

*Centre of
Interdisciplinary
Research in
Evidence-Based Practice*

*An Interdisciplinary Platform for
Facilitating High Quality Research*

Foreword

Founded in 1971 by Dr. Henry H.L. Hu and Dr. Chung Chi Yung, Hong Kong Shue Yan University was established in response to the acute shortage of tertiary places for local secondary school leavers wanting to apply to university. Since then, it has become a full-fledged institution offering students a comprehensive education that is second to none. Becoming the first private university in Hong Kong in 2006, Shue Yan University continues to push the boundaries of academic excellence.

As Shue Yan University enriches its knowledge base and research culture to become a more research-active institution, the University is always pushing the boundaries of our vocationally oriented academic programs. In that regard, the university is looking to establish research in evidenced-based practice (EBP), an integrative and interdisciplinary approach that aligns accepted practices with scientific evidence. Currently used across a variety of disciplines, such as business management, counselling, education, psychology, public health, and social work, EBP research is a valuable tool which can develop shared and evidence-supported standards.

With support from the Research Grants Council (RGC), the first Institutional Development Scheme (IDS) project (2015–2017) cultivated a much more active research culture in the fundamental sciences. Off the back of this success, Shue Yan University immediately launched its second IDS called the ‘Further Enhancement of Interdisciplinary Research at Hong Kong Shue Yan University Through the Establishment of the Centre of Interdisciplinary Research in Evidence-Based Practice’.

Project Overview

Began in January 2017 by the Centre of Interdisciplinary Research in Evidence-Based Practice (CEBP), the second IDS is a three-year project which aims to increase the breadth and depth of interdisciplinary research, as well as apply its pure findings and knowledge to the University’s vocationally oriented academic programs. By further integrating fundamental and applied science, Shue Yan University looks to forge even more partnerships with the wider community in the process of generating, disseminating, and applying knowledge.

It is hoped that the centre will reinforce the academic standing of the University not only by being a provider of evidence-based education, but also by becoming the leading Hong Kong institution in interdisciplinary research in EBP, as well as an advocate for the implementation of professional standards and an exemplar of best practice.

A diverse project team consisting of academics from the Department of Business Administration, Economics and Finance, Counselling and Psychology, and Social Work was set up to facilitate communication and explore collaboration opportunities. In addition, the CEBP attracts both local and overseas researchers and encourages them to share their cutting-edge research experiences.

The University’s long-term strategic vision for research development can clearly be seen in this IDS project. Furthermore, we hope that these types of initiative will not only improve our production and research capabilities, but also propel Shue Yan University to higher levels of excellence.



Centre of Interdisciplinary Research in Evidence-Based Practice,
Hong Kong Shue Yan University

The mission of the CEBP is to build an interdisciplinary platform that promotes the research and implementation of EBP; and assists with training and education in EBP throughout the university. Equipped with the best hardware and software, the centre is ideally placed to achieve these goals. Moreover, the CEBP aims to give scholars from within as well as outside Shue Yan University the opportunity to gain additional insights, skills, and knowledge from respected academics and accomplished researchers. Supporting evidence-based related activities, the centre provides preliminary administrative support and liaison assistance to teachers, as a way of facilitating closer collaboration with other institutions.

Our Missions



Services

Ideal for a wide-range of audiences, the CEBP runs multiple knowledge exchange activities.

Public Lectures

Renowned experts with extensive backgrounds in conducting large-scale research in EBP across a wide-range of academic fields share their expertise in a series of thought-provoking lectures. These talks look to broaden the horizons of faculty members, as well as inspire further interest in the design and implementation of large-scale EBP studies.

Workshops

A series of in-depth workshops, led by international experts in EBP research methodology and design, help to equip faculty members with the advanced skills and knowledge necessary to conduct interdisciplinary EBP research.



Faculty Training and Development

Aimed at developing awareness, knowledge, skills, on-going growth, and maintaining evidence-based research at the university, a series of internal workshops and evidence-based research programs are held. Newsletters and other printed media about the CEBP, in addition to the latest EBP research findings, are also issued regularly.

Visiting Scholar Scheme

Internationally renowned scholars are invited to Shue Yan University to broaden the horizons of faculty members and inspire interest in the design and implementation of large-scale EBP studies among academics in Hong Kong.

End-of-project Conference

To officially bring to a close the second IDS project, a knowledge dissemination conference will be held. Aimed at giving professional practitioners, as well as educators and students the opportunity to consolidate the EBP learning and research experiences gathered over the course of the three years, the conference also serves to position the university as a key contributor in the research and implementation of EBP. Furthermore, this event allows the CEBP to create a culture of EBP across Hong Kong.

The background of the page features a blurred photograph of a laboratory setting. On the right side, there is a piece of white scientific equipment, possibly a spectrophotometer or a similar analytical instrument, with various ports and a small display. The left side of the image is partially covered by large, semi-transparent teal rectangular blocks. Overlaid on these blocks and the right side of the image are several dark grey rectangular boxes containing white text.

Facilities and Equipment

In addition to organizing various knowledge exchange activities, Hong Kong Shue Yan University has also invested in expanding its infrastructure to enhance its research capabilities.



Centre of Interdisciplinary Research in Evidence-Based Practice

The scope of the centre's research will be extended to create more interdisciplinarity across additional practical subjects. It will, of course, continue to offer knowledge exchange activities and take an active role in advocating research in EBP.



Computer Laboratory

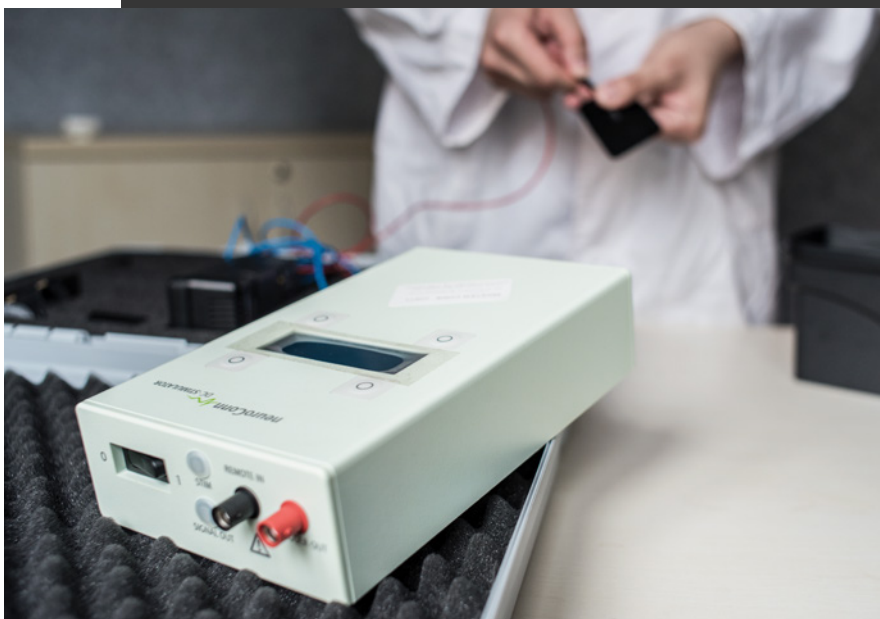
Equipped with more than 20 networked computers, the Computer Laboratory uses the latest research and statistical software for sophisticated data analysis. The lab also offers academics the opportunity to gain hands-on experience with advanced data analysis and research training using the following software:

- 🔗 CATI
- 🔗 SPSS
- 🔗 Mathematica
- 🔗 Mplus
- 🔗 ATLAS.ti
- 🔗 NVivo
- 🔗 Adobe Creative Cloud
- 🔗 MS Office



Physiological Assessment Room

The Physiological Assessment Room has two sets of biofeedback systems used for capturing physiological responses. The whole setup can be used to measure various parameters such as skin conductance, pulse and respiration rates, and electroencephalography. With a wide-range of applications in psychology, clinical research, physical therapy, and primary care, the data gathered can help researchers gain valuable insights into all manner of physiological responses in relation to emotions and decision-making.



Transcranial Direct Current Stimulation Laboratory (tDCS)

The laboratory is equipped with a non-invasive device that applies constant, low transcranial direct current stimulation (tDCS). Relatively portable, the device's versatility makes it ideal for use in a across-a-range of research studies. tDCS is extensively used in behavioural research into decision-making and risk-taking behaviour.



Transcranial Magnetic Stimulation Laboratory (TMS)

The laboratory is equipped with a DuoMAG XT-100 rTMS System with Brainsight® TMS Neuronavigation system that provides focal magnetic stimulation to the brain. Capable of using structural scans from structural and functional magnetic resonance imaging (MRI) to provide highly accurate stimulation to particular areas of the brain, the TMS is widely used in motivation and emotion-related research, making it a useful tool in examining the core concepts of decision-making, negotiation, and persuasion.



Project Website and Online Platform

Built to allow for more effective dissemination of project news and information to the public, the project website (<http://ids.hksyu.edu/cebp>) allows access to Shue Yan University's collection of project deliverables, including activity videos and photos. In addition to being able to register for activities on the website, all manner of useful materials are available for download, such as laboratory manuals and activity handouts. Furthermore, it also enables staff and students to share and use valuable research resources.





EBP Resource Database

The database (<https://ids.hksyu.edu/cebp/resources/database>) enables registered members to search for useful EBP research resources, such as books, journals, and websites etc., among the university's academic community.



EBP Forum

The forum (<https://idsforum.hksyu.edu/>) aims to encourage in-depth and fruitful EBP discussion within the university, as well as with interested outside parties.

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Centre of Interdisciplinary Research in Evidence-Based Practice

Room RLG308, Research Complex,
Hong Kong Shue Yan University,
6 Wai Tsui Crescent, Braemar Hill,
North Point

General Enquiries

Tel +852 2804 8579

Fax +852 2806 8044

Email cebp@hksyu.edu

