



## *RGC Postdoctoral Fellowship Scheme - List of Awardees (2021/22)*

<b>Awardee*</b>	<b>University</b>	<b>Project Title</b>
Dr BOVINO, Emily Verla	<i>City University of Hong Kong</i>	Taking Care of Those Who Take Care: Cultivating Creative Care with Curatorial Research and Practice in Hong Kong
Dr CAO, Wenling	<i>The Chinese University of Hong Kong</i>	A Forensic Phonetic Investigation of Trilingual Speech in Hong Kong
Dr CHEN, Shu	<i>Hong Kong Baptist University</i>	Circulations of Sounds, Affects and Identities in Cold War Hong Kong
Dr CHUNG, Ka-ki	<i>The Chinese University of Hong Kong</i>	Multi-dimensional Impact of the COVID-19 Pandemic on the Socially Vulnerable Populations: from Local to International
Dr DENG, Qinli	<i>The University of Hong Kong</i>	Neurophysiological Investigation of Implicit Phonological and Semantic Processing of Hong Kong Sign Language in Congenitally Deaf Adult Signers

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Dr FAN, Cuncai	<i>The University of Hong Kong</i>	Radiation Damage Effects in Body-centered-cubic High-entropy Alloys
Dr FANCIULLO, James	<i>Lingnan University</i>	Well-being: What Is It? Who Has It? And How Might We Improve It?
Dr GAO, Mengxia	<i>The University of Hong Kong</i>	Development of Predictive Models of Age-related Neurocognitive Changes: A Machine-learning Approach
Dr GUO, Cui	<i>The Chinese University of Hong Kong</i>	Health Effects of Neighbourhood Walkability in Chinese Adults: Analysis of an Existing Longitudinal Cohort
Dr HUANG, Jianpan	<i>City University of Hong Kong</i>	Develop Deep Learning-based CEST MRI Scheme for Noninvasively Mapping Protein Aggregation in Alzheimer's Disease (AD) Brain

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Dr HUANG, Jing	<i>The Education University of Hong Kong</i>	Socioeconomic Status, Executive Functions, Reading and Writing Performance: A Longitudinal Investigation
Dr HUANG, Lingyun	<i>The University of Hong Kong</i>	Enhancing Teachers' Data-Driven Decision Making in Technology-rich Training Environments
Dr LAO, Hongling	<i>The Education University of Hong Kong</i>	E-Assessment Literacy in Post COVID-19 Education: What, Why, How?
Dr LAU, Shun Fat	<i>The Hong Kong University of Science and Technology</i>	Transcriptional Control of Microglial State Transition in Alzheimer's Disease
Dr LEE, Derek	<i>The University of Hong Kong</i>	Targeting the Mevalonate Pathway as Therapeutic Strategy for Liver Cancer

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Dr LEE, Mei Suet	<i>The Hong Kong University of Science and Technology</i>	Detection and Prevention of Biofilm-protected Bacterial Growth via Photodynamic Killing Using a Natural Red-light Aggregation-induced Emission Luminogen
Dr LI, Qing	<i>The Chinese University of Hong Kong</i>	Prevention of Colorectal Cancer by Probio-Y
Dr LIANG, Guojin	<i>City University of Hong Kong</i>	Developing Ultra-safe and High-performance Flexible Zn-based Battery Based on Halogen Ions
Dr LIN, Francis	<i>City University of Hong Kong</i>	Rationale Design of Active Materials for Organic Photovoltaics with Power Conversion Efficiencies over 20%
Dr LIU, Tao	<i>The Chinese University of Hong Kong</i>	A Framework for Tackling Cooperative Control Problems of Multi-agent Systems with a Nonlinear or Uncertain Leader System

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Dr MAK, Chi To	<i>The Hong Kong Polytechnic University</i>	Investigating Visual Search Strategies and the Role of Attentional Focus during Psychomotor Gait Re-education in Older Adults at Risk of Falling: Implication for Fall Rehabilitation
Dr MIROCHA, Lukasz	<i>Hong Kong Baptist University</i>	Have 3D Environments and the Physical World Converged? An Examination of Emerging Real-time Media Design Techniques for Virtual Production / Filmmaking and Machine Learning / AI
Dr MULVEY, Benjamin Joseph	<i>The Education University of Hong Kong</i>	Student Migrants on the Belt and Road: Shifting Educational Migration Patterns in a Post-pandemic World
Dr OLDAC, Yusuf Iqbal	<i>Lingnan University</i>	The Self-formation of Internationally Mobile Students from Western Parts of the World Studying in Hong Kong
Dr SANTINI, Giovanni	<i>Hong Kong Baptist University</i>	PreSense: A Software for VR/AR Music Making

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Dr TANG, Philip Chiu-tsun	<i>The Chinese University of Hong Kong</i>	Elucidating the Pathogenic Role and Regulatory Mechanism of TAM-CAF Transition in NSCLC at Single-Cell Resolution
Dr TANG, Ling	<i>Hong Kong Baptist University</i>	Between Economy and Emotion: Into the Unknown World of Influencers in China's Digital Media Economy
Dr TANG, Qing	<i>The University of Hong Kong</i>	Taphonomy, Taxonomy, and Paleobiology of the Early Cambrian Hetang Biota: A Window into the Cambrian Explosion
Dr TANG, Xiaopeng	<i>The Hong Kong University of Science and Technology</i>	Efficient and Low-cost Utilisation of Retired Power Batteries: Health-screening and Management
Dr TANG, Xin	<i>The University of Hong Kong</i>	Virus Shielding through Liquid Repellency: Superhydrophobic Strategy against COVID-19

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Dr THIERFELDER, David Philip	<i>The Chinese University of Hong Kong</i>	Orthographic and Phonological Processing in Deaf Readers: A Developmental Study of Hong Kong Bimodal Bilinguals
Dr WANG, Guomin	<i>City University of Hong Kong</i>	Multifunctional Implants with Non-leaching Antibacterial Effects Based on Physical Interaction and Bacterial Sensing Property Based on Electrical Interaction
Dr WANG, Hongfei	<i>City University of Hong Kong</i>	Topological Plasmons for Novel Nanophotonic Devices
Dr WANG, Luyao	<i>Hong Kong Baptist University</i>	How Does the Next Generation Sclerostin Inhibitor (Sclerostin Loop3-specific Aptamer) Work with Both Bone Anabolic Potential and Low Cardiovascular Risk in OI?
Dr WANG, Mengmeng	<i>The Hong Kong Polytechnic University</i>	Research on the Sustainability of Spent Lithium-ion Battery Recycling Technology

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Dr WANG, Xijing	<i>The University of Hong Kong</i>	Microlevel and Macrolevel Antecedents of Nonsexual Forms of Objectification
Dr WONG, Natalie Lok-yee	<i>The Chinese University of Hong Kong</i>	Social Information Processing of Cyberaggression across Age Groups: A Multi-method Approach
Dr WU, Xiandeng	<i>The Hong Kong University of Science and Technology</i>	Communication between Membraneless Compartments and Membrane-bound Organelles
Dr XU, Wanghui	<i>City University of Hong Kong</i>	Slippery Bulk-effect Electricity Generator for Water Kinetic Energy Harvesting: from Fundamental Understanding to Practical Applications
Dr XU, Zhengye	<i>The Education University of Hong Kong</i>	Impacts of Ecological and Psychological Factors on the Association between Embodied Cognition and Literacy Development in Chinese Children

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Dr YAO, Heming	<i>The University of Hong Kong</i>	Extending Transport Modeling towards Complex Nanostructures
Dr YU, Yating	<i>The Hong Kong Polytechnic University</i>	Legitimising a Global Fight for a Shared Future against COVID-19: Implications for Media Organisations and Policymakers
Dr YUAN, Han	<i>The Hong Kong Polytechnic University</i>	Computational Study of Multi-dimensional Smouldering Wildland Fires
Dr ZENG, Huiheng	<i>The Hong Kong Polytechnic University</i>	Framing COVID-19 and Public Panic: A Corpus-based Analysis of Metaphors in Public Discourse in Hong Kong and Mainland China
Dr ZHANG, Yiqi	<i>The Hong Kong University of Science and Technology</i>	Global Burden-sharing of Maritime Shipping Decarbonization

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Dr ZHAO, Jingxin	<i>The Hong Kong Polytechnic University</i>	Constructing 3D Printing High-performance Wearable Energy Storage Devices
Dr ZHENG, Tianyu	<i>The Chinese University of Hong Kong</i>	Design and Applications of Zwitterions as Metal Ligands and Organic Bases for Catalysis
Dr ZHONG, Miao	<i>The Education University of Hong Kong</i>	How and Why Different Practice Schedules Affect Statistics Learning in High- and Low-performing Learners
Dr ZHU, Yanping	<i>The Hong Kong Polytechnic University</i>	Operando Unveiling of Electrochemical CO <sub>2</sub> Reduction for Advancing Design of Next-generation Catalysts
Dr ZHU, Yun'er	<i>City University of Hong Kong</i>	Network Topology and Norm Dynamics: Examining the Spontaneous Emergence and Evolution of Social Norms in Networked Movements

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