

Open House

Poster Board Presentation

- University Research Facility of Data Science and Artificial Intelligence
- University Research Facility of Human Behavioral Neuroscience
- Analytics \ Assessment Research Centre
- Asia Pacific Centre for Leadership and Change
- Knowledge Transfer Sub-office

 IPRRFSS 2024

University Research Facility of Data Science and Artificial Intelligence



Director

Professor XU Guandong

- Director, Centre for Learning, Teaching and Technology (LTTTC)
- Chair Professor, Offices of the President (P)
- Director, University Research Facility of Data Science and Artificial Intelligence (UDSAI)



Projects

01

Artificial Intelligence-based Examination of Mangrove Wetland Dynamics in the Deep Bay Area

- Team: CHENG Jinping, YEUNG Chi Ho, DAI Zhijun

02

Development of OCR Machine Learning Engine for Hong Kong Newspapers and Literary Magazines

- Principal Investigator: Dr YIP Cheuk Wai

03

Integrated Multimodal Artificial Intelligence Framework for Child Care and Education Applications: Developing and Testing the Learning Platform of *WonderBuddy*

- Principal Investigator: Dr YANG Weipeng

04

Computer Vision Empowered Tactile Sensing towards Embodies AI

- Principal Investigator: Dr FU Hong

University Research Facility of Human Behavioral Neuroscience



Director

Professor YUNG, Kin Lam Ken

- Associate Vice President (Research);
Chair Professor of Biology and
Neuroscience
- Director, University Research Facility of
Human Behavioral Neuroscience (UHBN)

Project 1

Flourishing Online and Offline: A Neurobehavioral Perspective of Sleep-wake Behaviors and Social Network Use in Driving Personal and Interpersonal Wellbeing in the Cyberage

- Principal Investigator: Dr LAU Esther Yuet Ying

Project 2

Neural Mechanisms of Speech Perception and Auditory Category Learning in Chinese-English Bilinguals: Evidence from Event-Related Potentials (ERPs)

- Principal Investigator: Dr TONG Xiuhong

Project 3

Interactions of Motivation and Emotion during Executive Control: A Pilot fNIRS Study

- Principal Investigator: YEUNG Kin Chung, Michael

Project 4

Reducing English Major Students' Writing Errors with an Automated Writing Evaluation (AWE) System: Evidence from the Eye-Tracking Technology

- Principal Investigator: Dr FU Hong

Analytics\Assessment Research Centre (ARC)



Director

Professor CHIU Ming Ming

- Director, Analytics\Assessment Research Centre (ARC)
- Chair Professor, Analytics and Diversity

Project 1

Automatic Assessment Score Analysis (AASA): An Easy-to-use, Artificial Intelligence/Statistics System to Assess Students

- Principal Investigator: Professor CHIU Ming Ming

Project 2

Detecting COVID-19 Fake News on Social Media across Four Languages: Followers, Emotions, Relationships, and Uncertainty

- Principal Investigator: Professor CHIU Ming Ming

Project 3

Social Media Analytics Research Teams (SMART)

- Principal Investigator: Professor CHIU Ming Ming



Asia Pacific Centre for Leadership and Change

Directors

Dr QIAN Haiyan



劉鑾雄慈善基金
亞太領導與變革研究中心
The Joseph Lau Luen Hung Charitable Trust
Asia Pacific Centre for Leadership and Change

- Director, The Joseph Lau Luen Hung Charitable Trust Asia Pacific Centre for Leadership and Change (APCLC)
- Associate Professor, Department of Education Policy and Leadership (EPL)

Professor WALKER Allan David

- Adjunct Research Chair Professor, International Educational Leadership
- Co-Director, The Joseph Lau Luen Hung Charitable Trust Asia Pacific Centre for Leadership and Change (APCLC)



Projects

01

Investigating the Occupational Well-being of Hong Kong School Principals and Influential Psychosocial Risk Factors: A Mixed-methods Approach

- Principal Investigator: Dr. CHEN Junjun

02

Promoting Teacher Learning and Improving Instruction: What is the Role of Cross-school Instructional Leadership?

- Principal Investigator: Dr. QIAN Haiyan

03

How Does the IB Middle Years Programme's Capstone Experience Impact Students, Educators, and School Communities?

- Principal Investigators: Dr Darren BRYANT, Dr Ewan WRIGHT

04

Understanding Middle Leadership in Hong Kong Secondary Schools

- Principal Investigator: Dr. Darren BRYANT

Knowledge Transfer Sub-office



Director

Professor CHOW Cheuk-fai Stephen

- Professor (Practice), Department of Science and Environmental Studies (SES)
- Director of Knowledge Transfer, Research and Development Office (RDO)

■ Project 1

Social Robot for English Language Learning among Young Learners

- Principal Investigator: Prof YEUNG Siu Sze Susanna

■ Project 2

An Intelligent Ocular Misalignment Measurement System

- Principal Investigator: Dr FU Hong

■ Project 3

Fall Detection System for Smart City

- Principal Investigator: Dr MUNG Wai Yin