Information Systems (IS) Research and IS-PhD Programme

A/P Chuan Hoo TAN
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Information Systems Research

- “effective and efficient utilization of information technology by individuals, groups, organizations, society, and nations for the improvement of economic and social welfare” – Information Systems Research journal editorial statement

- “concerning the development of IT-based services, the management of IT resources, and the use, impact, and economics of IT with managerial, organizational, and societal implications” – MIS Quarterly journal editorial statement
Research Areas

Data Science & Business Analytics
Economics of Information Systems
Digital Innovation in the Service Economy
IS Development & Management
Social Media & Digital Business
Healthcare Informatics
Data Science & Business Analytics

- Big data method and analysis
- The business of business analytics
- Application of big data analytics

Economics of Information Systems

- Network Effect and Externality
- Labor Economics and Productivity
- Pricing and Contract Theory

A/P Khim Yong GOH

A/P Ke Wei HUANG

Assist Prof. Stanley Koh

Assist Prof. Hyelim OH
Digital Innovation in the Service Economy

- IT-enabled Open Innovation Communities
- Crowdsourcing and Crowdfunding
- Human Capital, Innovation, and Entrepreneurship

IS Development & Management

- Information Systems Development and Project Management
- IT and Software Development Outsourcing Management
- Business Value of Cloud Computing

A/P Jungpil HAHN
A/P Chuan Hoo TAN
Shaw Prof. Bernard TAN
Provost Chair Prof. Hock Hai TEO
- Digital Technology Design and Evaluation
- Social Media Value
- Digital Information Privacy

- HIT Landscape and Analytics
- HIT Adoption and Assimilation
- Health 2.0
- Mobile Health

A/P Tuan Quang PHAN

Assist Prof. Nan CHEN

Prof. Atreyi KANKANHALLI

Assist Prof. Shiying LIM
The PhD Programme
Ph.D. Student Placement

Lusi YANG, Assistant Professor, *University of Arizona* (2018)

Yang YANG, Lecturer, *University of Warwick* (2018)

Yang Li, Assistant Professor, *ESSEC Business School* (2007)

Cheng YI, Assistant Professor, *Tsinghua University* (2011)

Chee Wei PHANG, Assistant Professor, *Fudan University* (2008)

Heng XU, Assistant Professor, *Pennsylvania State University* (2006)

Barney TAN, Lecturer, *The University of Sydney* (2012)

Carmen LEONG, Lecturer, *University of New South Wales* (2015)

Hua YE, Lecturer, *University of Auckland* (2012)
Graduate Degree by Research: Doctor of Philosophy (PhD)

Research Scholarships

• Candidate admitted for PhD is given RS for 4 years (subject to satisfactory performance in annual review).
  – If more than 4 years is needed, can be potentially supported by grant/TA etc
• Candidate gets a choice (within 6 months) to choose supervisor from among 30+ faculty members – not tied to any particular supervisor at admission.
• Scholarship is primarily for doing PhD research.

PhD-IS Degree Requirements

• Pass 4 foundation modules + 6 elective modules
• Up to 2 level 5000 modules allowed
• Must obtain B average grade
• Pass PhD Qualifying Exams (18-mth)
• Pass PhD Thesis Proposal + Doctoral Seminar (end 3rd year)
• Pass PhD Defense (typically in 4th year)
For more information

Visit us at http://www.comp.nus.edu.sg/programmes/pg/phdis/

Contact us at phd-info@comp.nus.edu.sg