**July 2022**

# CURRICULUM VITAE

## Eric Ghysels


**PRESENT POSITION:**

Edward M. Bernstein Distinguished Professor
Department of Economics
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(joint appointment)

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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<br>Thesis Committee: V.V. Chari, T. Doan, R. Hodrick, P.E. Rossi |
| 2019 | Doctorate in Business Administration (Doctor Honoris Causa), HEC Liège |

**PUBLICATIONS**

165. "Real-time Forecasts of State and Local Government Budgets with an Application to the COVID-19 Pandemic" with Foti Grigoris and Nazire Ozkan, National Tax Journal (forthcoming)
164. "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)
163. "High-Dimensional Granger Causality Tests with an Application to VIX and News" with Andrii Babii and Jonas Striaukas, Journal of Financial Econometrics (forthcoming)
162. "Nowcasting Net Asset Values: The Case of Private Equity" with Gregory W. Brown and Oleg Gredil, Review of Financial Studies (forthcoming)
161. "In-sample Asymptotics and Across-sample Efficiency Gains for High Frequency Data Statistics" with Per Mykland and Eric Renault, Econometric Theory (forthcoming)
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
159. "Predicting the VIX and the Volatility Risk Premium: The Role of Credit Risk", (with E. Andreou), Journal of Econometrics, 220, 366-398 (2021) https://doi.org/10.1016/j.jeconom.2020.04.006
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
156. "Mixed Frequency Macro-Finance Factor Models: Theory and Applications" (with E. Andreou, P. Gagliardini and M. Rubin), Journal of Financial Econometrics, 18, 585–628 (2020) https://doi.org/10.1093/jjfinec/nbaa015
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
151. "Direct versus Iterated Multi-Period Volatility Forecasts," (with A. Plazzi, R. Valkanov, A. Rubia, and A. Dossani), Annual Review of Financial Economics, 11, 173–195 (2019) https://doi.org/10.1146/annurev-financial-110217-022808
150. "Long- and Short-term Cryptocurrency Volatility Components: A GARCH-MIDAS Analysis" (with C. Conrad and A. Custovic), Reprinted in Christian Haffner (ed) Alternative assets and cryptocurrencies, MDPI Books (2020) https://doi.org/10.3390/jrfm13010007

149. “MIDAS regression models” in Financial, Macro and Micro Econometrics Using R, Handbook of Statistics Volume 42, Hrishikesh Vinod and C.R. Rao (ed) (with V. Kvedaras and V. Zemlys), Chapter 4 (2020) https://doi.org/10.1016/bs.host.2019.01.005
148. “Tilting the Evidence: The Role of Firm-level Earnings Attributes in the Relation Between Aggregated Earnings and Gross Domestic Product” (with R. Ball and L. Gallo), Review of Accounting Studies 24, 570-592 (2019) https://doi.org/10.1007/s11142-019-09493-0
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146. “Price Discovery of a Speculative Asset: Evidence from a Bitcoin Exchange” (with G. Nguyen), Journal of Risk and Financial Management, 12, 164 (2019) https://doi.org/10.3390/jrfm12040164
145. “Inference in Group Factor Models with an Application to Mixed Frequency Data”, (with E. Andreou, P. Gagliardini and M. Rubin), Econometrica, 87, 1267–1305 (2019) https://doi.org/10.3982/ECTA14690
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143. “Long- and Short-term Cryptocurrency Volatility Components: A GARCH-MIDAS Analysis” (with C. Conrad and A. Custovic), Journal of Risk and Financial Management, 11, 23-34 (2018) https://doi.org/10.3390/jrfm11020023
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140. “Forecasting through the Rear-View Mirror: Data Revisions and Bond Return Predictability”, (with C. Horan and E. Moench), Review of Financial Studies, 31, 678–714 (2018) https://doi.org/10.1093/rfs/hhx098
139. "Indirect Inference Estimation of Mixed Frequency Stochastic Volatility State Space Models using MIDAS Regressions and ARCH Models", (with P. Gagliardini and M. Rubin), Journal of Financial Econometrics, 15, 509-560 (2017) https://doi.org/10.1093/jjfinec/nbw013
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50. "Structural Change and Asset Pricing in Emerging Markets" (with R. Garcia), Journal of International Money and Finance 17, 455-473. (1998) https://doi.org/10.1016/S0261-5606(98)00010-2
49. "On Stable Factor Structures in the Pricing of Risk: Do Time-Varying Betas Help or Hurt?" Journal of Finance 53, 549-573. (Nominated for the Smith Breeden Prize). (1998) https://doi.org/10.1111/0022-1082.224803
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)
45. "High Frequency Financial Time Series Data: Some Stylized Facts and Models of Stochastic Volatility" (with C. Gouriéroux and J. Jasiak), in Nonlinear Modelling of

High Frequency Financial Time Series C. Dunis and B. Zhou (eds.), John Wiley, New York, 127-159. (1997)

44. "Predictive Tests for Structural Change with Unknown Breakpoint" (with A. Guay and A. Hall), Journal of Econometrics 82, 209-233. [Corrigendum, Journal of Econometrics 30, 337-343.]. (1997) https://doi.org/10.1016/S0304-4076(97)00057-2
43. "L'Intégration des Marchés Emergents et la modélisation d'Actifs Risqués: Une Etude Appliquée à la Bourse des Valeurs de Casablanca" (with M. Boyer and M. Cherkaoui), L'actualité économique, 73, 311-330. (1997) https://doi.org/10.7202/602230aradresse copiéeune erreur s'est produ
42. "An Empirical Analysis of the Canadian Budget Process" (with B. Campbell), Canadian Journal of Economics 30, 553-576. (Nominated for the Harry Johnson Best Paper Award – five papers nominated.) (1997) https://doi.org/10.2307/136233
41. "Seasonal Adjustment and Other Data Transformations", Journal of Business and Economic Statistics 15, 410-418. (1997) https://doi.org/10.2307/136233
40. "On Seasonality and Business Cycle Durations: A Nonparametric Investigation", Journal of Econometrics 79, 269-290. (1997) https://doi.org/10.1016/S0304-4076(97)00023-7
39. "Comments on 'New Capabilities and Methods of X-12-ARIMA Seasonal Adjustment Program'" by David F. Findley, Brian Monsell, William R. Bell, Mark Otto and Bor-Chung Chen" Journal of Business and Economic Statistics 16, 165-167. (1996) https://doi.org/10.1080/07350015.1998.10524743
38. "Comments and Reply to W.R. Bell, D. Findley, S. Hylleberg and M. Watson" (Journal of Business and Economic Statistics 1995 Invited Paper) 14, 387-397. (1995)
37. "On the Periodic Structures and Testing for Seasonal Unit Roots" (with A. Hall and H.S. Lee), Journal of the American Statistical Association 91, 1551-1559. (1995) https://doi.org/10.1080/01621459.1996.10476722
36. "Stochastic Volatility" (with A. Harvey and E. Renault), in Handbook of Statistics 14, Statistical Methods in Finance, G.S. Maddala and C.R. Rao (eds.), North Holland, Amsterdam, Ch. 5, 119-191. (1995) https://doi.org/10.1016/S0169-7161(96)14007-4
35. Dynamic Regression of Filtered Data Series: A Laplace Approximation of the Effects of Filtering in Small Samples" (with O. Lieberman), Econometric Theory 12, 432-457. (1995) https://doi.org/10.1017/S0266466600006800
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32. "Is the Federal Budget Process Outcome Unbiased and Efficient: A Nonparametric Assessment" (with B. Campbell), Review of Economics and Statistics 77, 17-31 (1995) https://doi.org/10.2307/2109989
31. "Comments on 'Bayesian Analysis of Stochastic Volatility Models' by E. Jacquier, N. Polson and P. Rossi" (with J. Jasiak), Journal of Business and Economic Statistics 12, October 1994, 399-402. (1994) https://doi.org/10.2307/1392203
30. "Changes in Seasonal Patterns: Are They Cyclical?" (with F. Canova), Journal of Economic Dynamics and Control 18, 1143-1171. (1994) https://doi.org/10.1016/0165-1889(94)90051-5

29. “On the Periodic Structure of the Business Cycle”, Journal of Business and Economic Statistics 12, 289-298. (1994) https://doi.org/10.1080/07350015.1994.10524544
28. “L’analyse économétrique et la saisonnalité”, L’actualité économique 20, 43-62 (1994)
27. “Testing for Unit Roots in Seasonal Time-Series – Some Theoretical Extensions and a Monte-Carlo Investigation” (with H.S. Lee and J. Noh), Journal of Econometrics 62, 415-442. (1994) https://doi.org/10.1016/0304-4076(94)90030-2
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25. “On Seasonal (Mis)Specification: An Empirical Investigation with U.S. Data” (with H.S. Lee and P. Siklos), in New Developments in Time Series Econometrics, J.-M. Dufour and B. Raj (eds.), Springer-Verlag, Berlin, 191-204. (1994) https://doi.org/10.1007/BF01205419
24. “On the Economics and Econometrics of Seasonality.” Invited paper, 1990 World Congress of the Econometric Society, August 1990, in Advances in Econometrics I, C.A. Sims (ed.), Cambridge University Press, 257-316. (1994)
23. “On Seasonality and Regime-Switching Models”, 1993 Proceedings of the American Statistical Association, Business and Economic Statistics Section, 308-312. (1994)
22. “On Seasonal (Mis)Specification: An Empirical Investigation with U.S. Data” (with H.S. Lee and P. Siklos), Empirical Economics 18, 747-760. (1993) https://doi.org/10.1007/BF01205419
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20. “On Scoring Asymmetric Periodic Probability Models of Turning-Point Forecasts”, Journal of Forecasting 12, 227-238. (1993) https://doi.org/10.1002/for.3980120305
19. “The Effect of Seasonal Adjustment Filters on Tests for a Unit Root” (with P. Perron), Journal of Econometrics 55, 57-98. (1993) https://doi.org/10.1016/0304-4076(93)90004-O
18. “An Extension of Quadrature-Based Methods for Solving Euler Conditions” (with A. Hall), in New Direction in Time Series Analysis, D. Brillinger et al. (eds.), Springer-Verlag, New York, 147-153. (1993) https://doi.org/10.1007/978-1-4613-9296-5_8
17. “A Study Towards a Dynamic Theory of Seasonality for Economic Time Series”, Journal of the American Statistical Association. Reprinted in Modelling Seasonality, S. Hylleberg (ed.), Oxford University Press, 181-192. (1992) https://doi.org/10.1080/01621459.1988.10478583
16. “On Estimating Dynamic Models with Seasonality”, in Telecommunications Demand Modeling, A. de Fontenay et al. (eds.) Contributions to Economic Analysis-North Holland, Amsterdam. (1990)
15. “A Test for Structural Stability of Euler Conditions Parameters Estimated Via the Generalized Method of Moments Estimator” (with A. Hall), International Economic Review 31, 355-364 (1990) https://doi.org/10.2307/2526844
14. “Unit Root Tests and Statistical Pitfalls of Seasonal Adjustment: The Case of U.S. Post-War Real GNP”, Journal of Business and Economic Statistics 8, 145-152. (1990) https://doi.org/10.1080/07350015.1990.10509785
13. “Are Consumption-Based Intertemporal Capital Asset Pricing Models Structural?” (with A. Hall), Journal of Econometrics 45, 121-139. (1990) https://doi.org/10.1016/0304-4076(90)90096-C

12. “Testing Non-Nested Euler Conditions with Quadrature-Based Methods of Approximation” (with A. Hall), Journal of Econometrics 46, 273-308. (1990) https://doi.org/10.1016/0304-4076(90)90011-H
11. “Y a-t-il des biais systématiques dans les annonces budgétaires et pourquoi?” (with J.F. David), Canadian Public Policy/Analyse de Politique, XV(3), 313-321 (1989) https://doi.org/10.2307/3550827
10. “A Study Towards a Dynamic Theory of Seasonality for Economic Time Series”, Journal of the American Statistical Association, 168-172. (1988)https://doi.org/10.1080/01621459.1988.10478583
9. “Evidence from the Belgian Business Tests on Seasonal Instability of Relationships among Responses” (with M. Nerlove), in Contributions of Business Cycle Surveys to Empirical Economics, Karl-Heinrich Oppenendel and Günter Poser (eds.), Aubury Gower Publ. Co., England, 379-399. (1988)
8. “Seasonality in Surveys: A Comparison of Belgian, French and German Business Tests” (with M. Nerlove), European Economic Review 32, 81-99. (1988) https://doi.org/10.1016/0014-2921(88)90036-0
7. “On Non-Stationarity and Induced Seasonality in Inventories”, 1987 Proceedings of the American Statistical Association, Business and Economic Statistics Section, 477-481. (1987)
6. “Seasonal Extraction in the Presence of Feedback”, Journal of Business and Economic Statistics 5, 191-194. (1987) https://doi.org/10.1080/07350015.1987.10509577
5. “Seasonal Adjustment without Too Much a Priori Economic Theory”, 1986 Proceedings of the American Statistical Association, Business and Economic Statistics Section, 150-153. (1987)
4. “Time Series Analysis and Errors in GNP – A Theoretical Correction of Ghysels and Vuchelen”, Cahiers Économiques de Bruxelles 96, 489-495. (1982)
3. “Philosophy of Sciences in Economics”, Tijdschrift voor Ekonomie en Management 27, 455-473 (in Dutch). (1982)
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)

## PAPERS SUBMITTED OR UNDER REVISION

1. “Binary Choice with Asymmetric Loss in a Data-Rich Environment: Theory and an Application to Racial Justice”, with Andrii Babii, Xi Chen and Rohit Kumar
2. “Real-time Forecasts of State and Local Government Budgets with an Application to COVID-19” with Fotis Grigoris and Nazire Özkan
3. “Machine Learning Panel Data Regressions with an Application to Nowcasting Price Earnings Ratios” with Andrii Babii, Ryan T. Ball and Jonas Striaukas
4. “Three Common Factors” with Elena Andreou, Patrick Gagliardini and Mirco Rubin
5. “Ambiguity with Machine Learning: An Application to Portfolio Choice” with Steve Raymond and Yan Qian
6. “Downside Risk and International Diversification: The Role of Country and Industry Effects” with Matteo Garzoli, Alberto Plazzi and Rossen Valkanov

7. “The Risk-Return Relationship and Financial Crises” with Alberto Plazzi, Rossen Valkanov and Zhe Wang
8. “Amplitude Estimation on Noisy Quantum: A Comparison of Methods”, with P. Dreher and H. Mohammadbagherpoor
9. “Quantum Computational Algorithms for Derivative Pricing in a Regime Switching Economy”, with N. Stamatopoulos and S. Woerner

**BOOKS**

1. “The Econometric Analysis of Seasonal Time Series” (with D. Osborn), Cambridge University Press (2001).

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, K. Motegi 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.

Associate Editor, *Journal of Econometrics*, 2004-2018.
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.
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.

**STUDENTS (Chair or Co-Chaired)**

| | | |
|---|---|---|
| Alain Guay | 1993 | Ph.D., Université de Montréal, Department of Economics. Initial employment: Université de Québec à Montréal, Canada |
| Joanna Jasiak | 1994 | Ph.D., Université de Montréal, Department of Economics. Initial employment: York University, Canada |
| Olivier Torrès | 1996 | Ph.D., Université de Montréal, Department of Economics. Initial employment: Université de Lille, France |
| Michael Chernov | 2000 | Ph.D., Penn State University, Smeal College of Business – Finance Department. Initial employment: Columbia University, Business School |
| Jennifer Juergens | 2001 | Ph.D., Penn State University, Smeal College of Business – Finance Department. Initial employment: Arizona State University, School of Business |
| Junghoon Seon | 2001 | Ph.D., Penn State University, Department of Economics. Initial employment: Korean Security Exchange Research Institute |
| Matthew Woolley | 2005 | Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: Moody's, New York |
| Arthur Sinko | 2007 | Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: SAS Inc. |
| Nishad Kapadia | 2007 | Ph.D., University of North Carolina at Chapel Hill Kenan Flagler Business School – Finance Department. Initial employment: Rice University, Jesse H. Jones Graduate School of Management |

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| Xilong Chen | 2008 | Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: SAS Inc. |
| Ryan Ball | 2008 | Ph.D., University of North Carolina at Chapel Hill Kenan Flagler Business School – Accounting Department. Initial employment: University of Chicago, Graduate School of Business |
| Bumjean Sohn | 2009 | Ph.D., University of North Carolina at Chapel Hill Kenan Flagler Business School – Finance Department. Initial employment: Georgetown University, McDonough School of Business |
| Fangfang Wang | 2009 | Ph.D., University of North Carolina at Chapel Hill Department of Statistics. Initial employment: University of Illinois at Chicago, College of Business Administration |
| Fernando Chague | 2012 | Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: University of San Paulo |
| Stephen Goldberger | 2013 | Ph.D., University of North Carolina at Chapel Hill, Department of Economics. Initial employment: JP Research, Palo Alto |
| Jinghan Meng | 2014 | Ph.D., University of North Carolina at Chapel Hill Kenan Flagler Business School – Finance Department Initial employment: School of Business, University of Hong Kong |
| 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, |

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| | | 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 |

## 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

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|---|---|
| 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 |