



SCHOOL OF DECISION SCIENCES

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Department of Mathematics & Statistics

Department of Supply Chain Management





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Message from the Dean

Dear colleagues and students,

Happy Lunar New Year! I am delighted to announce the kickoff of the first issue of our School of Decision Sciences (SDSC) Newsletter.

SDSC was established in September 2014. It aims to ignite students' interest in data science, information management and supply chain management. For students who have chosen to study our programmes, I congratulate you on your smart decision. For my dearest colleagues, I sincerely thank you all for helping to build this strong school and intimate community.

Hope you enjoy reading this inaugural issue!

Wish you a prosperous Year of the Sheep!

*Professor TANG Man Lai
Acting Dean,
School of Decision Sciences*



Message from the Associate Dean

The School of Decision Sciences comprises of an outstanding team of scholars from different disciplines, including information management, mathematics, statistics and supply chain management. We target to cultivate graduates with interdisciplinary knowledge to analyse complex business problems and provide effective managerial decisions. Our research focuses include Business Analytics and Supply Chain Excellence, and Data Mining and Knowledge Recovery from Big Data. We welcome all suggestion and research collaboration.

Wish you all have a healthy and prosperous Year of the Sheep!

*Dr WONG Wai Hung, Collin
Associate Dean,
School of Decision Sciences*



A group photo of the Department of Mathematics & Statistics



A group photo of the Department of Supply Chain Management

Competitive Research Funding for the Local Self-financing Degree Sector Faculty Development Scheme (FDS) & Inter-Institutional Development Scheme (IIDS)

In the 2014/15 Research Grants Council (RGC) Competitive Research Funding Exercises for the local self-financing degree sector, Hang Seng Management College has secured a total funding of over HK\$11.3 million for 22 projects. Under the School of Decision Sciences, seven academic staffs received the research grant under the Faculty Development Scheme (FDS) and Inter-Institutional Development Scheme (IIDS) respectively.

Faculty Development Scheme (FDS)

To develop the research capability of individual academics in the local self-financing degree-awarding institutions so that they can transfer their research experiences and new knowledge into teaching and learning.

Inter-Institutional Development Scheme (IIDS)

To enhance academics' research capability in the local self-financing degree-awarding institutions and keep them abreast of new developments and challenging research topics in relevant fields.

Let's join hand to congratulate the following seven academic staff for their outstanding performance on attaining the research grant:

Department of Mathematics & Statistics

Faculty Development Scheme (FDS)

- ❖ Dr Choy Siu Kai (UGC/FDS14/E02/14) HK\$573,620
Model-based Unsupervised Image Segmentation
- ❖ Prof Tang Man Lai (UGC/FDS14/P01/14) HK\$618,585
New Items Count Techniques for Surveys with Sensitive Questions: Theories and Methods
- ❖ Dr Yu Kwok Wai (UGC/FDS14/P03/14) HK\$667,115
Generalized Multicriteria Programs and their Application in Portfolio Selection Problems



Inter-Institutional Development Scheme (IIDS)

- ❖ Dr Liu Nga Wai (UGC/IIDS14/P01/14) HK\$381,570
Workshop Series in Applied Statistics 2014-15



Department of Supply Chain Management

Faculty Development Scheme (FDS)

- ❖ Dr Glowacka Karolina Joanna (UGC/FDS14/B08/14) HK\$721,377
Integrated Modeling Approach for Increasing Hong Kong Port Competitiveness
- ❖ Dr Wong Eugene Yin Cheung (UGC/FDS14/B20/14) HK\$639,055
Supply Chain Decarbonisation: Good Industry Practices and Development of Carbon Footprint Toolkit
- ❖ Dr Wong Ricky Siu Kuen (UGC/FDS14/H13/14) HK\$589,260
Systematic Biases in Hong Kong's Mandatory Provident Funds and UK's Individual Savings Account



New Programme Initiation – Bachelor of Science (Honours) in Data Science and Business Intelligence (BSc-DSBI)

The Department offered its first bachelor’s degree programme in September 2014, namely Bachelor of Science (Honours) in Data Science and Business Intelligence (BSc-DSBI), which integrates “Data Science” and “Business Intelligence” with a comprehensive business education to answer the market needs.

Our BSc-DSBI students will learn how to apply advanced analytical tools and algorithms to generate important insights and develop innovative ideas by analysing business data. Thus our graduates are expected to have a wide range of career options such as statistician, actuary, financial analyst and market researcher, etc.

You may visit <http://www.hsmc.edu.hk/index.php/academic-programmes/dsbi> to learn more about the programme.



BSc-DSBI Programme Orientation

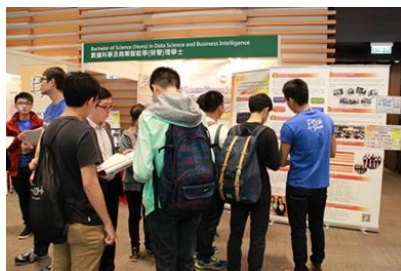
The orientation was held on 26 August 2014. More than 60 BSc-DSBI freshmen attended the orientation and met with teachers and administrative staff of the Department. Prof Tang Man-Lai welcomed the students and Dr Marco Yu gave a brief introduction about the programme. Students, teachers and administrative staff enjoyed having lunch together after the briefing and the orientation ended delightfully with a campus tour.



A group photo of the BSc-DSBI students

HSMC Information Day BSc-DSBI Programme

The 1st Information Day was successfully held on 22 November 2014. The BSc-DSBI programme organised three sessions of information seminar and provided an exhibition booth to answer the enquiries from visitors.



Visitors enquired about the structure of the BSc-DSBI programme



Information session of the programme



Applied Statistics Workshop Series 2014/15

The Department held the Workshop Series in Applied Statistics 2014/15 on 20 November 2014. The theme of the day was "Applied Statistics in Image Processing". The Department invited Dr Jeff Tang, Assistant Professor at Caritas Institute of Higher Education, to be the guest speaker of the event. Our colleagues, Dr Siu-Kai Choy and Dr Benson Lam, also gave presentations at the workshop. Students were fascinated to learn how statistics can be applied to different business industries.



A group picture of Dr Jeff Tang, staff of the Department of Mathematics and Statistics and BSc-DSBI students



Presentation of Dr Jeff Tang

Professional Recognition - SAS Joint Certificate in Data Mining

The Department is pleased to announce that the BSc-DSBI programme and SAS Institute jointly offer a SAS Joint Certificate in Data Mining to better assist students to work in a data-rich environment.

SAS Institute (or SAS) is a worldwide leading producer of business analytics software founded in 1976. SAS developed an analytic software (also called SAS; Statistical Analysis System) for advanced analytics, data management and business intelligence. It is widely used in public and private institutions and organisations such as higher education institutions, investment banks, insurance companies and the Census and Statistics Department in Hong Kong.

HSMC is one of the 14 institutions in the world and the only local institution that is entitled to confer the SAS Joint Certificate in Data Mining. This professional recognition will open up many exciting career opportunities to our BSc-DSBI students. You may visit BSc-DSBI programme's website for more details about the certificate.

Staff development - Award & Conferences

Award

Congratulations to Dr Iris Yip for winning the Best Paper Award in the 10th Asian Business Research Conference.

Conferences

Our colleagues have recently attended various international conferences:

- ❖ 2014 ISIS-Venice Italy International Multidisciplinary Academic Summit (Prof Tang Man-Lai)
- ❖ The 1st International Conference on Big Data and Applied Statistics (Prof Tang Man-Lai)
- ❖ 34th International Symposium on Forecasting (Dr Iris Yip)
- ❖ 10th Asian Business Research Conference (Dr Iris Yip)

Enabling Wireless Technologies in Supply Chains Seminar



The Department of Supply Chain Management organised a seminar - "Enabling Wireless Technologies in Supply Chains Seminar" on 25 October 2014 which aimed at introducing how RFID technologies improve logistics and supply chain management.

It is our great honour to have Prof C H Cheng, (Associate Professor of Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong), Mr Daniel Chan (President of the Institute for Supply Management, Pearl River Delta) and Mr Stephen Wai (Business Development Manager of the HK R&D Centre for Logistics and Supply Chain Management Enabling Technologies) to share their experiences and the latest development of the RFID technologies. In addition, Dr Eugene Wong and Dr Tommy Cheung from the Department of Supply Chain Management also made a presentation on the RFID Research for Supply Chain Operations. In the end, the guest speakers and participants had active discussions on the opportunities and challenges of RFID research and application in Hong Kong.



From left to right: Dr Tommy Cheung, Mr Stephen Wai, Dr Eugene Wong and Prof C H Cheng shared their views during the Expert Panel Session



Guest speakers and SCM colleagues took a group photo with the participants

HSMC Information Day BBA-SCM & BMSIM

The Information Day was successfully held on 22 November 2014. Our department organised 2 sessions of demo lectures for visitors, providing the latest information on our 2 Bachelor Programmes: Bachelor of Business Administration in Supply Chain Management (BBA-SCM) and Bachelor of Management Science and Information Management (BMSIM).

Characteristics of programmes (e.g. curriculum structures, admission criteria, career paths, internship opportunities and professional recognitions) were highlighted. Apps writing was demonstrated during the demo lecture. Visitors had great experience in scanning the QR code on the screen for instant updates and had a better understanding of the new technologies that would be taught in the BMSIM Programme. Senior students also shared their learning experiences from the internship and exchange programme.



HSMC Information Day: BBA-SCM & BMSIM

BMSIM Programme Advisors cum Industry Advisors Luncheon Meeting

The first BMSIM Programme Advisors cum Industry Advisors Luncheon Meeting was held on 15 November 2014 at Ocean Blue Restaurant of HSMC. Dr Collin Wong, Programme Director, thanked Committee Members for their continuous support from programme design to implementation all along. Members were updated on the development of the Programme while they also made valuable suggestions for future improvement. After the luncheon meeting, the mentees who joined the Mentorship Scheme attended the mentor-mentee group meeting and met their potential mentor at the DST Lab. The mentees shared their future career plans and sought advice from the mentors.



Programme Advisors and Industry Advisors of BMSIM Programme



Mentor-mentees group meeting



Group Photo of mentors and mentees

Department of Supply Chain Management Student Representatives

A group of student representatives was nominated by the Department of Supply Chain Management for the academic year 2014/15. Their major duty is to liaise with inbound/outbound school seminars and their secondary schools. The representative will be invited to share their learning experience and engagement in school activities at HSMC to high-school students. In addition, they will also be invited to participate in media interviews, establishing a positive image for our department.



Group photo of 2014/15 Student Representatives of SCM Department



Group photo of 2014/15 Student Representatives and Department Representatives of SCM Department



The 20th Asia Pacific Decision Sciences Institute Conference

in conjunction with

The 2nd International conference on Supply Chain for Sustainability

Hong Kong, July 19-24, 2015

&

A Special Issue of the Journal of Management Systems

We welcome you to submit papers or provide sponsorship & support to the Conference.

For submission of papers, please visit our Conference website: www.apdsi2015.org

For providing sponsorship, support or enquiries, please send details to:

apdsi2015@hsmc.edu.hk

Conference Advisers

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President

Hang Seng Management College, HK

Prof. Gilbert C. F. Fong

Provost

Hang Seng Management College, HK

APDSI Conference Chairs

Prof. T.S. Lee

APDSI 2015 Conference Chair
BBA-SCM Program Director
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Prof. Xiande Zhao

APDSI 2015 Conference Co-chair
Professor of Operations and Supply Chain
Management
Director of Center for Innovations in Supply
Chain and Services
China Europe International Bus School
Director of institute of Supply Chain
Integration and Service Innovation
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Hang Seng Management College, HK

Prof. Minoo Tehrani

APDSI 2015 Conference Co-chair
Professor & Director of Intl Bus Major
Gabelli School of Business
Roger Williams University, USA

The 2nd International conference on Supply Chain for Sustainability

Dr. Danny Ho

Associate Head and Assistant Professor
Department of Supply Chain Management
Hang Seng Management College, HK

Dr. Shirley Yeung

Assistant Professor
Department of Supply Chain Management
Hang Seng Management College, HK