March 2024

CURRICULUM VITAE

Eric Ghysels

PRESENT POSITION:

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EDUCATION

1979	B.A. Economics, Supra Cum Laude, University of Brussels
1982	M.A. Economics, Northwestern University
1984	Ph.D. Managerial Economics and Decision Science, Kellogg Graduate School of Management, Northwestern University Thesis Committee: V.V. Chari, T. Doan, R. Hodrick, P.E. Rossi
2019	Doctorate in Business Administration (Doctor Honoris Causa), HEC Liège

PUBLICATIONS

168. "Spanning latent and observable factors" (with E. Andreou, P. Gagliardini and M. Rubin), Journal of Econometrics (forthcoming).
167. "Econometrics of Machine Learning Methods in Economic Forecasting" (with Andrii Babii and Jonas Striaukas), in Research Methods and Applications on Macroeconomic Forecasting, edited by M. Clements and A.Galvao, Edward Elgar Publishing Ltd
166. "Panel Data Nowcasting: The Case of Price-Earnings Ratios" (with Andrii Babii, Ryan Ball and Jonas Striaukas), Journal of Applied Econometrics, 39, 292-307 (2024) https://doi.org/10.1002/jae.3028
165. "Machine Learning Panel Data Regressions with Heavy-tailed Dependent Data: Theory and Application" (with Andrii Babii, Ryan Ball and Jonas Striaukas), Journal of Econometrics (forthcoming)
164. "High-Dimensional Granger Causality Tests with an Application to VIX and News" (with Andrii Babii and Jonas Striaukas), Journal of Financial Econometrics (forthcoming)
163. "Nowcasting Net Asset Values: The Case of Private Equity" (with Gregory W. Brown and Oleg Gredil), Review of Financial Studies 36, 904 – 944 (2023) https://doi.org/10.1093/rfs/hhac046
162. "In-sample Asymptotics and Across-sample Efficiency Gains for High Frequency Data Statistics" (with Per Mykland and Eric Renault), Econometric Theory 39, 70 – 106 (2023) https://doi.org/10.1017/S0266466621000359
161. "Real-time Forecasts of State and Local Government Budgets with an Application to the COVID-19 Pandemic" (with Foti Grigoris and Nazire Özkan), National Tax Journal 75, 731 – 763 (2022).
160. "Machine learning time series regressions with an application to nowcasting", (with A. Babii and J. Striaukas), Journal of Business and Economic Statistics, 40, 1094-1106 (2022) https://doi.org/10.1080/07350015.2021.1899933
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158. "Price Discovery in High Resolution and the Analysis of Mixed Frequency Data - Comment on Price Discovery in High Resolution by Joel Hasbrouck", Journal of Financial Econometrics, 19, 459-464 (2021) https://doi.org/10.1093/jjfinec/nbz007
157. "Artificial Intelligence Alter Egos: Who Might Benefit from Robo-investing?" (with Catherine D'Hondt, Rudy De Winne and Steve Raymond), Journal of Empirical Finance, 59, 278-299 (2020) https://doi.org/10.1016/j.jempfin.2020.10.002
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155. "ET Interview – Jean-Pierre Florens" (with A. Babii), Econometric Theory, 36, 369-385 (2020) https://doi.org/10.1017/S0266466619000100
154. "Testing a Large Set of Zero Restrictions in Regression Models with an Application to Mixed Frequency Granger Causality"(with J. Hill and K. Motegi), Journal of Econometrics, 218, 633-654 (2020) https://doi.org/10.1016/j.jeconom.2020.04.032
153. "Monthly Art Market Returns" (with F. Bocart and C. Hafner), Journal of Risk and Financial Management, 13, 100 (2020) https://doi.org/10.3390/jrfm13050100

152. "Liquidity and Volatility in the U.S. Treasury Market" (with G. Nguyen, R. Engle and M. Fleming), Journal of Econometrics, 217, 207-229 (2020) https://doi.org/10.1016/j.jeconom.2019.12.002
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48. “An Introduction to Econometric Theory” by R. Gallant, Princeton University Press, 1997, Journal of the American Statistical Association 94, 1522-1523. (1997)
47. “Market Time and Asset Price Movements: Theory and Estimation” (with C. Gouriéroux and J. Jasiak), in Statistics in Finance, D. Hand and S. Jacka (eds.), Edward Arnold, London, Chapter 15, 307-332. (1997)
46. “Nonparametric Methods and Option Pricing” (with V. Patilea, E. Renault and O. Torrès), in Statistics in Finance, D. Hand and S. Jacka (eds.), Edward Arnold, London, Chapter 13, 261-282. (1997)

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2. “The Use of DULBEA GNP Figures in Business Cycle Analysis” (with J. Vuchelen), Cahiers Économiques de Bruxelles 89, 53-73 (in Dutch). (1981)
1. “The Information Content of Preliminary and Final Belgian GNP Data” (with J. Vuchelen), Cahiers Économiques de Bruxelles 87, 407-432 (in Dutch). (1980)

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2. “Essays in Econometrics: Collected Papers of Clive W.J. Granger: Volumes I and II” (with N. Swanson and M. Watson), Cambridge University Press (2001).

3. “Applied Economic Forecasting using Time Series Methods” (with M. Marcellino) Oxford University Press (2018). Chinese translation – with Zhixin Kang and Shi Zhan, Tsinghua University Press – forthcoming.

4. “The Econometric Analysis of Mixed Frequency Data” (with M. Marcellino and R. Valkanov), In preparation.

EDITORIAL SERVICES

Associate Editor, *Journal of Business and Economic Statistics*, January 1990-2000.
Associate Editor, *Econometric Theory*, 1991-1992.
Associate Editor, *Review of Economics and Statistics*, 1996-2002.
Editor, Annals Issue of the *Journal of Econometrics* on “Seasonality and Econometric Models”, 1993, Vol. 55, 1-2.
Member of the Editorial Board, *Canadian Journal of Economics/Revue Canadienne d’Économique*, 1989-1993.
Editor, Annals Issue of the *Journal of Econometrics*, “Recent Developments in the Econometrics of Structural Change” (with J.-M. Dufour), 1996, Vol. 70, 1.
Editor, Annals Issue of the *Journal of Econometrics* on “Econometric Methods for Derivative Securities and Risk Management” (with R. Garcia and E. Renault), 2000, Vol. 94, 1-2.
Associate Editor, *Journal of the American Statistical Association*, 1997-2000.
Associate Editor, *Journal of Empirical Finance*, 1999-2006.
Editor, Annals Issue of the *Journal of Econometrics* on “Frontiers of Financial Econometrics and Financial Engineering” (with G. Tauchen), 2003, Vol. 116.
Editor, *Journal of Business and Economic Statistics* (with Alastair Hall), 2001-2004.
Associate Editor, *Journal of Financial Econometrics*, 2001-2006.
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Co-Editor, *Journal of Financial Econometrics*, 2006-2012.
Editor-in-Chief, *Journal of Financial Econometrics*, 2012-2015.
Editor, Annals Issue of the *Journal of Econometrics*, “The Econometric Analysis of Mixed Frequency Data", (with M. Marcellino), 2016, Volume 193.
Co-Editor, *Journal of Applied Econometrics,* 2017-present.
Member Advisory Board, *Journal of Financial Econometrics*, 2017-present.
Co-Editor, Annals Issue of the *Journal of Econometrics*, “Big Data in Predictive Dynamic Econometric Modeling ", (with F. Diebold, P. Mykland and L. Zhang), 2019, Volume 212.

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Kaiji Motegi	2014	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Waseda University, Tokyo
Huan Zhou	2014	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Analysis Group, Washington DC
Nazire Ozkan	2014	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: UNC Greensboro
Giang Nguyen	2015	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Smeal College of Business, Penn State University.
Wasin Sirawasit	2015	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Thammasat University
Mehrdad Samadi	2016	Ph.D., University of North Carolina at Chapel Hill, Kenan-Flagler Business School, Department of Finance. Initial employment: Cox School of Business, SMU
Hanwei Liu	2017	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Ernst & Young
Xi Chen	2017	Ph.D., University of North Carolina at Chapel Hill, Department of Statistics. Initial employment: Freddie Mac
Anessa Custovic	2020	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Cardinal Asset Management
Foti Grigoris	2020	Ph.D., University of North Carolina at Chapel Hill,

		Kenan-Flagler Business School, Department of Finance. Initial employment: Kelley School of Business, Indiana University
Steve Raymond	2020	Ph.D., University of North Carolina at Chapel Hill, Cofounder and CFO Split Technologies
Jonas Striaukas	2022	Ph.D., Université Catholique de Louvain, CORE, Initial employment: Copenhagen Business School
Yan Qian	2023	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Central University of Finance and Economics, China
Junsu Pan	2024	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: American Express
Tian Zhao	2024	Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: SAS Institute

AWARDS, FELLOWSHIPS AND HONORS

1980-81	Fulbright Fellow, Hoover Foundation, Belgian American Educational Foundation
1981-1984	Research Fellow, National Science Foundation of Belgium
1985	ASA/NSF/Census Fellow, American Statistical Association, Washington, D.C.
1990	Keynote Speaker, World Congress of the Econometric Society, Barcelona
1991-1992	Research Fellow, Cowles Foundation, Yale University
1992	Research Fellow, Institute of Empirical Macroeconomics
1995	Invited Speaker, Brazilian Econometric Society, Salvador, Bahia
1995	Keynote Speaker, American Statistical Association, Orlando
1997	Nomination for Harry Johnson Best Paper Award, Canadian Journal of Economics
1998	Chair-Elect, Business and Economic Statistics Section, American Statistical Association
1998	Speaker, Invited Econometrics Session, Econometric Society European Meetings, Berlin
1998	Nomination for the Smith Breeden Prize, Journal of Finance
1999	Chair, Business and Economic Statistics Section, American Statistical Association
1999	WFA Award, NYSE Best Paper Award in Equity Trading
1999	Keynote Speaker, EC^2 Conference on Financial Econometrics, Madrid, Spain
2000	Invited Speaker, International Conference on Seasonality in Economic and Financial Variables, Algarve, Portugal
2001	Nomination for the Smith Breeden Prize, Journal of Finance

2001	Fellow, Journal of Econometrics
2001	Fellow, American Statistical Association
2001-2002	Honorary Simon Visiting Professor, University of Manchester
2002	Listed in Who's Who in Economics. Fourth Edition.
2003	Invited Speaker, International Statistical Institute Meetings, Berlin.
2003	Keynote Speaker, Portuguese Statistical Association, Faro.
2003	Best Paper in Investments Award, Southern Finance Association.
2003	Invited Speaker, Conference on Analysis of High-Frequency Financial Data and Market Microstructure, Academia Sinica, Taiwan.
2004	Invited Speaker, Time Series Modeling in Marketing, Tuck School of Business at Dartmouth.
2005	Keynote Speaker, EC^2 Conference on Financial Econometrics, Istanbul, Turkey.
2005	Keynote Speaker, Society for Computational Economics Annual International Conference, Washington DC.
2005	Honorary Fellow, European Society for Computational Methods in Sciences and Engineering.
2005	Keynote Speaker, International Symposium on Advances in Financial Forecasting, Greece.
2005	Keynote Speaker, Symposium for *Deutsche Bank* Prize in Financial Economics in honor of Eugene F. Fama, Frankfurt, Germany.
2006	Keynote Speaker, 2006 International Symposium on Financial Engineering and Risk Management, Xiamen University, China.
2006	Keynote Speaker, Canadian Econometrics Study Group, Niagara Falls, Canada.
2007	Invited Speaker, Far Eastern Meetings of the Econometric Society, Taipei.
2007	All-Star JFE paper Chernov-Ghysels (2000)
2007	Keynote Speaker, Singapore Econometric Study Group
2008	Keynote Speaker, 2008 International Symposium on Nonlinear Time Series Econometrics with Applications (NTSEA2008), Wang Yanan Institute for Studies in Economics (WISE), Xiamen University, China.
2008	Keynote Speaker, International Forecasting Conference, Rio de Janeiro, Brazil.
2008	Founding Co-President, Society for Financial Econometrics (SoFiE) – with Robert Engle (NYU).
2008-2009	Resident Scholar, Research Department, Federal Research Bank of New York.
2009	Keynote Speaker, International Symposium on Financial Engineering and Risk Management, Xiamen University, China.
2009	Best Paper Award, Chinese International Conference of Finance - Guangzhou.
2009	Visiting Scholar, Federal Reserve Bank of New York.
2010	Elected as Voting Member of the Belgian American Educational Foundation.
2010	Invited Speaker, Financial Engineering and Risk Management Conference, Taipei.
2010	Keynote speaker, 6th Eurostat Colloquium on "Modern Tools for Business Cycle Analysis: The Lessons from Global Economic Crisis", Luxemburg.

2010	Keynote Speaker, International Conference on High-Dimensional Econometric Modeling, Cass Business School, London.
2010	Visiting Scholar, Federal Reserve Bank of New York.
2011	Fernand Braudel Senior Fellow, European University Institute, Florence, Italy.
2011	ET Conversation with Eric Ghysels, by Peter C.B. Phillips and Jun Yu.
2011	Presidential Address - Fourth SoFiE Annual Meeting, University of Chicago.
2011	Wim Duisenberg Fellow, European Central Bank.
2011	Western Finance Association Best Paper Award.
2012	Keynote speaker, Singapore Management University-ESSEC Business School Symposium on Empirical Finance and Financial Econometrics, Singapore.
2012	Marie Curie Fellow, University of Cyprus
2012	Fellow, Society for Financial Econometrics (SoFiE Fellow).
2012	Visiting Scholar, Federal Reserve Bank of New York.
2012	Visiting Researcher, National Bank of Belgium.
2013	Marie Curie Fellow, University of Cyprus
2013	Keynote Speaker, Inquire Europe, Edinburgh.
2013	Visiting Scholar, Federal Reserve Bank of New York.
2013	Invited Speaker, Central Bank of Cyprus
2013	Visiting Researcher, National Bank of Belgium.
2013	Visiting Researcher, Federal Reserve Bank of Chicago
2014	Keynote speaker Bank of Portugal conference on Econometric Methods for Banking - Lisbon.
2014	Visiting Scholar Federal Reserve Bank of New York.
2014	Visiting Scholar National Bank of Belgium.
2014	Invited Professor, INET Cambridge University, UK.
2014	Invited speaker Eighth International Conference on Computational and Financial Econometrics, University of Pisa.
2015	Keynote speaker International Symposium in Statistics on Advances in Parametric and Semiparametric Analysis of Multivariate, Time Series, Spatial-temporal, and Familial-longitudinal Data, St. John's Canada.
2015	Keynote Speaker, Second Workshop on High Dimensional Time Series in Macroeconomics and Finance, Institute for Advanced Studies, Vienna.
2015	Visiting Professor, Stevanovich Center, University of Chicago.
2015	Visiting Scholar, National Bank of Belgium.
2015	Keynote Speaker, Ninth Annual Risk Management Conference, RMI, Singapore.
2016	Keynote Speaker, French Finance Association, Belgium.
2017	Keynote Speaker, Belgian Finance Club
2017	Visiting Professor, Università della Svizzera Italiana, Lugano
2017	Invited Speaker, Derivatives Conference: State of the Art, NYU
2017	Keynote Speaker - Centre Interfacultaire Bernoulli, Closing Conference - Stochastic Dynamical Models in Mathematical Finance, Econometrics, and Actuarial Sciences, Lausanne, Switzerland.
2017	Invited Speaker, 10th Annual Meetings SoFiE, New York
2017	Tommaso Padoa-Schioppa Visiting Professorship Bocconi University, Milan
2017	Inaugural Emil Gumbel Lecture, Heidelberg University

2018	Tommaso Padoa-Schioppa Visiting Professorship Bocconi University, Milan
2018	Invited Speaker, CARE conference, Leesburg, VA
2018	Visiting Professor, Kobe University, Japan
2018	Keynote Speaker, Fourth Annual Conference VINS, Shanghai, China
2019	Invited Speaker, Centennial Alumni Weekend Meeting, Kenan-Flagler Business School
2019	Invited Speaker, Joint Research Centre (JRC) European Commission conference on Big Data and Macroeconomic Forecasting, Italy
2019	Invited Speaker, AI in Finance, SoFiE conference Shanghai, China
2019	Doctor Honoris Causa, HEC Liège, Belgium
2019	Keynote Speaker, Chinese Economists Society, Dailan, China
2019	CORE Lecture Series, UC Louvain, Belgium
2019	Best Paper Award, *Journal of Risk and Financial Management*
2020	SoFiE Summer School Lectures, University of Chicago
2020	SoFiE Summer School Lectures, NYU/Shanghai
2020	Keynote Speaker Second Crypto Asset Lab Conference (virtual)
2020	Fellow of the International Association of Applied Econometrics (IAAE)
2021	Weatherspoon Distinguished Research Award, Kenan-Flagler Business School
2021	Elected board member Center for Banking and Finance, UNC
2021	IBM Global University Program Academic Award
2022	Keynote Speaker *Advances in Alternative Data and Machine Learning for Macroeconomics and Finance* conference, Paris
2022	Visiting Scholar, Norges Bank, Oslo, Norway
2022	Lecturer Euro Area Business Cycle Network
2023	Invited Speaker, Janeway Institute Conference Neuro Tensors in Finance, Cambridge University, UK
2023	Weatherspoon PhD Teaching Award, Kenan-Flagler Business School
2023	Keynote speaker at Annual Conference of Financial Street Forum 2023, School of Finance at the Central University of Finance and Economics, Beijing, China
2023	Financial Econometrics Lecture Series, Norges Bank
2023	Invited speaker, EcoSta2023, Tokyo, Japan
2023	Visiting scholar, Becker-Friedman Institute, University of Chicago
2024	Keynote speaker, Nordic Econometric Meeting, Bergen, Norway