) American Finance Association Society for Financial Studies

B. Conference Presentations

- 8th Annual Central Bank Workshop on the Microstructure of Financial Markets, October 2012 "Hidden Liquidity: Some New Light on Dark Trading"
- Conference on Current Topics in Financial Regulation, June 2012 "Hidden Liquidity: Some New Light on Dark Trading"
- Western Finance Association Meeting, June 2011 "Low-Latency Trading"
- Notre Dame Conference on Current Topics in Financial Regulation, June 2011 "Low-Latency Trading"
- NBER Market Microstructure Group Meeting, December 2010 "Low-Latency Trading"
- 6th Annual Central Bank Workshop on the Microstructure of Financial Markets, October 2010 "Lack on Anonymity and the Inference from Order Flow"
- European Finance Association Meeting, August 2009 "Individual Investor Trading and Return Patterns around Earnings Announcements"
- Wharton School's Rodney L. White Conference on Household Portfolio Choice, March 2009 "Individual Investor Trading and Return Patterns around Earnings Announcements"
- American Finance Association Meeting, January 2006 "The Limits of Noise Trading: An Experimental Analysis"
- NBER Market Microstructure Group Meeting, October 2005 "The Limits of Noise Trading: An Experimental Analysis"
- Salomon Center Research Conference for Corporate Associates, April 2005 "Individual Investor Sentiment and Stock Returns"

American Finance Association Meeting, January 2005

"Individual Investor Sentiment and Stock Returns"

- NBER Market Microstructure Group Meeting, May 2004 "Asset Returns and the Listing Choice of Firms"
- Utah Winter Finance Conference, February 2003 "The Make-or-Take Decision of Traders in an Electronic Market: Evidence on the Evolution of Liquidity"
- American Finance Association Meeting, January 2003 "The Make-or-Take Decision of Traders in an Electronic Market: Evidence on the Evolution of Liquidity"
- Finance-sur-Seine Association seminar on Electronic Order-Driven Trading, March 2002 "Limit Orders and Volatility in a Hybrid Market: The Island ECN"
- NBER Market Microstructure Group Meeting, November 2001 "Limit Orders and Volatility in a Hybrid Market: The Island ECN"
- 2000 Nasdaq Notre Dame Microstructure Conference, September 2000 "Prices and Spreads in Sequential Markets with Information Imperfections"
- Western Finance Association Meeting, June 2000 "How Stock Splits Affect Trading: A Microstructure Approach"
- 5th Annual Accounting and Finance Conference in Tel-Aviv, August 1999 "Demand Uncertainty and the Information Content of the Order Flow"
- American Finance Association Meeting, January 1999 "Price Impact Asymmetry of Block Trades: An Institutional Trading Explanation"
- 3rd New England Doctoral Students Symposium, November 1998 "Information and the Pricing of Assets when Orders Arrive One at a Time"
- Financial Management Association's Doctoral Student Seminar, October 1998 "Information and the Pricing of Assets when Orders Arrive One at a Time"
- 4th Annual Accounting and Finance Conference in Tel-Aviv, August 1998 "Price Impact Asymmetry of Block Trades: An Institutional Trading Explanation"
- Western Finance Association Meeting, June 1998 "Dynamic Volume-Return Relation of Individual Stocks"

<u>C. Conference Discussions / Session Chairperson</u> NBER Market Microstructure Group Meeting, December 2014 Society of Financial Studies Cavalcade, May 2014 American Finance Association Meeting, January 2014 NBER Market Microstructure Group Meeting, December 2013 3rd Annual NYU Stern Microstructure Meeting, May 2013 NBER Market Microstructure Group Meeting, December 2012 American Finance Association Meeting, January 2012 NBER Market Microstructure Group Meeting, December 2011 Western Finance Association Meeting, June 2011 Western Finance Association Meeting, June 2010 Rothschild Caesarea Center 7th Annual Academic Conference, May 2010 Utah Winter Finance Conference, February 2010 European Finance Association Meeting, August 2009 Western Finance Association Meeting, June 2009 NYSE Euronext / TI "Liquidity and Volatility in Today's Market" Conference, May 2009 American Finance Association Meeting, January 2009 American Finance Association Meeting, January 2008 NBER Market Microstructure Group Meeting, October 2007 Western Finance Association Meeting, June 2007 American Economic Association Meeting, January 2007 American Finance Association Meeting, January 2007 NBER Market Microstructure Group Meeting, October 2006 American Finance Association Meeting, January 2006 Atlanta Fed Experimental Finance Conference, September 2005 Western Finance Association Meeting, June 2005 Utah Winter Finance Conference, February 2005 NBER Market Microstructure Group Meeting, December 2004 Notre Dame Behavioral Finance Conference, October 2004 Microstructure Conference in Honor of David K. Whitcomb, October 2002 New York Stock Exchange Conference, December 2001 Western Finance Association Meeting, June 2001 Western Finance Association Meeting, June 2000 Western Finance Association Meeting, June 1999 Western Finance Association Meeting, June 1998 **D.** Invited Presentations

Baruch College, CUNY (May, 2014) University of Texas at Austin (November, 2013) Vanderbilt University (November, 2013) Cox School of Business, SMU (October, 2013) FINRA (June, 2013) University at Buffalo (April, 2013) Warwick Business School (December, 2012) Imperial College (December, 2012) FINRA-Market Regulation Division (November, 2012) Duisenberg School of Finance-Tinbergen Institute (November, 2012) Erasmus University (November, 2012) Tilburg University (November, 2012) FINRA (May, 2012) Johnson at Cornell University (March, 2012) Rotman School of Management, University of Toronto (November 2011) SAC Capital (May, 2011) INSEAD (March, 2011) Johnson at Cornell University (March, 2011) Rutgers Business School (December 2010) Cornell Financial Engineering Manhattan (November 2010) Katz Graduate School of Business, University of Pittsburgh (November 2010) ESSEC Business School (October 2010) Johnson at Cornell University (April, 2010) Tel Aviv University, Recanati Graduate School of Business Administration (November, 2009) Copenhagen Business School (October, 2009) BI Norwegian School of Management (October, 2009) Columbia Business School, Columbia University (February, 2009) Darden School of Business, University of Virginia (October, 2008) Johnson at Cornell University (April, 2008) Rutgers Business School, Rutgers University (November, 2007) Fisher College of Business, Ohio State University (December, 2006) Lehman Brothers (July, 2006) Toulouse Business School (December, 2005) Mays Business School, Texas A&M University (November, 2005) Jones Graduate School of Management, Rice University (November, 2005) School of Management, Yale University (October, 2005) Mendoza School of Business, University of Notre Dame (October, 2005) Stern School of Business, New York University (April, 2005) Johnson at Cornell University (February, 2005) Johnson at Cornell University (November, 2004) Graduate Center, City University of New York (November, 2004) Fugua School of Business, Duke University (May, 2004) Stern School of Business, New York University (April, 2004) London Business School (April, 2004) INSEAD (April, 2004) School of Management, Binghamton University (March, 2003) Office of Economic Analysis, Securities and Exchange Commission (March, 2003) Stern School of Business, New York University (November, 2002) Federal Reserve Bank of New York (April, 2002) Eccles School of Business, University of Utah (January, 2002) Columbia Business School, Columbia University (November, 2001) Babson College (October, 2001) Morgan Stanley Dean Witter (November, 2000) Terry College of Business, University of Georgia (October, 2000) Stern School of Business, New York University (September, 2000) School of Business, University of Wisconsin at Madison (February, 1999) Haas School of Business, University of California at Berkeley (January, 1999) Stern School of Business, New York University (January, 1999)

McCombs School of Business, University of Texas at Austin (January, 1999) Tuck School of Business, Dartmouth College (December, 1998) Johnson at Cornell University (1997; 1998)

E. Referee

American Economic Review Econometrica European Financial Management **Financial Management** International Finance Journal of Banking and Finance Journal of Business Journal of Business and Economic Statistics Journal of Corporate Finance Journal of Economic Dynamics and Control Journal of Finance Journal of Financial and Quantitative Analysis Journal of Financial Economics Journal of Financial Intermediation Journal of Financial Markets Journal of Political Economy **Management Science** Pacific-Basin Journal of Finance Quarterly Journal of Business and Economics **Quarterly Review of Economics and Finance Review of Derivatives Research Review of Finance Review of Asset Pricing Studies Review of Financial Studies** The Accounting Review The Financial Review

F. Other External Service

Western Finance Association Meeting Program Committee, 2006-present SFS Finance Cavalcade Program Committee, 2011-present Tel Aviv Finance Conference Program Committee, 2010-present NYU Stern Microstructure Meeting Program Committee, 2013-present European Finance Association Meeting Program Committee, 2006-2009, 2012-present Committee for the Shmuel Kandel Award for Best Student Paper, UWFC 2014 Reviewer for the UK Government Office of Science, 2011, 2012 NYSE Euronext / TI "Liquidity and Volatility in Today's Market" Program Committee, 2009 Reviewer for Social Sciences and Humanities Research Council of Canada, 2007 Reviewer for European Research Council, 2007 Regulation NMS (National Market System) Working Group, May 2004, January 2005 Reviewer for the National Science Foundation, 2004, 2005 Financial Management Association Annual Meeting Program Committee, 2002, 2003 Roundtable on SEC Rule 11Ac1-5 Market Quality Statistics, December 2002

G. Grants

Salomon Center, Stern School of Business, New York University, 2000, 2003 (grants received for projects "The 'Make or Take' Decision in an Electronic Market: Evidence on the Evolution of Liquidity" and "How Noise Trading Affects Markets: An Experimental Analysis").

H. University Service

Faculty Advisory Committee on Tenure Appointments, 2014 Ad-hoc Committee for tenure case, 2013-2014 Institute for the Advancement of Economics at Cornell, Advisory Committee 2011-2012 Ad-hoc Outside Member of Tenure Committee, 2011 Johnson at Cornell University Faculty Policy Committee, 2008-2009, 2012-2013, 2014-2015 Finance Recruiting Committee, 2005-2006, 2007-2008, 2010-2012, 2014-2015 Faculty Search Committee (MFI and CMAM), 2014-2015 Academic Partner co-leading the CMAM immersion, 2005-2014 Clinical Professor Appointment Committee, 2014 Data Committee, 2014 Non-Tenure Track Faculty Reappointment Committee, 2013-2014 NYCTech Johnson Curriculum and Faculty Planning Committee, 2012-2013 Research Committee, 2012-2013 China Implementation Committee, 2012-2013 Business Minor Committee, 2012-2013 Concentrations Committee, 2012-present Ph.D. Committee, 2008-2009, 2010-2012 Reappointment Committee, 2009-2010 Finance Curriculum Task Force, 2006-2008 Admissions and Career Management Committee, 2007-2008 Asset Management Chair Search Committee, 2006-2007 Organizer of Finance Workshop, 2006-2007

Stern School of Business, New York University Co-Organizer of Finance Workshop, 2003-2004

Master Thesis Committee

Fengping Zheng (Committee Member, Cornell University) Yadav Gopalan (Chair, Cornell University) Jonathan Park (Chair, Cornell University)

Ph.D. Thesis Committees

Edward Mehrez (Committee Member, Cornell University) Alan Kwan (Committee Member, Cornell University) Jared Ye (Committee Member, Cornell University) Ayan Bhattacharya (Committee Member, Cornell University) Eddie Zhang (Committee Member, University of Utah) Liheng Xu (Committee Member, Cornell University) Zhuo Zhong (Committee Member, Cornell University) Mao Ye (Committee Member, Cornell University) Prasun Agarwal (Committee Member, Cornell University) Tian Liang (Committee Member, Cornell University) Lei Yu (Committee Member, New York University)

(Updated: December 2014)