

Curriculum Vitae



Professor Koh Hian Chye

Faculty
UC

Director
Business Intelligence & Analytics

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Education Qualifications

1987	PhD (Accounting), Virginia Polytechnic Institute & State University (Virginia Tech)
1983	BAcc (2nd Class Honours), National University of Singapore

Academic and Professional Experience

2013 - 2016	Assistant Provost, UniSIM College
2006 - 2012	Dean, School of Business, UniSIM
1998 - 2006	Vice-Dean, Nanyang Business School (NBS), NTU
1995 - 1998	Division Head, Actuarial Science & Insurance, NBS (NTU)
1987 - 1997	Faculty, NBS (NTU)
1983 - 1987	Senior Tutor, NTI/National University of Singapore

Membership & Professional Activities

2013	FCA Singapore [Fellow Chartered Accountant] (Singapore, ISCA)
2006 - 2016	FACCA [Fellow Association of Chartered Certified Accountants (UK)]
2004 - 2012	FCCA Singapore [Fellow Certified Public Accountant] (Singapore, ICPAS)
1989 - 2003	CPA Singapore [Certified Public Accountant] (Singapore, ICPAS)

Consultation and Executive Experience

- InfoComm Development Agency (IDA); Pattern Recognition and Machine Intelligence Society (PREMIA)
- Data Mining Trainer
- KPMG Services - Research & Statistical Consultant
- Sift Analytics; MinSheng Bank - Data Mining Course Instructor
- LinkAsia; Health Promotion Board; MobileOne; National Computer Systems - Data Mining Consultant
- SAS Institute - Data Mining Consultant & Instructor

- Stone Forest Management Consultants; PKF Consultants - Market Research Consultant
- Auditor General's Office - Honourary Consultant on Statistical Applications
- Singapore Post; Singapore General Hospital; Commercial Affairs Department (MOF); Diners' Club; Singapore Tourist Promotion Board; Singapore Pools - Statistical Consultant

Research Interests

- Institutional analytics; learning analytics; data mining and business analytics applications

Selected Publications and Presentations (from 2006 since joining SUSS)

- Koh, H C, "Institutional Analytics in SUSS: Objectives, Methodology, Progress & Challenges", *ICDE Leadership Summit* (Nancy: France), May 2017.
- Koh, H C, "Educational Data Mining and Learning Analytics", *International Conference on Business and Information* (Nagoya: Japan), July 2016.
- Koh, H C, "Determinants of Students' Performance in Accounting Programmes", in Wilson (Ed), *The Routledge Companion to Accounting Education* (Routledge), 2014, pp. 449-469.
- Koh, H C and S Chong, "Broadening and Deepening of SoTL with Learning Analytics", *Advances in SoTL* (Singapore), 2014, Volume 1 Number 1, pp. 49-62.
- Koh, H C, "The Rise of Learning Analytics", *SingTel i.Luminate 2012* (Singapore), November 2012.
- Gan, L., H C Koh and Frederick, J R, "Profiling of Medical Tourists in North Carolina", *International Conference on Business and Information* (Sapporo: Japan), July 2012.
- Koh, H C, "Data Mining Applications in Healthcare: A Study of ADHD", *International Conference on Business and Information* (Bangkok: Thailand), July 2011.
- Koh, H C and G Gervais, "Fraud Detection Using Data Mining Techniques: Applications in the Motor Insurance Industry", *International Conference on Business and Information* (Kitakyushu: Japan), July 2010.
- Koh, H C, "A Data Mining Analysis of Healthcare Tourism in Singapore", *International Conference on Tourism Development and Management* (Kos Island: Greece), September 2009.
- Johnson, S D, H C Koh and L N Killough, "Organizational and Occupational Culture and the Perception of Managerial Accounting Terms: An Exploratory Study Using Perceptual Mapping Techniques", *Contemporary Management Research* (Taiwan), 2009, Volume 5 Number 4, pp. 317-342.
- Gan, L, R C Ramin and H C Koh, "Profiles, User and Perceptions of Singapore Multiple Credit Cardholders", *Journal of Services Marketing* (United States), 2008, Volume 22 Issue 4, pp. 267-279.
- Koh, H C, "Using Data Mining Techniques in Accounting Research", *International Conference on Accounting and Information Technology* (Taipei: Taiwan), August 2008.
- Chia, Y M and H C Koh, "Organizational Culture and the Adoption of Management Accounting Practices in the Public Sector: A Singapore Study", *Financial Accountability & Management* (United Kingdom), 2007, Volume 23 Number 2, pp. 189-213.
- Cheng, P, H C Koh and C K Low, "Identifying Financial Characteristics with Decision Tree Models", *Asian Finance Association Conference* (Hong Kong), July 2007.

- Fock, S T and H C Koh, "Conceptualisation of Trust and Commitment, and Understanding the Relationships between Trust, Commitment and Willingness to Try Internet Banking Services", *International Journal of Business and Information* (United States), 2006, Volume 1 Number 2, pp. 194 - 208.
- Khim, L S, H C Koh and S Shetty, "Some Potential Issues of Service Quality Reporting for Airlines", *Journal of Air Transport Management* (United States), 2006, Volume 12, pp. 293-299.
- Fan, G Z, S E Ong and H C Koh, "Determinants of House Price: A Decision Tree Approach", *Urban Studies* (United Kingdom), November 2006, Volume 43 Number 12, pp. 2301-2315.
- Koh, H C, W C Tan and C P Goh, "A Two-step Method to Construct Credit Scoring Models with Data Mining Techniques", *International Journal of Business and Information* (United States), 2006, Volume 1 Number 1, pp. 96-118.
- Teoh, W K and H C Koh, "Viewing the Balanced Scorecard in a Practical Light", *Measuring Business Excellence* (United Kingdom), 2006, Volume 10 Number 2, pp. 65-76. *[This paper has been awarded the Outstanding Paper Award at the Emerald Literati Network Awards for Excellence 2007 for being the best paper in the field.]*
- Cheng, P, H C Koh and C K Low, "Understanding US Bank Failures and Developing an Early Warning System with Decision Tree Models", *Australasian Finance and Banking Conference* (Sydney: Australia), December 2006.
- Koh, H C and G Gervais, "Using Data Mining for Travel and Tourism Research", *International Conference on Business and Information* (Singapore), July 2006.
- Koh, H C, G Gervais and S K Yeung, "Using Technology in Education: The Application of Data Mining", in Tsang, Kwan and Fox (Eds), *Enhancing Learning through Technology* (World Scientific Publishing), 2006, pp. 185-198.

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