

Research & Publications

November 2009

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New Initiatives

CSEP Launch

The NUS Business School officially launched the **NUS Centre for Social Entrepreneurship & Philanthropy (CSEP)** on 28 August 2009. At the launch, the CSEP received a donation of \$1.5 million from the Mrs. Lee Choon Guan Trust Fund, with a dollar-by-dollar matching commitment from the Singapore government.

The Centre for Social Entrepreneurship and Philanthropy aspires to be a centre of excellence in social entrepreneurship and philanthropy research and education, and in mobilization of human and other resources towards community development efforts. Headed by Assoc Prof Albert Teo, the centre aims to advance social entrepreneurship and philanthropy research and education, as well as enhance the community development efforts of the university's students, alumni, staff and other stakeholders.

For further details, please refer to the following link

<http://bschool.nus.edu.sg/ResearchPublications/ResearchCenters/CentreforSocialEntrepreneurshipPhilanthropy/AboutUs.aspx>

CAMRI Launch

The NUS Business School launched the **Center for Asset Management Research & Investments (CAMRI)** in March 2009. The center aims to be a world-class center in the research, education, and practice of asset management by using state-of-the-art facilities, resources, data, and software applications, specifically those involving best practice in the field of Asian institutional, sovereign wealth, and retail fund management and regulation.

The main activities of CAMRI include student consulting practicum projects with participants from the financial industry; the NUS MBA Stock Pitch Competition; and the Investment Management & Trading Lab. This lab, once completed, will have 30 work stations, equipped with trading and financial analytical software and live data feeds and will be the focal point of CAMRI's teaching, training, and educational activities.

For further details, please refer to the following link

<http://bschool.nus.edu.sg/ResearchPublications/ResearchCenters/CAMRI/tabid/2203/Default.aspx>

Research @NUS – New University Level Research Portal

NUS recently launched its new university level research portal. The portal depicts the various stages of the grant life cycle through easy to understand visuals and an easy to navigate links and pages. The portal gives information pertaining to Principal Investigators about the various policies and procedures etc. along with links to various informative websites before starting a new project. The portal also provides information about the other stages of the Grant life cycle and the various steps involved in each stage. "Apply for Grants" section includes the various funding opportunities, grant programmes, and proposal submission guidelines. The other sections provide details on how to start a new research project after the funding has been approved as well as on how to manage the ongoing progress including audit certifications, team compositions & the handing over of a project incase of PIs resignation etc. Finally the "Project Completion" section gives information on submission of final reports, final expenditure statements and other closing formalities. All in all, it's a one stop information center for everything related to doing Research@NUS!

Research Portal at NUS: <https://staffportal.nus.edu.sg/staffportal/portal/research.html>

Featured Researchers



Richard Arvey, Professor & Head of Department, NUS Business School

Leadership and Genes

Based on joint work with Wendy Johnson, Zhen Zhang, and Matt McGue from the University of Minnesota, and Maria Rotundo from the University of Toronto

- Does genetics influence personality? More specifically, what roles do genetics and personality play in deciding whether an individual becomes a leader?
- By studying identical vs. fraternal twins, Prof. Arvey was able to statistically extract the effects of genetics:
 - Personality is associated with leadership-role occupation
 - Genetics influences leadership-role occupation. Some 30% of the variation among individuals is accounted for by genetics
 - Genetics has a direct, as well as indirect, influence on leadership via personality
 - Shared environment among twins did not influence leadership emergence



Duan Jin Chuan,

Director of Risk Management Institute & Cycle & Carriage, Professor of Finance, NUS

Derivative Pricing and Credit Risk

- Internationally known for his pioneering work on the GARCH option pricing model, with the first theoretically rigorous approach to derivatives pricing that builds on time series models like GARCH. His approach has opened up the new frontier of employing more empirically convenient discrete-time dynamic models in derivatives pricing.
- Structural credit risk models, based on a stylized interpretation of the corporate balance sheet, are commonly used in trading and risk management by financial institutions. His 1994 *Mathematical Finance* paper shows for the first time how this class of models can be rigorously analyzed using the maximum likelihood principle. In a

2009 publication in *Journal of Econometrics*, Prof Duan in collaboration with his former PhD student have devised a way of using particle filter to overcome the statistical challenge in estimating structural credit risk models in the presence of microstructure noises. The practical implication is that mistreating microstructure noises as system risk can now be avoided.

Visiting Professor



Zhang Hanqin, Professor at Academy of Mathematics and Systems Science, Chinese Academy of Sciences (CAS), and Visiting Professor at Department of Decision Sciences, Business School, National University of Singapore

Rewards and Honors:

- Distinguished Young Investigator Grant from National Nature Science Foundation of China (1999)
- Academic Excellence Award for One-Hundred Talents Program of CAS (2003)

Currently, Prof Zhang is visiting NUS Business School for two years. He collaborates with Decision Sciences faculty exploring topics in inventory models and call centers. They use the diffusion approximation method to construct asymptotic optimal policies in the complicated inventory models. He is also active in PhD supervision, and has developed a new PhD level module: Advances in Stochastic Processes, for the department.

Professor Zhang Hanqin assisted the PhD Program Office for promotional visits to various top universities in China in early September this year. Schools visited include Fudan, Shanghai Jiaotong University, Nanjing University, Wuhan University, Huazhong University of Science and Technology, Nankai University and Tianjin University. Over 100 students have shown keen interest in applying to our PhD Program as a result of these visits.

Short Term Visiting Professors

Visiting Faculty	Department	Subjects Taught
Prof Han Bong Heui	AC	Managerial Accounting
Dr. Sunil Venaik	BP	Asia-Pacific Business Ethics & Society
Prof Nicholas G. Hall	DS	Project Management
A/P Shimada Tomoaki	DS	Operations Strategy
Prof B. B Chakrabarti	FN	Fixed Income Securities, Options & Futures
Senior Fellow Gurmeet Bhabra	FN	Corporate Finance, Advanced Corporate Finance
Fellow Zsuzsa Huszar	FN	Financial Markets
Senior Fellow John Puthenpurackal	FN	Investments Analysis and Management
A/P Lena Booth	FN	Private Equity
Prof Ganesh Iyer	MKTG	Doctoral Seminar in Competitive Marketing Strategy
Prof Gita Johar	MKTG	Seminar in Consumer Behaviour: Information Processing

New Research Projects (2009/10)

F/Y	PI	Dept.	Project Title	Approved Funding	Duration of RP
2009	Mabel Chou	DS	Re-design and Analysis of a Hospital Bed Management System	\$57,000.00	3 years
2009	Wu Yaozhong	DS	Behavioral Models in Operations Management	\$29,900.00	3 years
2009	Fong Wai Mun	FN	Faculty Research Fellowship	\$50,000.00 (Attached to CAMRI)	1 year
2009	Lam Swee Sum	FN	Faculty Research Fellowship	\$111,000.00 (\$100,000.00 Attached to CSEP)	2 years
2009	Takeshi Yamada	FN	An Empirical Study of Daily Institutional Short Selling on the Tokyo Exchange	\$31,500.00	2 years
2009	Iris Hung Wai Ping	MKTG	The Role of Self and Positive Emotions in Consumer Judgment and Decision Making	\$38,800.00	3 years
2009	Ping Xiao	MKTG	McDonald's vs. KFC: Entry Game in China	\$19,191.50	3 years

External Research Grants

F/Y	PI	Dept.	Project Title	Approved Funding	Duration of RP	Funding Body
2009	Melvyn Sim	DS	Robust Optimization Approach to Inventory Routing Problem with Uncertainties	US \$50,000	5 years	ExxonMobil Research & Engineering Company (EMRE)

2009	Anand Srinivasan	FN	Bankruptcy Forecasting in Asian Markets	S \$54,000	3 years	Risk Management Institute (RMI)
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RECOGNITION: EDITORIAL WORK

To provide support and incentive for faculty members to take up editorial work with leading and reputable journals, new grants have been allocated to meet travel expenses to attend editorial board meetings. An SGD 6,000 travel grant will be provided for serving as Editor-In-Chief (EIC) or Area/General Editor for Tier-I and Tier-II journals based on the Business School List. An SGD 3,000 travel grant will be provided for serving as Associate Editor for Tier-I journals on the Business School list.

TF-NUS-IBA Programme



The Temasek Foundation (Singapore) Board approved the programme submitted by IBA (Pakistan) for 6 MBA IBA Faculty to each spend a semester in NUS Business School as “Visiting Scholars” over a period of 36 months, starting the beginning of semester in July 2010.

The programme presents great opportunities for academics in Pakistan and Singapore to learn and share from each other. During the period of study in NUS, the Visiting Scholars will be able to audit some PhD modules and conduct research with NUS faculty member. They will be entitled to all the privileges accorded to own students and visitors. As such, they will be entitled to use the library and computing facilities, attend doctoral seminars and workshops, and work closely with our students and faculty.

NUS Summer Strategy Conference 2009

The Department of Business Policy at NUS Business School hosted its inaugural annual **Strategy Research Conference** on August 26-27, 2009.

The focus of the conference was on the theme of Corporate Governance and Institutions. General topics of interest include:

- Role of intellectual property rights, political rights, and civil liberties in innovation and economic growth;
- Impact of corporate legal and regulatory framework on firm behavior and performance;
- Role of business groups in emerging market countries;
- Impact of institutions in individual countries-in addressing a common environmental shock, e.g., global financial crisis;
- Evolution of institutions with interactions among individual actors and governments



Speakers at the Conference	
<i>26th August, 2009</i> (No. Of Attendees: 59)	<i>27th August, 2009</i> (No. Of Attendees: 38)
Professor Yupana Wiwattanakantang Hitotsubashi University	Dr. Susan Perkins Northwestern University
Dr. Young-Choon Kim National University of Singapore	Dr. Minyuan Zhao Michigan University
Assoc Prof Jordan Siegel Harvard University	Professor Jiangyong Lu Peking University
Professor R. Lincoln UC Berkeley	Dr. Xiaohui Lu National University of Singapore
Professor Christina Admadjian Hitotsubashi University	
Assoc Prof Edmund Terence Gomez University of Malaya	

For more information, please refer to <http://137.132.179.30/businesspolicy/conferences.aspx>

Composition of FRC & PhD Committee and PhD Coordinators (2009/10)

Composition	Faculty Research Committee	Faculty PhD committee	Department PhD coordinator
Chairman	Vice-Dean (Research)	Director (PHD Program)	
Dept. of Accounting	A/P Shi, Charles	A/P Sankaraguruswamy, Srinivasan	A/P Shih Sheng-hua Michael
Dept. of Business Policy	A/P Lan Luh Luh	Prof. Chang Sea-Jin	A/P Lu, Wenzhen, Jane
Dept. of Decision Sciences	Dr. Yaozhong Wu	A/P Melvyn Sim	A/P Chou Fee Seng
Dept. of Finance	A/P Fong Wai Mun	A/P Srinivasan, Anand	A/P Srinivasan, Anand
Dept. of Management & Organisation	A/P Lim Kim Geok, Vivien	A/P Chung Chi-Nien	A/P Daniel J McAllister
Dept. of Marketing	A/P Lim, Wei Shi	A/P Yeung, Wing Man Catherine	A/P Yeung, Wing Man Catherine

NUS Alumni Honors and Awards



Shirish Srivastava, Department of Decision Sciences, NUS Business School

Graduated on October 31st, 2008

Awards:

- Nominated for the **William H Newman Award** for Best Paper based on PhD dissertation
- Awarded the **Geraldine DeSanctis Dissertation Award** by the Organizational Communication and Information Systems (OCIS) Division at the Academy of Management (AOM) Annual Meeting 2009 in Chicago.



Siah Hwee Ang, Management & International Business, Auckland Business School

Siah Hwee sits on editorial boards of **Academy of Management Journal** and **Long Range Planning**. He also teaches strategy courses at the executive, postgraduate and undergraduate levels, together with postgraduate research methods and has supervised over 30 postgraduate students

Awards:

- “Best Paper Award”, Asia Academy of Management Conference (AAOM), Taipei, 2008
- The “University of Auckland Early Career Research Excellence Award”, 2008
- The “University of Auckland Business School - Research Excellence Award for Outstanding New Researcher”, 2005
- NUS Business School “Best PhD Thesis Award”, 1999

Full Time Placements of Recent PhD Graduates



Student: **Zhuang Wenyue**, Department of Business Policy

Candidature Date: 04/08/2003

Company: Infocomm Development Authority (IDA)

Designation: Assistant Manager

Department: Strategy Planning



Student: **Yuan Lin**, Department of Business Policy

Candidature Date: 02/08/2004

Institution: University of Macau

Designation: Assistant Professor

CEMS RDE

Born in Europe in 1988, the CEMS alliance now includes 25 full academic members around the world, *and 3 associate academic members*- each a top school of its country. The CEMS MIM has been ranked the number 1 Master's in Management programme in the world by the Financial Times in 2009. NUS Business School is one of the partner schools in this global alliance.

In 2004 cooperation in research and doctoral education was identified as a core strategic objective for the CEMS alliance. The Research and Doctoral Education Committee (RDE), chaired by Rector Eero Kasanen (HSE), was created to identify cooperation priorities and to initiate joint projects. The RDE Committee is composed of Doctoral Programme Directors or Deans for Research at the CEMS schools.

The list of workshop and doctoral block seminars, open to all faculty and students in the CEMS alliance, can be viewed at <http://www.cems.org/general/phd/workshops.php>.

Faculty Groups constitute an opportunity for academics from CEMS schools to work with peers on the issues that they are focusing on in their personal research. They function within the framework of the CEMS MIM programme. They fulfill the requirement for international cooperation in Block Seminars and CEMS courses. Additionally, they create numerous opportunities for joint book, article and/or research projects as well as the organisation of Doctoral education workshops.

For a list of faculty group, see <http://www.cems.org/general/phd/groups.php>

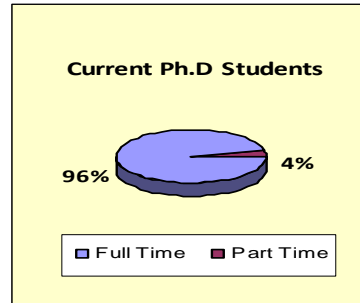
Key Facts & Figures

✚ **No. of Tenured Faculty: 62**

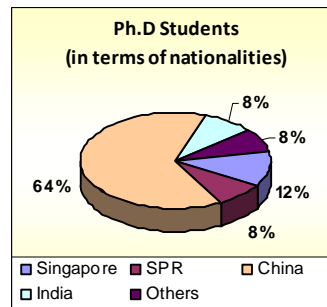
✚ **Book published this year (Since Jan '09) : 10**

PhD Student Statistics

Current Ph.D Students	
Full Time	68
Part Time	3

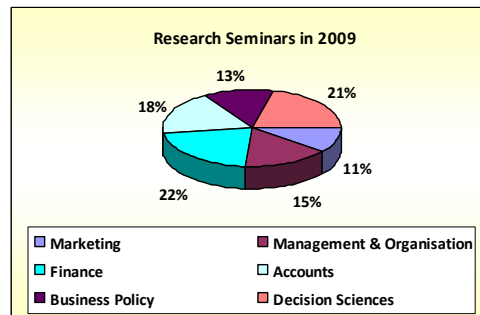


Nationalities	
Singapore	8
SPR	6
China	45
India	6
Others	6



No. of Research Seminars (January 2009 – October 2009)

Research Seminars	
Marketing	15
Management & Organisation	22
Finance	31
Accounts	26
Business Policy	18
Decision Sciences	30



NUS Business School | Research & Publication

NUS Business School, 1 Business Link, BIZ 2 Building, Singapore 117592

All details provided are correct at the time of printing and are subject to change.

Please visit our website: <http://bschool.nus.edu.sg/tabid/192/Default.aspx> or contact us

Tel: 65-6516 4417, Fax: 65-6777 1296; E-mail: bizicl@nus.edu.sg;