

Assistant Professor in (Information Security) Risk Management

Nanyang Business School, Nanyang Technological University, Singapore

Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked 13th globally. It is also placed 1st amongst the world's best young universities.

The Division of Banking and Finance of the Nanyang Business School in Singapore is looking for candidates to fill in a tenure-track assistant professor position in the area of Information Security Risk Management. Applicants must have a Ph.D. in Actuarial Science, Computer Science, Economics of Information Security, Statistics, or related discipline. Actuarial qualification is a plus.

We are seeking candidates who are active in research in the following areas:

- Quantification of cyber risk and optimal investment in information security
- Actuarial/statistical models and metrics for vulnerability
- Cyber-insurance and information assurance
- Regulatory compliance and auditing
- Cyber-defense strategy and game theory
- Incentives for information sharing and cooperation

Nanyang Business School is hosting a multi-year Cyber Risk Management Project (CyRiM), which is a Public-Private Partnership between Nanyang Technological University (NTU), the Monetary Authority of Singapore (MAS), the Cyber Security Agency (CSA) of Singapore, and leading global insurance companies. The project aims to bring technology and business approaches together to develop innovative risk management and insurance solutions for corporations through, for instance, optimisation of cybersecurity spending and collective action to counter cyber-crimes. CyRiM provides Nanyang Business School with real-world problems in a variety of industry settings, as well as a fertile ground for new ideas and innovative approaches. The candidate is expected to conduct theoretical and applied research in information security risk measurement and modeling, and to publish in actuarial science, risk management and insurance, cybersecurity and/or related business and finance journals.

The Nanyang Business School is AACSB-accredited and is currently ranked No. 29 in the 2016 Financial Times MBA ranking. We offer excellent support for top quality research, reduced teaching loads for research active faculty, and a substantial start-up grant, provide generous funding to participate in international conferences, and subscribe to WRDS and all of the major databases.

Review of applications will continue until the positions are filled. Only short-listed candidates will be notified for interview process.

Interested individuals are encouraged to e-mail their application package (including Curriculum Vitae, teaching and research statements, and three reference letters) to: Professor Shaun S. WANG, Division of Banking and Finance, Nanyang Business School, Nanyang Technological University, SINGAPORE 639798. Email address: nbs_search@ntu.edu.sg c/o Syafiq Bakar (Mr).