# CHEN KIM HENG

Department of Analytics and Operations
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## EDUCATION

**Washington State University**                                    **Pullman, Washington**

- Ph.D. in Business Administration (Decision Sciences), December 2002
  Dissertation: *Nonlinear regression properties for conditional log returns of assets under scale mixtures: Theory and Applications*
  Advisor: Stergios B. Fotopoulos.
- M.S. in Statistics, May 2002
- Master of Business Administration, May 1998
- B.A. in Business Administration, Finance and Decision Sciences concentration, *magna cum laude*, May 1997

## ACADEMIC AND PROFESSIONAL EXPERIENCE

- Senior Lecturer, Department of Analytics and Operations, NUS Business School, National University of Singapore, August 2020 – Present
- Adjunct Associate Professor, Department of Analytics and Operations, NUS Business School, National University of Singapore, August 2019 – July 2020
- Consultant, Amici Enterprise Pte Ltd., 1 International Business Park Rd, The Synergy, January 2018 – December 2019
- Senior Lecturer, Department of Information Systems, Business Statistics and Operations Management, School of Business and Management, The Hong Kong University of Science and Technology, Hong Kong, August 2016 – July 2017
- Visiting Associate Professor, Department of Information Systems, Business Statistics and Operations Management, School of Business and Management, The Hong Kong University of Science and Technology, Hong Kong, August 2013 – July 2016
- Associate Professor, School of Business and Management, American University of Sharjah, UAE, August 2008 – July 2013
- Assistant Professor, School of Business and Management, American University of Sharjah, UAE, August 2003 – July 2008
- Visiting Assistant Professor, Department of Management and Decision Sciences, Washington State University, USA, January 2003 – July 2003

- Instructor, Department of Management and Decision Sciences, Washington State University, USA, January 2000 – December 2002

**COURSES TAUGHT**

**NUS Business School, National University of Singapore                          Singapore**

**Sem 1 2019/2020 – Present**

- *DAO1704 – Decision Analytics Using Spreadsheets*
- *DAO2703 – Operations And Technology Management*
- *DOS3714 – Sustainable Operations Management*
- *DOS5104 – Sustainable Supply Chains*

**School of Business and Management, The Hong Kong University of         Hong Kong, SAR Science and Technology**

**Fall 2013 – Spring 2017**

- *ISOM 5520 – Statistics for Financial Analysis*
- *ISOM 4540 – Time Series Analysis and Forecasting*
- *ISOM 3540 – Introduction to Probability Models*
- *ISOM 3530 – A Second Course in Business Statistics*
- *RMBI 3110 – Introduction to Risk Management and Business Intelligence*
- *ISOM 2500 – Business Statistics*

**School of Business and Management, American University of Sharjah         Sharjah, UAE**

**Fall 2003 – Spring 2013**

- *EMBA 702 – Analytical Foundations*
- *MBA 504 – Managerial Decision Making*
- *MBA 610 – Business Research Applications*
- *QBA 202 – Operations Management*
- *QBA 201 – Quantitative Business Analysis*
- *QAN 202 – Quantitative Analysis for Decision Making*
- *QAN 201 – Fundamentals of Quantitative Methods*

**College of Business and Economics, Washington State University      Pullman, Washington**

**Summer 2000 – Summer 2003**

- *Dec S 451 – Business Statistical Analysis*
- *Dec S 418 – Quality Improvement for Management*
- *Dec S 412 – Statistical Methods for Management*
- *Dec S 340 – Operations Management*
- *Dec S 215 – Business Statistics*

**STUDENT SUPERVISION**

**NUS Business School, National University of Singapore**                          **Singapore**

**Special Term AY2020/2021 – Present**

- Special Term AY2020/2021 – AY2021/2022: HO Hui Lun (Beatrice), LOW Yan Yee (Sarah), TAN Ke-Wa (Bryan), and WONG Jayvinn; *Field Service Project (E50 Educational Project) with TOP International Holdings (TOP) and DCS Synthesis*.
- Sem 1 AY2021/2022: LEE Jun Pei (Jet), LEE Kai Jie (Zachery), LIM Zi Yang, and TING Zhen Ning (Sarah); *Field Service Project with Dell Technologies*.

**SERVICES**

**NUS Business School, National University of Singapore**                          **Singapore**

**Special Term AY2020/2021**

- Supervisor, Business Internship (BI3001C) Module.

**School of Business and Management, The Hong Kong University of**        **Hong Kong, SAR**
**Science and Technology**

**Fall 2013 – Spring 2017**

- Faculty Interviewer, UG Admission JUPAS Interview on Nov 15, 2014, May 3, 2015 & May 2, 2016.
- Business Preview (JUPAS) mingling on May 15, 2016.
- Member, Department Undergraduate Committee for OM and STAT, 2014-2015.
- Faculty Advisor for Pre-Major Students admitted 2014-2016.

**School of Business and Management, American University of Sharjah**        **Sharjah, UAE**

**Fall 2003 – Spring 2013**

- Chair, Department Faculty Recruitment Committee (DFRC), 2009-2010.
- Member, Department Standards for Rolling Contracts & Promotion Committee, 2009-2012.
- Member, Department Teaching Effectiveness Committee, 2009-2010.
- Course Coordinator for Quantitative Business Analysis (QBA 201) course, 2009-2012.
- (Temporary) Member, School Faculty Personnel Committee (FPC), 2008-2009.
- Member, Department Faculty Recruitment Committee (DFRC), 2008-2009.
- Member, Department Teaching Effectiveness Committee, 2008-2009.
- Course Coordinator for Quantitative Business Analysis (QBA 201) course, 2008-2009.
- Member, Department Faculty Recruitment Committee (DFRC), 2007-2008.
- Member, Department Teaching Effectiveness Committee, 2007-2008.
- Member, Department Faculty Recruitment Committee (DFRC), 2006-2007.
- Chair, Department Standards for Rolling Contracts & Promotion Committee, 2006-2007.
- Chair, Department Faculty Recruitment Committee (DFRC), 2005-2006.

- Member, Department Research Committee (DRC), 2005-2007.
- Member, MBA Committee, 2005-2007.
- Member, Department MBA Concentration Committee, 2005-2006.
- Course Coordinator for Quantitative Business Analysis (QBA 201) course, 2005-2006.
- Member, Department Faculty Recruitment Committee (DFRC), 2004-2005.
- Member, Senate Ad-hoc Committee on Revising the Student Evaluation Form, 2004-2005.
- Member, School Curriculum Committee, 2004-2005.
- Member, Common Body of Knowledge (CBK) Committee, 2004-2005.
- Course Coordinator for Quantitative Methods (QAN) courses, 2004.
- Member, School of Business and Management Mission Committee, 2003.
- Member, Committee to redesign and design existing and new Quantitative Methods courses, respectively, for business majors, 2003.

## HONORS / AWARDS / GRANTS

- Faculty Research Grant, American University of Sharjah, May 2008
- Faculty Research Grant, American University of Sharjah, March 2007
- McAllister Scholarship Award, Department of Management and Decision Sciences, Washington State University, May 1997
- Faculty Association for Scholarship and Research Undergraduate Research and Scholarship Award, Washington State University, May 1997

## PUBLICATIONS

Published Papers

- Fotopoulos, S. B., Jandhyala, V. K., and Chen, K. H. (2007), "Regression Properties for Asymmetric Generalized Scale Mixtures of Multivariate Gaussian Variables," *Communications in Statistics: Theory and Methods*, Vol. 36, No. 3, 613-628.
- Fotopoulos, S. B., Jandhyala, V. K., and Chen, K. H. (2007), "Nonlinear Properties of Conditional Returns Under Scale Mixtures," *Computational Statistics and Data Analysis*, Vol. 51, No. 6, 3041-3056.
- Bley, J. and Chen, K. H. (2006), "Gulf Cooperation Council (GCC) Stock Markets: The Dawn of a New Era," *Global Finance Journal*, Vol. 17, No. 1, 75-91.
- Chen, K. H. and Han, L. (2006), "Efficiency in Information Processing: A Study of Non-Nearby Currency Futures and Relationships with Nearby Counterparts," *Review of Applied Economics*, Vol. 2, No. 1, 13-41.
- Chen, K. H., Jandhyala, V. K., and Fotopoulos, S. B. (2005), "Nonlinear Properties of Multifactor Financial Models," *Review of Applied Economics*, Vol. 1, No. 2, 143-169.

Proceedings

- Genc, I. H. and Chen, K. H. (2009), "Analysis Of The Stability Of Inflation In Inflation Targeting Countries Via Control Charts," *Proceedings of the International 7th Knowledge, Economy & Management Congress*, 1002-1014.

- Chen, K. H. and Saravia, A. (2007), "Intellectual Property Rights, Foreign Direct Investment and the Informal Economy," *Proceedings of the Academy of International Business*, Paper no. P108.
- Chen, K. H. (2006), "A Study of the Relationships Between Non-Nearby and Nearby Currency Futures," *Proceedings of the Pan-Pacific Business Association*, 286-288.
- Chen, K. H. (2004), "Analysis of the Risk-Return Relationships in Non-nearby Currency Futures following Macroeconomic Announcements," *Proceedings of the Decision Sciences Institute*, 131-136.
- Grant, J., McKechnie, D., and Chen, K. H. (2004), "Sponsorship, Volunteers, and Fund Raising: Considerations for Benefits and Satisfaction Beyond Just Cash to the Beneficiaries," *Proceedings of the Academy of Business Administration*, 291-297.
- Fotopoulos, S. B., Jandhyala, V. K., and Chen, K. H. (2002), "A Generalized Version of the APT Model: Nonlinear Regression under Scale Mixtures," *Proceedings of the Decision Sciences Institute*, 2430-2435.
- Fotopoulos, S. B. and Chen, K. H. (2001), "On the Conditional Return Security Value with Random Volatility," *Proceedings of the Decision Sciences Institute*, 352-354.

## PROFESSIONAL ACTIVITIES / AFFILIATIONS

- Editorial Board Member, *Review of Applied Economics*
- Ad hoc reviewer, *International Economics and Finance Journal*
- Ad hoc reviewer, *The Journal of Insurance Issues*
- Ad hoc reviewer, *The Journal of the Academy of Business Administration*
- Track Co-Chair (Statistics and Decision Analysis Track), *The Inaugural Conference of the Business, Information and Management Academy (BIMA)*, Mar 2007
- Session Chair, *The 23$^{rd}$ Annual Meeting of the Pan-Pacific Business Association*, May 2006
- Session Chair, *The 35$^{th}$ Annual Meeting of the Decision Sciences Institute*, Nov 2004
- Ad hoc reviewer, *The 35$^{th}$ (2004), 33$^{rd}$ (2002), & 32$^{nd}$ (2001) Annual Meetings of the Decision Sciences Institute*.
- Member, *The American Statistical Association (ASA)*
- Member, *The Decision Sciences Institute (DSI)*