

Knowledge Exchange Funding Exercise 2024/25: Strategic Impact Scheme - List of Granted Projects

No.	Faculty/ Units	Project Co-ordinator	Project Title	Strategic Theme(s)
1	Architecture	Professor Joshua BOLCHOVER	Infill Housing: Updating traditional construction and government policy towards the creation of sustainable and seismic resilient communities	Green and Sustainable Energy; Community Engagement for Governance and Law
2	Dentistry	Professor Zhiyi SHAN	Empowering Secondary School Students' Oral Health: Harnessing the Power of 3D Simulations and AI Integration	Health and Medical Technologies; Use of IT in Education
3	Engineering	Professor Edith Cheuk Han NGAI	WaterSmart Hong Kong: Controlling Water Loss and Advancing Sustainable Water Management in Non-domestic Premises through IoT Technologies and Advanced Analytics	Smart Cities
4	Law	Mrs Patricia HO	Mortality and Healthcare Outcomes for Asylum Seekers in Hong Kong: An Analysis of Access and Impact	Community Engagement for Governance and Law
5	Law	Professor Puja Kapai PARYANI	Diversity, Equity, Inclusion, Justice, Belonging Laboratory (DEIJB Lab)	Community Engagement for Governance and Law
6	Medicine	Professor David BISHAI	Preventing Heat-Related Deaths in Hong Kong	Community Engagement for Governance and Law

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7	Medicine	Professor Heidi Ka Ying LO	Mental Health Reaching Out: Accessible Online Psychiatrist-based Support and Whole-of-Community Campaign	Community Engagement for Governance and Law
8	Science	Professor Jetty Chung Yung LEE	Food Waste to Good Taste: Partnership with stakeholders to integrate nutritive food waste into the community	Food Security and Nutrition
9	Social Sciences	Professor Yun Fat LAM	Application of Microclimate Sensor System and Internet of Things (IoT) Technologies for Promotion of Climate Change and Environmental Sustainability related STEAM Education in Hong Kong	Smart Cities; Use of IT in Education; Community Engagement for Governance and Law
10	Techno-Entrepreneurship Core	Ms Ya Hsin SHEN	MedTech Hackathon Hong Kong 2025	Health and Medical Technologies
11	University Museum and Art Gallery	Ms Elena Po Yi CHEUNG	UCurating Labs (UCL)	Use of IT in Education
12	University Museum and Art Gallery	Dr Florian KNOTHE	BiblioVault: Digitalizing the UMAG and HKUP Art Catalogues	Use of IT in Education