

RGC-supported SPEED Researchers Contribute to Knowledge Development

With a view to encouraging faculty members to enhance their research capability and contribute to knowledge development in related fields of expertise, CPCE supports academic colleagues to actively bid for external research grants. In 2016/17, SPEED successfully secured three research grants from the Research Grants Council (RGC)'s Competitive Research Funding Schemes for the Local Self-financing Degree Sector, with one project funded under the Inter-Institutional Development Scheme (IIDS) and two projects under the Faculty Development Scheme (FDS).

SPEED學者獲研資局支持 藉研究推動知識發展

為提升教員的研究能力，並推動相關學科的知識發展，CPCE支持教員積極申請外界研究資助。2016/17年度，SPEED透過研究資助局的「本地自資學位界別競逐研究資助計劃」成功奪得三項撥款，進行一項跨院校發展計劃（IIDS）及兩項教員發展計劃（FDS）。

IIDS Project

From Social and Environmental Accounting to Sustainability Accounting and Responsible Investment: Emerging Research Agendas

Principal Investigator: Dr Artie Ng, Deputy Director of SPEED

Co-Principal Investigator: Dr Tiffany Leung, Lecturer of SPEED

Co-Investigators: Dr Vincent Law, Lecturer of SPEED, Prof. Ian Thomson of University of Birmingham and Prof. John Ferguson of University of St Andrews, Scotland, the UK

Conducted by SPEED in collaboration with the Centre for Social and Environmental Accounting Research (CSEAR) at the University of St Andrews, Scotland, UK, this project aims to organise a series of workshops, seminars and a regional conference to facilitate scholarly exchange in the academic areas of Social and Environmental Accounting, Sustainability Accounting and Responsible Investment. These events will explore emerging research agendas that are internationally and locally relevant, bringing in the experts from CSEAR's global research network of experienced researchers and pertinent journal publications.

"We are honoured to have established collaborative partnership with CSEAR. Over the past 20 years, CSEAR has been influential in the international development of research agendas in corporate social responsibility (CSR), sustainability accounting and more recently responsible investment. These studies have implications for the formulation of policies and regulations on corporate social disclosures and related professional practices," said Dr Artie Ng, who serves as the Principal Investigator of the project.

Dr Ng indicated that this research project will enable local scholars to build up their research capability and professional knowledge across the disciplines of



Dr Artie Ng (centre), Dr Tiffany Leung (right), and Dr Vincent Law 吳偉昌博士（中）、梁靜嫻博士（右）及羅天昇博士

accounting, finance and management. As a major event of this project, a regional conference will be held in North Asia in early December 2017. Through knowledge exchange, local academics will not only be able to develop their own research agendas, but also enrich their knowledge from an international perspective that underpins teaching.

這項由SPEED與英國蘇格蘭聖安德魯大學轄下的社會及環境會計研究中心（CSEAR）合辦的研究計劃，將針對社會及環境會計、可持續發展會計及責任投資的學術領域，舉辦一系列的工作坊、研討會及區域性會議，藉此推動學術交流。CSEAR與來自世界各地的資深研究員及學術期刊建立了密切的聯繫，令此研究計劃得以匯聚全球專才，探討與本地及國際相關的新興研究議題。

跨院校發展計劃

從社會和環境會計到可持續發展會計及責任投資：當前的研究議程

首席研究員：SPEED副院長吳偉昌博士

首席聯席研究員：SPEED講師梁靜嫻博士

聯席研究員：SPEED講師羅天昇博士、英國伯明翰大學Ian Thomson教授及蘇格蘭聖安德魯大學John Ferguson教授

是項計劃的首席研究員吳偉昌博士說：「我們很榮幸能夠與CSEAR建立合作夥伴關係。過去20年，CSEAR在企業社會責任、可持續發展會計以至新興的責任投資等研究議題的國際發展上發揮著影響力。在制定企業社會責任披露的法規和相關專業守則方面，CSEAR的研究帶來很大的意義。」

吳博士稱，這項研究計劃將幫助本地學者增進研究能力，從而提升在會計、財務及管理方面的專業知識。研究計劃的重點活動之一，是於2017年12月舉辦北亞地區會議，以促進知識交流，幫助本地學者發展研究課題、建立國際視野及鞏固知識，達致推廣教學的目標。

FDS Projects

The Use of Urban Green Spaces (UGS): The Impacts of Perceived UGS Characteristics and Socio-psychological Factors

Principal Investigator: Dr Calvin Wan, SPEED Senior Lecturer

Co-Investigator: Prof. Geoffrey Qiping Shen, Chair Professor of Construction Management, Department of Building and Real Estate and Associate Dean of Faculty of Construction and Environment, PolyU

Urban Green Spaces (UGS) is an essential element in land use planning. Although the HKSAR Government acknowledges the importance and positive aspects of UGS and has instituted planning standards in provision of UGS, Hong Kong currently suffers from inadequate UGS. Existing UGS areas are often small, poorly designed and managed. Some are also located along the road and affected by noise and air pollution. As Hong Kong's physical constraints may limit the provision of large and high-quality UGS, this research project will integrate both the urban design and socio-psychological perspectives to understand UGS usage, and adopt both qualitative interviews and quantitative surveys to examine the key factors influencing the use of UGS. The findings of this study would



Dr Calvin Wan (right) and Prof. Geoffrey Shen 溫家豪博士（右）及沈岐平教授

enable the authorities to better understand the key UGS attributes to be improved and how UGS usage can be encouraged from the socio-psychological perspective.

Design and Implementation of an Induction Programme to Encourage Teachers to Adopt Mobile Phone-based Student Response System

Principal Investigator: Dr Adam Wong, SPEED Lecturer

Co-Investigators: Dr Eric Woo, Senior Lecturer, and Dr Simon Wong, Lecturer of HKCC

Student engagement is crucial to achieving learning outcomes. However, when the teacher asks questions in a lesson, usually only the most confident students will volunteer to answer and engage in discussions. Recently, some researches have been done on the benefits and challenges of using Student Response System (SRS) inside the classroom. In a typical SRS, a small device called Clicker is used to get instantaneous feedback from students. As a numeric keypad slightly larger than a credit card, a Clicker works only with the proprietary software provided by the vendor. As Clickers failed to gain popularity, mobile phone would serve to provide a more flexible and effective way for students to give feedback.

This research project is aimed at designing and implementing an induction programme for teachers to use mobile SRS (mSRS) in order to facilitate effective learning among students. The research activities will range from observations, demonstrations, focus groups, questionnaire surveys to offering assistance inside the classroom.



Dr Adam Wong (2nd from right), Dr Eric Woo (right), Dr Simon Wong (2nd from left), and Ms Lam Tsz-ching, a SPEED alumna who serves as Research Assistant 黃嘉樂博士（右二）、胡建生博士（右）、王志宏博士（左二）及SPEED校友兼研究助理林祉晴小姐

學生的參與是實現學習成果的關鍵。然而，當教師在課堂提問時，往往只有最具自信的學生自願回答問題及參與討論。近年，有學者曾對學生反饋系統（SRS）作出研究，探討實施系統的好處及困難。為收集學生在課堂上的即時反饋，一般SRS使用一種稱為表決器（Clicker）的小型便攜裝置，它以數字鍵組成，體積較信用卡略大；由於表決器

教員發展計劃

都市綠化用地的使用：認知用地特點和社會心理因素的影響

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聯席研究員：理大建築及房地產學系建設管理講座教授兼建設及環境學院副院長沈岐平教授

都市綠化用地是土地規劃的一個重要部分。雖然香港特區政府認同都市綠化用地的必要，亦制定了相關的規劃標準，但本港現仍面對著都市綠化用地不足的問題。現時，香港大部份的都市綠化用地均面積細小，而且缺乏完善設計和管理，有些更分佈在道路旁，受噪音和空氣污染影響。鑒於香港土地資源有限，政府未能提供大面積及高質素的都市綠化用地，因此這項研究計劃將結合城市設計及社會心理學角度，透過訪問及問卷調查，探討都市綠化用地的問題，以及影響使用都市綠化用地的關鍵因素。這項研究的結果，將幫助政府部門更深入了解改善都市綠化用地的方法，並從社會心理學的角度鼓勵市民使用都市綠化用地。

設計及實施一個鼓勵教師使用流動電話學生回饋系統的導入計劃

首席研究員：SPEED講師黃嘉樂博士
聯席研究員：HKCC高級講師胡建生博士及講師王志宏博士

需利用供應商的專用軟件，所以未獲普及採用。相比之下，智能流動電話可以較靈活和有效地收集學生的反饋。

此項研究計劃將針對智能流動電話操作的流動SRS系統，為教師設計及推行一項導入計劃，以期提升學生的學習效率。研究活動包括課堂觀察、示範、焦點小組、問卷調查及課堂支援。