EDUCATION

University of Chicago Department of Statistics, Ph.D., 2008;
Beijing Normal University Department of Mathematics, B.Sc., 2003

ACADEMIC EXPERIENCE

Hong Kong University of Science and Technology (HKUST), Department of Information Systems, Business Statistics and Operations Management (ISOM) and Department of Finance, Associate Professor, 2015 –
Hong Kong University of Science and Technology (HKUST), Department of ISOM, Assistant Professor, 2009 – 2015
Princeton University, Department of Operations Research & Financial Engineering (ORFE) and Bendheim Center for Finance (BCF), Postdoctoral Research Fellow and Lecturer, 2008 – 2009

EDITORIAL APPOINTMENTS

- Associate Editor, ***Journal of Econometrics***, Jan 2017-.
- Associate Editor, ***Journal of Financial Econometrics***, Jan 2017-.

RESEARCH

- Approaching Mean-Variance Efficiency for Large Portfolios, Mengmeng Ao, Yingying Li and Xinghua Zheng, ***Review of Financial Studies***, to appear
- A Unified Approach to Volatility Estimation in the Presence of Both Rounding and Random Market Microstructure Noise, Yingying Li, Zhiyuan Zhang and Yichu Li, ***Journal of Econometrics***, to appear
- Estimating the Integrated Volatility with Tick Observations, Jean Jacod, Yingying Li and Xinghua Zheng, ***Journal of Econometrics***, to appear
- Statistical Properties of Microstructure Noise, Jean Jacod, Yingying Li and Xinghua Zheng, ***Econometrica***, 85, 2017, 1133-1174
- Comment on: Limit of Random Measures Associated with the Increments of a Brownian Semimartingale, Yingying Li and Xinghua Zheng, ***Journal of Financial Econometrics***, 2017
- Efficient Estimation of Integrated Volatility Incorporating Trading Information, Yingying Li, Shangyu Xie and Xinghua Zheng, ***Journal of Econometrics***, 195 (1), 2016, 33-50
- Rounding Errors and Volatility Estimation, Yingying Li and Per A. Mykland, ***Journal of Financial Econometrics***, 13(2), 2015, 478 - 504
- Realized Volatility When Sampling Times are Possibly Endogenous, Yingying Li, Per A. Mykland, Eric Renault, Lan Zhang and Xinghua Zheng, ***Econometric Theory***, 30, 2014, 580 - 605
- The Leverage Effect Puzzle: Disentangling Sources of Bias at High Frequency, Yacine Ait-Sahalia, Jianqing Fan and Yingying Li, ***Journal of Financial Economics***, 109, 2013, 224 - 249
- Volatility Inference in the Presence of Both Endogenous Time and Microstructure Noise, Yingying Li, Zhiyuan Zhang and Xinghua Zheng, ***Stochastic Processes and their Applications*** (The Year of Statistics Special Issue, edited by Rainer Dahlhaus, Jean Jacod, Per Mykland and Nakahiro Yoshida), 123, 2013, 2696 - 2727
- Vast Volatility Matrix Estimation using High Frequency Data for Portfolio Selection, Jianqing Fan, Yingying Li and Ke Yu, ***Journal of the American Statistical Association***, 107(497), 2012, 412-428
- On the Estimation of Integrated Covariance Matrices of High Dimensional Diffusion Processes, Xinghua Zheng and Yingying Li, ***Annals of Statistics***, 39(6), 2011, 3121 - 3151

• Microstructure Noise in the Continuous Case: The Pre-Averaging Approach, Jean Jacod, Yingying Li, Per A. Mykland, Mark Podolskij and Mathias Vetter, ***Stochastic Processes and their Applications***, 119(7), 2009, 2249-2276 (this paper received the ***Award for one of 10 Most Cited*** Articles 2005-2010 in *Stochastic Processes and Their Applications*)

• Are Volatility Estimators Robust with Respect to Modeling Assumptions? Yingying Li and Per A. Mykland, ***Bernoulli***, 13(3), 2007, 601-622

• On Euler's Constant-Calculating Sums by Integrals, ***American Mathematical Monthly***, 109, 2002, 845-850

HONORS AND AWARDS

• **Elected Fellow**, the Society for Financial Econometrics (SoFiE) (2017)

• Dean's Recognition of **Teaching Excellence** (2016-2017)

• RGC General Research Fund (GRF), Principal-Investigator (2016-2018)

• RGC General Research Fund (GRF), Principal-Investigator (2014-2016)

• PDF Matching Fund from HKUST (2014 - 2015)

• Dean's Recognition of **Teaching Excellence** (2013-2014)

• RGC GRF, Co-Investigator (2011-2014)

• RGC GRF, Principal Investigator (2010-2013)

• School-Based Initiatives (SBI) Funds from HKUST Business School (2012-2013)

• Award for one of 10 **Most Cited** Articles 2005-2010 in *Stochastic Processes and Their Applications* for the paper "Microstructure Noise in the Continuous Case: The Pre-averaging Approach" (2011)

• Direct Allocation Grant from HKUST (2011-2012)

• PDF Matching Fund from HKUST (2011 - 2013)

• School-Based Initiatives (SBI) Funds from HKUST Business School (2010-2012)

• Direct Allocation Grant from HKUST (2010-2012)

• Research Support Fund and Staff Development Grant, ISOM Dept., HKUST (2009 –)

• Research Support Fund from the Bendheim Center for Finance, Princeton University (2008-2009)

• Full tuition merit scholarship and Paul Meier Fellowship from the Department of Statistics at the University of Chicago (2003 - 2008)

• **Laha Award** from the Institute of Mathematical Statistics (IMS) (2007)

• **National First Prize** in the China Undergraduate Mathematical Contest in Modeling (2002)

• **National First Prize** in the China Undergraduate Mathematical Contest in Modeling (2001)

• Various scholarships and awards from Beijing Normal University (1999-2003)

PRESENTATIONS

– Conference Presentations

• IMS-FIPS (Institute of Mathematical Statistics — Finance, Insurance, Probability and Statistics) Workshop, London, (Sep 2018, upcoming)

• Financial Engineering and Risk Management (FERM) Symposium, shanghai (June 2018)

• New Aspects of Statistics, Financial Econometrics, and Data Science, Chicago (May 2018)

• 2018 Conference on Market Microstructure and High Frequency Data, Chicago (May 2018)

• Hangzhou International Conference on Frontiers of Data Sciences, Hangzhou (May 2018)

• 2017 CQAsia Conference, Hong Kong (Nov 2017)

• 2017 ICSA Applied Statistics Symposium, Chicago (Jun 2017)

- The Society for Financial Econometrics (SoFiE) 10th Annual Conference, New York (Jun 2017);
- The 1st International Conference on Econometrics and Statistics (EcoSta 2017), Hong Kong (Jun 2017)
- ICSA 2016, Shanghai (Dec 2016)
- 2016 International Conference on Data Science, Shanghai (Dec 2016)
- New Developments in Measuring & Forecasting Financial Volatility, Durham (Sep 2016)
- 2016 NCCU Joint Statistical Meetings, Taipei (Dec 2016)
- ICSA Conference on Data Science, Dali (Jul 2016)
- The Society for Financial Econometrics (SoFiE) 9th Annual Conference, Hong Kong (Jun 2016);
- Financial Engineering and Risk Management (FERM) Symposium, Guangzhou (Jun 2016)
- The 7th International Forum on Statistics of Renmin University of China, Beijing (May 2016)
- 4th Symposium on "Financial Engineering and ERM", Tokyo (Mar 2016)
- IASC-ARS 2015 conference, Singapore (Dec 2015)
- HKU-CUHK-HKUST-Stanford Conference in Quantitative Finance, Hong Kong (Dec 2015)
- Econometric Methods for Large Dimensional Data of Risk Measures, Chicago (Oct 2015)
- SYSU Workshop on Financial Engineering and Risk Management, Guangzhou (Jul 2015)
- 2015 IMS-China International Conference on Statistics and Probability, Kunming (Jul 2015)
- The Society for Financial Econometrics (SoFiE) 8th Annual Conference, Aarhus (Jun 2015);
- IMA-HK-IAS Joint Program on Statistics and Computational interface to Big Data, Hong Kong (Jan 2015)
- IMS-APRM, Taipei (Jul 2014);
- International Symposium on Financial Engineering and Risk Management (FERM), Beijing (Jun 2014);
- The Society for Financial Econometrics (SoFiE) 7th Annual Conference, Toronto (Jun 2014);
- The Sixth International Statistics Forum at Renmin University, Beijing (May 2014);
- The Ninth ICSA International Conference: Challenges of Statistical Methods for Interdisciplinary Research and Big Data, Hong Kong (Dec 2013);
- Conference on "Recent Developments in the Statistics of High Frequency Data", Toulouse (Nov 2013);
- The Society for Financial Econometrics (SoFiE) 6th Annual Conference, Singapore (Jun 2013);
- Russian-Chinese Seminar on Asymptotic Methods in Probability Theory and Mathematical Statistics, St.Petersburg (Jun 2013);
- IMS-SWUFE International Conference on Statistics and Probability, Chengdu (Jul 2013);
- IMS-China International Conference on Statistics and Probability, Xi'An (2011);
- Research Symposium on Frontiers of Statistics, Hefei (2011);
- Quantitative Finance Day, Hong Kong (2011);
- The Society for Financial Econometrics (SoFiE) 4th Annual Conference, Chicago (2011);
- 2010 Joint Statistical Meetings, Vancouver (2010);
- International Symposium on Financial Engineering and Risk Management, Taipei (2010);
- Workshop on Financial Econometrics at the Fields Institute, Toronto (2010);
- International Conference on Statistics and Society, Beijing (2010);

• International Conference on Statistical Analysis of Complex Data, Kunming (2010);

• IMS-China International Conference on Statistics and Probability, Weihai (2009);

• Stevanovich Center - CREATES conference, *Financial Econometrics and Statistics: Current Themes and New Directions*, Skagen (2009);

• The Tenth Annual Financial Econometrics Conference, the Institute for Quantitative Finance & Insurance, University of Waterloo (2008);

• Conference on Volatility and High Frequency Data, Chicago (2007);

• The International Workshop on Applied Probability, Storrs (2006)

– Invited Seminar Presentations

• University of Cambridge (2018, upcoming)

• New York University (2017)

• Duke University (2017)

• Northwestern University (2017)

• University of Chicago (2017)

• Xiamen University (2017)

• National Taiwan University (2016)

• The Institute of Statistical Mathematics (ISM), Japan, (2016)

• Southern University of Science and Technology (2015)

• Shanghai University of Finance and Economics (2015)

• City University of Hong Kong (2014)

• Capital Normal University (2014)

• Northeast Normal University (2014)

• University of Chicago (2013)

• Shanghai University of Finance and Economics (2013)

• Zhejiang University (2013)

• City University of Hong Kong (2013)

• Chinese University of Hong Kong (2011)

• The Hong Kong Polytechnic University (2011)

• AMSS, Chinese Academy of Science (2010)

• University of Illinois at Chicago (2010)

• Kyoto University (2010)

• University of Illinois at Chicago (2009)

• Peking University (2009)

• Hong Kong University of Science and Technology (2009)

• Princeton University (2008)

• Carnegie Mellon University (2008)

• Florida State University (2008)

• Johns Hopkins University (2008)

• Princeton University (2007)

TEACHING EXPERIENCE

- Instructor: *Intermediate Investments*, FINA 3103, Hong Kong University of Science and Technology, undergraduate course, Fall 2016
- Instructor: *Statistics for Financial Risk Management*, ISOM 352/ISOM 4520, Hong Kong University of Science and Technology, undergraduate course, Spring 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017
- Instructor: *Investment Analysis and Portfolio Management*, FINA 3104, Hong Kong University of Science and Technology, undergraduate course, Spring 2016
- Instructor: *Statistics for Financial Analysis*, ISOM 5520, Hong Kong University of Science and Technology, MSc course, Fall 2015, Fall 2016
- Instructor: *Business Statistics*, ISOM 111/ISOM 2500, Hong Kong University of Science and Technology, undergraduate core course, Fall 2009, 2010, 2011, Spring 2013, 2014
- Instructor: *Modern Regression and Time Series*, FIN/ORF 505, Princeton University, core course of the *masters in finance* program at Bendheim Center for Finance, Fall 2008
- Instructor: *Elementary Statistics*, STAT 200, the University of Chicago, undergraduate course, Winter 2007
- Course Assistant: *Stochastic Calculus/Finance-I*, *Stochastic Calculus/Finance-II*, *Introduction to Stochastic Processes I*, *Elementary Statistics*, the University of Chicago, (2004-2007)

ACADEMIC SERVICES

–Referee

–Reviewer for various esteemed journals / grant applications / professional databases, including –

- Annals of Applied Statistics
- Annals of Statistics
- Applied Stochastic Models in Business and Industry
- Bernoulli
- Econometrica
- Econometrics Journal
- Finance & Stochastics,
- Journal of Business & Economic Statistics
- Journal of Applied Econometrics
- Journal of Econometrics
- Journal of Finance
- Journal of Financial Econometrics
- Journal of the American Statistical Association
- Journal of Statistical Inference for Stochastic Processes,
- Quantitative Finance
- Statistics and Its Interface
- Mathematical Reviews (MR/MathSciNet)
- Risk Management Institute at the National University of Singapore (grant applications)
- Competitive Research Funding Schemes, Research Grants Council, Hong Kong

–Conferences

- European Finance Association Meeting (EFA) 2018, Program committee member
- The Society for Financial Econometrics (SoFiE) Annal Conference 2018, Program committee member
- Financial Engineering and Risk Management International Symposium (FERM) 2018, Program committee member, and organizer of an invited session
- The 2nd International Conference on Econometrics and Statistics (EcoSta 2018), Scientific program committee member and organizer of an invited session
- IMS-APRM 2018, organizer of an invited session
- The Society for Financial Econometrics (SoFiE) Annal Conference 2017, Program committee member
- European Finance Association Meeting (EFA) 2017, Program committee member
- The 1st International Conference on Econometrics and Statistics (EcoSta 2017), Local organizing committee member and organizer of an invited session
- Joint Statistical Meetings 2017, Organizer of an invited session
- HKUST IAS Quantitative Finance and Fintech Mini Workshop, 2016, Chair/Co-organizer
- The Society for Financial Econometrics (SoFiE) Annal Conference 2016, Local organizer and program committee member
- Financial Engineering and Risk Management International Symposium (FERM) 2016, Program committee member, and organizer of an invited session
- IASC-ARS 2015 conference, 2015, Organizer of an invited session
- European Finance Association Meeting (EFA) 2014, Program committee member
- The 2nd HKUST international Forum on Probability and Statistics, 2013, Co-organizer
- The 1st HKUST international Forum on Probability and Statistics, 2013, Co-organizer
- IMS-SWUFE International Conference on Statistics and Probability, 2013, Organizer of an invited session
- IMS-China International Conference on Statistics and Probability, 2011, Co-organizer of an invited session
- Joint Statistical Meetings 2010, Organizer of an invited session
- Chair of invited or distinguished sessions in various international conference

–Membership/Service for Professional Organization/Others

- Founding Member, The Society for Financial Econometrics (SoFiE), 2010 –
- Member, Institute of Mathematical Statistics (IMS), 2004 –
- Member, American Statistical Association, 2013 –
- Member, Econometric Society, 2013 –
- Executive Committee Member, Hong Kong Statistical Society (HKSS), 2011 - 2012
- Judge, final round of HSBC Financial Dialogue FinTech Challenge, 2017

–Various Other Services within HKUST

- Committee Chair, IAS- Quantitative Finance and FinTech seminar series, 2016 –;
- PhD/MPhil committee member, (STAT), 2010 – 2013, 2015 – ;
- Resource subcommittee member, (STAT), 2015 – ;
- UG committee member, Dept of Finance, 2016 - 2017 ;
- MSBA committee member, (ISOM), 2016 - 2017 ;
- JUPAS Interview, May 2016, May 2017;

- PG committee member, Department of Finance, 2015 - 2016 ;
- MSc task force, Department of Finance, 2015 - 2016 ;
- Organizer, IAS-quantitative finance seminars and IAS-Distinguished Lectures, 2014 – ;
- Seminar coordinator of Joint Statistics Seminars, Department of ISOM, 2013 – 2015;
- Thesis committee member or Supervisor of postdoctoral fellows, PhD and MPhil students from Departments of ISOM, Finance, Mathematics, IELM, 2009 – .

STUDENTS/ POSTDOCTORAL FELLOWS/RESEARCH ASSOCIATES SUPERVISED

- Yichu Li. Now with Investment Technology Group, New York
- Zhiyuan Zhang. Now Associate Professor, Shanghai University of Finance and Economics
- Shangyu Xie. Now Associate Professor, University of International Business and Economics, Beijing
- Guangying Liu. Now Department Head, Department of Financial Mathematics, Nanjing Audit University
- Mengmeng Ao. Now Assistant Professor, Xiamen University.
- Cheng Zhou. Now with Tencent AI Lab.
- Xinxin Yang, Now Assistant Professor, Central University of Finance and Economic.