THE CHINESE UNIVERSITY OF HONG KONG

Teaching Development and Language Enhancement Grant for 2022-25 Triennium
List of General Teaching Development Projects

No.	Project Title	Principal Supervisor(s) and Faculty/ Department/ Unit	Co-supervisor(s) and Faculty/ Department/ Unit	Theme(s)	Focus Area(s)	Project Duration	Amount Awarded (HK$)
University-level Projects							
Centre for Learning Enhancement And Research (CLEAR)							
1	Review on the 2019 – 22 TDLEG projects – Identifying and Promoting Good Practices and Pedagogies	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research)	--	--	- professional development - curriculum design - student learning and experience	2 years & 5 months (1 Nov 2022 - 31 Mar 2025)	1,444,717
2	Supporting Academic Quality Assurance – Further Enhancement of the Database Management System (uPRDatabase) for Undergraduate Programme Reviews	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research)	Miss CHAN Hoi Chi Mavis (Centre for Learning Enhancement And Research) Mr. WONG Chun Kit Kevin (Centre for Learning Enhancement And Research) Mr. TANG On Lap Marco (Centre for Learning Enhancement And Research)	--	- quality assurance - pedagogy - eLearning	2 years & 5 months (1 Dec 2022 - 30 Apr 2025)	1,534,897
3	Promoting and Sustaining Good Practices and Pedagogies from Two Cycles of Undergraduate Programme Reviews	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research)	Miss CHAN Hoi Chi Mavis (Centre for Learning Enhancement And Research)	--	- quality assurance - pedagogy - professional development	2 years & 5 months (1 Dec 2022 - 30 Apr 2025)	399,056
4	Resources for Teachers on Rapport Building with and among Students	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research)	--	- students taking ownership of their learning	- Others (peer learning) - professional development - teaching and learning activities	1 year & 6 months (1 Jan 2023 - 30 Jun 2024)	541,297
5	Resources for Teachers on Promoting Active Learning and Student Engagement	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research)	Dr. CHEUNG King Chau (Department of Statistics) Dr. FONG Nga Yee Rachel (The Nethsole School of Nursing) Dr. LAW Man Suet Michelle (School of Life Sciences)	- students taking ownership of their learning - development of pedagogical research	- student engagement and student learning needs - survey research and evaluation - professional development	2 year & 3 months (1 Jan 2023 - 31 Mar 2025)	985,770

6	Evaluation of the Revision of the General Education Foundation Programme	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research) Dr. KIANG Kai Ming (Office of University General Education)	Dr. CHENG Wai Pang Damian (Office of University General Education) Dr. CHEUNG Hang Cheong Derek (Office of University General Education) Dr. COLANERO Klaus John Charles (Office of University General Education) Dr. LO Chun Yeung Edwin (Office of University General Education) Dr. NG Ka Leung Andy (Office of University General Education) Dr. YEUNG Yang (Office of University General Education) Professor TAI Pui Kuen Amos (Office of University General Education) Dr. LAI Chi Wai Kevin (Centre for Learning Enhancement And Research) Dr. LI Ming Kenneth (Office of University General Education) Dr. SZETO Wai Man (Office of University General Education) Dr. WU Jun Vivian (Office of University General Education) Dr. YIP Lo Ming Amber (Office of University General Education) Dr. YU Chi Chung Andy (Office of University General Education)	- development of pedagogical research - promoting diversity of language learning - contribution to the 17 SDG - facilitating students to cross knowledge boundaries - development of professional and generic skills - enhancing global readiness of students - promotion of attitudes and values - encouraging students to make contributions	- survey research and evaluation - pedagogy - curriculum design	2 years & 2 months (1 Jan 2023 - 28 Feb 2025)	1,355,768
7	Further Development and Evaluation of the Core Courses on Computational Thinking and Digital Literacy	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research) Mr. FUNG Ping Fu Michael (Department of Computer Science and Engineering) Dr. LAW Yat Chiu (Department of Computer Science and Engineering)	Dr. SUM Kwok Wing Anthony (Centre for Learning Enhancement And Research) Professor LEE Pak Ching Patrick (Department of Computer Science and Engineering) Dr. CHAU Chuck Jee (Department of Computer Science and Engineering) Dr. CHEONG Chi Hong (Department of Computer Science and Engineering) Mr. CHEUNG Yuk Kin Jackey (Department of Computer Science and Engineering) Dr. CHUI Yim Pan Wystan (Department of Computer Science and Engineering) Dr. JIANG Yuli (Department of Computer Science and Engineering) Dr. KAM Ho Chuen (Department of Computer Science and Engineering) Mr. KEUNG Wai Yiu (Department of Computer Science and Engineering) Dr. LAM King Tin (Department of Computer Science and Engineering) Mr. MAK Wai Ho Wallace (Department of Computer Science and Engineering) Dr. SUM Kwok Wing Anthony (Department of Computer Science and Engineering) Dr. QURESHI Umair Mujtaba (Department of Computer Science and Engineering)	- enhancing global readiness of students - development of professional and generic skills	- survey research and evaluation - pedagogy - curriculum design	1 years & 6 months (1 Sep 2022 - 29 Feb 2024)	1,622,594

		Mr. TSANG Siu Chung Colin (Department of Computer Science and Engineering) Dr. YU Michael Ruisi (Department of Computer Science and Engineering) Dr. KIANG Kai Ming (Office of University General Education) Dr. SZETO Wai Man (Office of University General Education) Dr. LAI Chi Wai Kevin (Office of University General Education) Dr. LO Chun Yeung Edwin (Office of University General Education)				
8	Developing An Online Self-learning Course for CUHK Students to Strengthen Their Basic and Subject-specific Research Skills	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research) Ms. KO Yu Lily (CUHK Library)	Ms. CHAN Kwan Yi Bernice (CUHK Library) Mr. KWOK Fong Ting Seth (CUHK Library)	- students taking ownership of their learning - deepening VTL adoption - development of professional and generic skills	- eLearning - teaching and learning activities - student engagement and student learning needs	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	1,304,982
9	Interactions and Active Learning in the New Normal: uReply for Blended Learning	Professor LAM Lai Chuen Paul (Centre for Learning Enhancement And Research)	Mr. WONG Chun Kit Kevin (Centre for Learning Enhancement And Research)	- development of pedagogical research - deepening VTL adoption - addressing students' special education needs	- eLearning - online/blended teaching and assessment - assessment	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	2,525,684
10	Teaching and Learning Community of Practice (T&L CoP): Consolidation Together with Extension to Address Teachers' Pedagogical Research Needs	Professor LAM Lai Chuen Paul (Centre for Learning Enhancement And Research)	Dr. HWANG Shui Shan Isabel (School of Biomedical Sciences) Dr. KU Kei Tat Fred (Department of Decisions, Operations and Technology) Professor LAU Sin Nga Ann (School of Biomedical Sciences) Dr. WONG Kwan Kit Frankie (Department of Geography and Resource Management) Professor WONG Wai Tat (Department of Anaesthesia and Intensive Care) Ms. LIN Hiu Yi Vienne (Centre for Learning Enhancement And Research)	- development of community-engaged learning - development of pedagogical research - deepening VTL adoption	- professional development - pedagogy - teaching and learning activities	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	1,390,270
11	The Impact of Universal Design Learning Model on Inclusive Education at CUHK	Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research)	Professor LAM Yu Hin Gary (Department of Educational Psychology)	- addressing students' special education needs - promotion of attitudes and values - development of professional and generic skills - contribution to the 17 SDG	- students with special education needs (SEN) - curriculum design - student engagement and student learning needs	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	655,563

12	Students-as-Partners (SaP) Model in Teaching and Learning at CUHK	Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research)	Professor CHAI Ching Sing (Department of Curriculum and Instruction) Professor Ronnel King (The University of Hong Kong) Professor Kelly E. Matthews (University of Queensland)	- engagement of students as partners - students taking ownership of their learning - promotion of attitudes and values - development of professional and generic skills - encouraging inter-institutional collaborations - contribution to the 17 SDG	- engagement of students in teaching and teaching development - student engagement and student learning needs - teaching and learning activities	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	853,668
13	Pedagogical and Assessment Support for Service-learning Programme	Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research)	Professor CHAI Ching Sing (Department of Curriculum and Instruction) Professor Ronnel King (The University of Hong Kong)	- development of community-engaged learning - development of pedagogical research - engagement of students as partners - facilitating students to cross knowledge boundaries - encouraging students to make contributions - promotion of attitudes and values	- development of framework/criteria to facilitate collaboration between the formal- and non-formal learning - curriculum design - quality assurance	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	698,163
14	Academic Advising Support for Teachers at CUHK	Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research)	Professor CHAI Ching Sing (Department of Curriculum and Instruction) Professor CHUI Harold TY (Department of Educational Psychology) Professor Ronnel King (The University of Hong Kong)	- promotion of attitudes and values - addressing students' special education needs - development of professional and generic skills - enhancing global readiness of students - contribution to the 17 SDG	- academic advising - professional development - students with special education needs (SEN)	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	775,630
Office of University General Education							

No.	Project Title	Project Coordinator	Team Members	Project Objectives	Areas	Duration	Funded Amount (HK$)
15	Advancing Sustainability Education at CUHK and Beyond via General Education and Cross-sector Synergy	Professor TAI Pui Kuen Amos (Office of University General Education) Dr. LI Ming Kenneth (Office of University General Education)	Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research) Dr. MUI Wai Ho Lancelot (The Jockey Club School of Public Health and Primary Care) Dr. TANG Wai Man Wyman (Department of Anthropology) Dr. WONG Yu Hin Sampson (Office of University General Education)	- contribution to the 17 SDG - facilitating students to cross knowledge boundaries - promotion of attitudes and values - encouraging students to make contributions - development of community-engaged learning - enhancing global readiness of students - development of professional and generic skills - encouraging inter-institutional collaborations - internationalization at home	- curriculum design - general education - experiential learning	2 years & 5 months (1 Dec 2022 - 30 Apr 2025)	1,932,040
16	An Online Bilingual Glossary in Support of Language Alignment in General Education Foundation (GEF) Classes	Dr. PANG Kam Moon (Office of University General Education)	Professor LEE Hun Tak Thomas (Office of University General Education) Dr. WONG Wing Hung (Office of University General Education) Dr. HO Wai Ming (Office of University General Education) Dr. LAM To Kam Cherry (Office of University General Education) Dr. LIU Yanchen (Office of University General Education) Dr. CHAO Lip Yan Felix (Independent Learning Centre)	- facilitating students to cross knowledge boundaries - promoting diversity of language learning - promotion of attitudes and values - deepening VTL adoption - students taking ownership of their learning - engagement of students as partners	- language enhancement - eLearning - general education	2 years & 7 months (1 Oct 2022 - 30 Apr 2025)	669,518
17	A Mentor-assisted Study Scheme (MASS)	Dr. WONG Wing Hung (Office of University General Education)	Professor LEE Hun Tak Thomas (Office of University General Education) Miss FUNG Sue Man Sue (CUHK Library) Dr. HO Wai Ming (Office of University General Education) Dr. HOI Wan Heng Sandy (Office of University General Education) Dr. CHAO Lip Yan Felix (Independent Learning Centre)	- students taking ownership of their learning - deepening VTL adoption - promotion of attitudes and values - development of professional and generic skills - promoting diversity of language learning - engagement of students as partners - addressing students' special education needs	- language enhancement - general education - teaching and learning activities	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	585,500

18	Developing An Inter-faculty Collaborative Experiential Program to Foster Students' Science Communication Skills	Dr. CHEUNG Hang Cheong Derek (Office of University General Education) Dr. LO Chun Yeung Edwin (Office of University General Education) Dr. NG Ka Leung Andy (Office of University General Education) Professor SHAW Pang Chui (School of Life Sciences) Professor CHUI Pui Yi Apple (School of Life Sciences) Professor TAI Pui Kuen Amos (Earth and Environmental Sciences Programme)	Dr. NGAI Hung Kui Patrick (School of Life Sciences) Professor LAI Yuk Fo Derrick (Department of Geography and Resource Management)	- engagement of students as partners - development of professional and generic skills - students taking ownership of their learning - facilitating students to cross knowledge boundaries - contribution to the 17 SDG	- engagement of students in teaching and teaching development - student learning and experience - general education	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	876,423
19	A Compendium of Introductions and Reading Guides to the Revised Course Books for *In Dialogue with Humanity* and *In Dialogue with Nature*	Dr. HO Wai Ming (Office of University General Education)	Professor LEE Hun Tak Thomas (Office of University General Education) Dr. WONG Wing Hung (Office of University General Education) Mr. SEE Mike Noi Fei (English Language Teaching Unit) Dr. PANG Kam Moon (Office of University General Education) Dr. GAO Xin (Office of University General Education) Dr. CHAO Lip Yan Felix (Independent Learning Centre)	- addressing students' special education needs - facilitating students to cross knowledge boundaries - promotion of attitudes and values - promoting diversity of language learning - development of professional and generic skills - encouraging inter-institutional collaborations - contribution to the 17 SDG	- general education - language enhancement - student engagement and student learning needs	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	505,464

Others

20	Designing and Implementing a Technical Framework for Credit-Bearing Courses at CUHK	Professor KING Irwin Kuo Chin (Department of Computer Science and Engineering)	--	- deepening VTL adoption - development of professional and generic skills	- online/blended teaching and assessment - eLearning - teaching and learning activities	2 years & 7 months (1 Oct 2022 - 30 Apr 2025)	786,000
21	Course Recommendation and Course Optimization System for Lifelong Learning	Professor KING Irwin Kuo Chin (Department of Computer Science and Engineering)	--	- facilitating students to cross knowledge boundaries - deepening VTL adoption - students taking ownership of their learning - internationalization at home	- eLearning - student learning and experience - others (course recommendation system on KEEP Course platform)	2 years & 7 months (1 Oct 2022 - 30 Apr 2025)	1,228,500

22	The Readiness of Metaverse in Pedagogical Approach for Tertiary Education	Dr. TANG Mei Kuen Florence (School of Biomedical Sciences)	Professor LAU Sin Nga (School of Biomedical Sciences) Dr. SINGH Kanchan Rao (School of Biomedical Sciences) Professor WONG Cho Lee Jojo (The Nethersole School of Nursing) Professor CHEUNG Pak Hang Peter (Department of Chemical Pathology) Dr. LI Yuk Man Charis (School of Life Sciences) Professor Jason CHAN (The Hong Kong University of Science and Technology) Professor Olivia NGAN (The University of Hong Kong) Mr. LEE Mau Fung Ray (Information Technology Services Centre) Mr. TANG Lik Hang Taylor (Information Technology Services Centre) Ms. Charlotte CHEUNG (MBChB - student) Ms. S.K. CHUI (MBChB - student) Mr. Daniel PANG (School of Biomedical Sciences - student)	- development of professional and generic skills - development of pedagogical research - encouraging inter-institutional collaborations	- pedagogy - framework to facilitate formal- and non-formal learning collaboration - student engagement and student learning needs	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	815,776
23	Sustainable Tourism Planning Games for Cross-disciplinary and Territory Knowledge Sharing and Student Engagement	Professor CHAN Chung Shing (Department of Geography and Resource Management)	Professor MARAFA Lawal Mohammed (Department of Geography and Resource Management) Professor LEE Fung Harry (Department of Geography and Resource Management) Dr. CHIU Hon Chim (Department of Geography and Resource Management) Dr. MA George S K (Social Responsibility and Sustainable Development Office) Professor CHEUNG Ting On Lewis (The Education University of Hong Kong) Professor LO Ka Wing Sally (Caritas Institute of Higher Education) Professor AGAPITO, Dora (Universidade do Algarve)	- facilitating students to cross knowledge boundaries - deepening VTL adoption - encouraging inter-institutional collaborations - engagement of students as partners - contribution to the 17 SDG - promotion of attitudes and values	- teaching and learning activities - student engagement and student learning needs - eLearning	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	781,351
Faculty-level Projects							
Faculty of Business Administration							

24	Building An Inter-institutional and Inter-disciplinary Community-engaged Learning Hub: Baccalaureate Education for Social Good (BESGO)	Dr. KU Kei Tat Fred (Department of Decisions, Operations and Technology) Dr. WONG Tik Lun Franko (Centre for Learning Enhancement And Research)	Dr. YUEN Chi Lok Andrew (Department of Decisions, Operations and Technology) Dr. AU YEUNG Chau Kin Anson (Department of Finance) Dr. LEUNG Hang Yee Rosette (Department of Marketing) Dr. HO Kin Yan Irene (Department of Management) Professor LAU Sin Nga (School of Biomedical Sciences) Professor WONG Wing Tak Jack (School of Life Sciences) Professor LAM Lai Chuen Paul (Centre for Learning Enhancement And Research) Ms. LAU Ka Man Carmen (Centre for Learning Enhancement And Research) Ms. LIN Hiu Yi Vienne (Centre for Learning Enhancement And Research) Mr. HO Chi Lok Eric (Department of Economics) Dr. Meike SAUERWEIN (The Hong Kong University of Science and Technology) Professor LEUNG Chu Chi (National Chiayi University) Professor Jiangliang JIN (Donghua University)	- promotion of attitudes and values - development of community-engaged learning - development of professional and generic skills - encouraging students to make contributions - contribution to the 17 SDG - facilitating students to cross knowledge boundaries - encouraging inter-institutional collaborations	- teaching and learning activities - experiential learning - offering of formal/and non-formal community-engaged	2 years & 5 months (1 Dec 2022 - 30 Apr 2025)	999,450
Faculty of Engineering							
25	An AI-enhanced Adaptive and Individualized eLearning System for Mathematics Foundation Courses in the Faculty of Engineering	Dr. HAN Dongkun (Department of Mechanical and Automation Engineering) Professor LEE Tan (Department of Electronic Engineering)	Mr. YIP Kim Fung Frankie (Department of Electronic Engineering) Dr. TSANG Ho Tak (Department of Systems Engineering and Engineering Management) Professor CHEN Benmei (Department of Mechanical and Automation Engineering) Professor WAI Hoi To (Department of Systems Engineering and Engineering Management) Professor LONG Zhuoyu Daniel (Department of Systems Engineering and Engineering Management)	- addressing students' special education needs - students taking ownership of their learning - deepening VTL adoption	- eLearning - student engagement and student learning needs - engagement of students in T&TD	2 years & 5 months (1 Dec 2022 - 30 Apr 2025)	940,461
Faculty of Medicine							

26	Blended Learning UGE Course on United Nations Sustainable Development Goals and Health	Professor HUNG Kei Ching Kevin (Accident and Emergency Medicine Academic Unit)	Professor GRAHAM Colin Alexander (Accident and Emergency Medicine Academic Unit) Professor CHAN Ying Yang Emily (The Jockey Club School of Public Health and Primary Care) Mr. WONG Chi Shing (The Jockey Club School of Public Health and Primary Care) Ms. MOK Pui Yin Catherine (Accident and Emergency Medicine Academic Unit) Miss CHOI Tsz Yan Yelly (MBChB - Year 4 student)	- contribution to the 17 SDG - facilitating students to cross knowledge boundaries - development of community-engaged learning - deepening VTL adoption - engagement of students as partners - students taking ownership of their learning - development of professional and generic skills - promotion of attitudes and values - encouraging students to make contributions	- online/blended teaching and assessment - general education - student engagement and student learning needs	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	736,171
27	Impact of Interprofessional Education on Teachers' Mindsets and Students' Competency and Graduate Attributes	Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research)	Professor WONG Yeung Shan Samuel (Facuty of Medicine) Dr. LAU Sin Nga Ann (Faculty of Medicine) Professor Carmen Wong (Faculty of Medicine) Professor Wong Wai Tat (Faculty of Medicine) Professor LO Hoi Shan Suzanne (The Nethersole School of Nursing) Professor Sylvia LANGLOIS (University of Toronto)	- development of community-engaged learning - encouraging students to make contributions - development of professional and generic skills - promotion of attitudes and values - encouraging inter-institutional collaborations - contribution to the 17 SDG	- pedagogy - experiential learning - professional development	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	582,615
28	Development of Professional Putonghua for Medical and Healthcare Settings	Professor Carmen Wong (Faculty of Medicine) Ms. LIU Zhenxia (Yale-China Chinese Language Centre)	Professor WONG Yeung Shan Samuel (Faculty of Medicine) Mr. LI Chunpu (Yale-China Chinese Language Centre)	- promoting diversity of language learning - development of professional and generic skills - enhancing global readiness of students - facilitating students to cross knowledge boundaries - development of community-engaged learning - encouraging students to make contributions	- language enhancement - professional development - teaching and learning activities	2 years (1 Jan 2023 - 31 Dec 2024)	494,558

29	Enhancing Teaching and Learning of Medical Professionalism	Professor WONG Wai Tat (Department of Anaesthesia and Intensive Care) Professor LING Lo Well Lowell (Department of Anaesthesia and Intensive Care)	Dr. SUN Sihan Chelsea (CUHK Centre for Bioethics) Professor FUTABA Kaori (Department of Surgery) Professor SO Ho (Department of Medicine and Therapeutics) Professor ONG Michael Tim Yun (Department of Orthopaedics and Traumatology) Professor SO Tiffany Yuen-Tung (Department of Imaging and Interventional Radiology)	- promotion of attitudes and values - contribution to the 17 SDG - encouraging students to make contributions - engagement of students as partners	- teaching and learning activities - professional development - student engagement and student learning needs	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	226,885
30	Interdisciplinary Blockchain Education: Development and Deployment in the Faculties of Law, Medicine and the Business School	Dr. SEE Christopher (School of Biomedical Sciences) Professor BRELÉN Mårten Erik (Department of Ophthalmology and Visual Sciences)	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research) Professor TSOI Kam Fai Kelvin (The Jockey Club School of Public Health and Primary Care) Professor MIK Eliza (Faculty of Law) Professor CHEW Seen Meng (Department of Finance)	- facilitating students to cross knowledge boundaries - deepening VTL adoption - development of pedagogical research	- eLearning - student learning and experience - teaching and learning activities	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	734,251
31	"CHIM3DERA" – An Interactive Student-lead Dissection Workshop and a 3D Scanned Specimen Model Platform to Enhance Interdisciplinary Peer-learning of Anatomy and Acupuncture	Dr. WONG Wai Kai (School of Biomedical Sciences) Dr. POON Hong Kit Sam (School of Biomedical Sciences) Professor WANG Qian (School of Chinese Medicine) Ms. HUNG Hing Yu (School of Chinese Medicine)	--	-facilitating students to cross knowledge boundaries - engagement of students as partners - students taking ownership of their learning - development of professional and generic skills - deepening VTL adoption	- others (inter-disciplinary professional development between Chinese and Western Medicine, enhance community of practice in healthcare) - student engagement and student learning needs - engagement of students in teaching and teaching development	2 years & 5 months (1 Dec 2022 - 30 Apr 2025)	927,860

32	Enhancing Empathic Ability and Moral Awareness in Bioethics Learning: A Case-based Approach	Dr. SUN Sihan Chelsea (CUHK Centre for Bioethics) Professor WONG Yeung Shan Samuel (The Jockey Club School of Public Health and Primary Care) Professor NGAN Miu Yung Olivia (HKU) Dr. HWANG Shui Shan Isabel (School of Biomedical Sciences) Professor WONG Wai Tat (Department of Anaesthesia and Intensive Care)	Professor NELSON Edmund Anthony Severn (School of Medicine, CUHK-Shenzhen) Dr. SINGH Kanchan Rao (School of Biomedical Sciences) Ms. ZHU Sophia (MBChB - Year 3 student) Mr. CHEN Xin Yuan Victor (MBChB - Year 3 student)	- promotion of attitudes and values - encouraging students to make contributions - engagement of students as partners - enhancing global readiness of students - students taking ownership of their learning - encouraging inter-institutional collaborations - development of professional and generic skills - development of community-engaged learning - contribution to the 17 SDG	- engagement of students in teaching and teaching development - eLearning - teaching and learning activities	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	166,701
33	Development of an Innovative eLearning Package to Facilitate Learning of Radiographic Assessment of Lines and Tubes and Their Potential Complications – Implementing Artificial Intelligence (AI) and Game-based Learning	Professor SO Tiffany Yuen-Tung (Department of Imaging and Interventional Radiology)	Professor CHOW Ka Ming (The Nethersole School of Nursing) Professor DOU Qi (Department of Computer Science and Engineering) Professor NG Shek Nam Marques (The Nethersole School of Nursing) Professor FUTABA Kaori (Department of Surgery) Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research) Professor KING Ann Dorothy (Department of Imaging and Interventional Radiology) Dr. SIM Man Fai Victor (Kai Chong Tong Clinical Skills Learning Centre) Professor Wong Wai Tat (Department of Anaesthesia and Internsive Care)	- facilitating students to cross knowledge boundaries - development of professional and generic skills - students taking ownership of their learning	- eLearning - student learning and experience - engagement of students in teaching and teaching development	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	626,436
34	Virtual Reality-Based Interactive Simulator of Clinical Teaching (VR-ISCT) for the Assessment and Management of Medical Patients	Professor YAN Ping Yen Bryan (Department of Medicine and Therapeutics)	Professor TAN Guang Ming (Department of Medicine and Therapeutics) Dr. CHAN Ka Pang (Department of Medicine and Therapeutics) Professor KONG Pik Shan Alice (Department of Medicine and Therapeutics) Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research) Professor CHAIR Sek Ying (The Nethersole School of Nursing)	- deepening VTL adoption - addressing students' special education needs - students taking ownership of their learning - development of professional and generic skills - engagement of students as partners	- eLearning - student learning and experience - student engagement and student learning needs	2 years & 3 months (1 Jan 2023 - 31 Mar 2025)	932,084

35	Implementation of Interprofessional Education with Team-based Simulation Training and Online Interactive Discussion	Professor CHOW Ka Ming (The Nethersole School of Nursing)	Professor WONG Carmen (The Jockey Club School of Public Health and Primary Care) Professor WONG Yeung Shan Samuel (The Jockey Club School of Public Health and Primary Care) Dr. SIM Man Fai Victor (Kai Chong Tong Clinical Skills Learning Centre) Dr. LAM Tai Ning Teddy (School of Pharmacy)	- engagement of students as partners - students taking ownership of their learning - facilitating students to cross knowledge boundaries - development of professional and generic skills	- pedagogy - teaching and learning activities - curriculum design	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	417,111
36	Integrating Ophthalmology Education in Multiple Specialties with e-learning Materials, Interdisciplinary Collaboration, and Service-Learning Opportunities for Medical Students	Professor CHAN Pui Man Poemen (Department of Ophthalmology and Visual Sciences)	Professor SO Ho (Department of Medicine and Therapeutics) Professor LEUNG Sze Yin Agnes (Department of Paediatrics) Professor LEE Kam Pui Eric (The Jockey Club School of Public Health and Primary Care) Professor Carmen Wong (The Jockey Club School of Public Health and Primary Care) Professor BRELEN Marten Erik (Department of Ophthalmology and Visual Sciences) Professor YAM Cheuk Sing Jason (Department of Ophthalmology and Visual Sciences) Professor CHEN Lijia Guy (Department of Ophthalmology and Visual Sciences) Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research) Professor CHAN David Yuen Chung (Department of Surgery)	- deepening VTL adoption - facilitating students to cross knowledge boundaries - addressing students' special education needs - development of pedagogical research - development of professional and generic skills - promotion of attitudes and values - development of community-engaged learning - engagement of students as partners - students taking ownership of their learning - encouraging students to make contributions - contribution to the 17 SDG - encouraging inter-institutional collaborations - promoting diversity of language learning - enhancing global readiness of students - internationalization at home	- eLearning - student engagement and student learning needs - offering community-engaged courses/ activities	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	995,955
Faculty of Science							
37	Interactive Geographic Information System (GIS) Web App of Campus Plant Learning in CUHK	Dr. LAU Tai Wai David (School of Life Sciences)	Mr. WONG Tin Hang (School of Life Sciences) Mr. WANG Ho Lam (School of Life Sciences)	- development of professional and generic skills - deepening VTL adoption - contribution to the 17 SDG	- eLearning - student engagement and student learning needs - student learning and experience	2 years & 7 months (1 Oct 2022 - 30 Apr 2025)	296,901

No.	Project Title	Project Leader	Co-investigator(s)	Project Objectives	Areas	Duration	Amount (HK$)
38	Dr. Ray's Wonderland of Virtual Reality ~the Olympic Games for Science, Biolab Safety and Animal Ethics Education	Dr. LO Fai Hang (School of Life Sciences) Dr. NGAI Hung Kui Patrick (School of Life Sciences)	Dr. LEUNG Kwan Chi (School of Chinese Medicine)	- deepening VTL adoption - addressing students' special education needs - development of professional and generic skills	- eLearning - student engagement and student learning needs - general education	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	698,393

Faculty of Social Science

No.	Project Title	Project Leader	Co-investigator(s)	Project Objectives	Areas	Duration	Amount (HK$)
39	Data-Driven Urban Studies – Advanced Techniques for Analysing Complex Urban Data and Processes	Professor van AMEIJDE Jeroen (School of Architecture)	Professor MO Kar Him (School of Architecture) Professor TIEBEN Hendrik (School of Architecture)	- facilitating students to cross knowledge boundaries - development of professional and generic skills - development of community-engaged learning - contribution to the 17 SDG - deepening VTL adoption - development of pedagogical research	- offering community-engaged courses/activities - curriculum design - online/blended teaching and assessment	1 year & 1 month (1 Dec 2022 - 31 Dec 2023)	215,800

Department-level Projects

Faculty of Arts

No.	Project Title	Project Leader	Co-investigator(s)	Project Objectives	Areas	Duration	Amount (HK$)
40	Programming for Humanists Course Design	Professor MCMANUS Stuart Michael (Department of History)	--	- facilitating students to cross knowledge boundaries - development of professional and generic skills - students taking ownership of their learning	- curriculum design - pedagogy - teaching and learning activities	1 year & 7 months (1 Jan 2023 - 31 Jul 2024)	311,144
41	Engaging with the Community While at Home: Online Linguistic Fieldwork in the Greater Bay Area	Mr. CHEN Zhuo (Department of Linguistics and Modern Languages)	Dr. HUANG He (Fudan University) Professor TORRENCE Harold (University of California, Los Angeles)	- students taking ownership of their learning - deepening VTL adoption - encouraging students to make contributions - development of community-engaged learning - promoting diversity of language learning - internationalization at home	- online/blended teaching and assessment - engagement of students in teaching and teaching development - language enhancement	10 months (1 Mar 2023 - 31 Dec 2023)	125,470

No.	Project Title	Project Leader	Project Team Members	Goals	Focus Areas	Duration	Amount
42	Identification of Key Aspects in Spanish Conversation Turn Taking and Giving and Its Teaching	Dr. GARCIA SUSPERREGUI Antonio Ramon (Department of Linguistics and Modern Languages)	Dr. CARRACEDO MANZANERA Celia (Department of Linguistics and Modern Languages) Dr. Mario MONTERRUBIO GAÑAN (Department of Linguistics and Modern Languages) Dr. VICENTE RASOAMALALA Leticia (Department of Linguistics and Modern Languages)	- promoting diversity of language learning - engagement of students as partners - development of pedagogical research - enhancing global readiness of students - encouraging students to make contributions	- language enhancement - outcomes-based approach (OBA) - curriculum design	2 years (1 Jan 2023 - 31 Dec 2024)	112,568
43	German Culture and Language Learning in the Metaverse	Mr. KLING Alexander Markus (Department of Linguistics and Modern Languages)	Ms. FROMEL Annette Josefa Maria (Department of Linguistics and Modern Languages) Mr. ESCH Bernd (Department of Linguistics and Modern Languages)	- internationalization at home - enhancing global readiness of students - promoting diversity of language learning - deepening VTL adoption - engagement of students as partners - development of pedagogical research	- experiential learning - eLearning - language enhancement	2 years & 7 months (1 Oct 2022 - 30 Apr 2025)	298,550
Faculty of Engineering							
44	Learning Robotics with Mixed Reality: An Evaluation Study	Professor LAU Tat Ming Darwin (Department of Mechanical and Automation Engineering) Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research)	Professor LEE Ho Man Jimmy (Department of Computer Science and Engineering) Dr. SUM Kwok Wing Anthony (Centre for Learning Enhancement And Research)	- deepening VTL adoption - development of pedagogical research	- survey research and evaluation - eLearning - pedagogy	1 year & 3 months (1 Jan 2023 - 31 Mar 2024)	339,237
Faculty of Medicine							
45	A One-Stop Engine for Examination and Item Analysis Databank (Platform ExMIA) for Quality Assurance and Enhanced Assessments	Dr. LAU Sin Nga (School of Biomedical Sciences) Dr. HWANG Shui Shan Isabel (School of Biomedical Sciences)	Dr. LAU Wing Sze Josephine (School of Biomedical Sciences) Dr. WAI Sen Mun Maria (School of Biomedical Sciences) Dr. WONG Pui Man Molly (School of Biomedical Sciences) Dr. YEUNG Hang Mee (School of Biomedical Sciences) Mr. YUNG Lik Kin Alex (Faculty and Planning Office, Faculty of Medicine) Dr. JIN Yan (Faculty and Planning Office, Faculty of Medicine)	- contribution to the 17 SDG - development of professional and generic skills - enhancing global readiness of students - development of pedagogical research	- assessment - quailty assurance - professional development	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	499,224
46	Beyond Text-only AI Chatbots: the Digital Avatar Learning Environment for Human Anatomy	Dr. SEE Christopher (School of Biomedical Sciences) Professor CHEUNG Chi Kwan Vincent (School of Biomedical Sciences)	Dr. HWANG Shui Shan Isabel (School of Biomedical Sciences)	- deepening VTL adoption - engagement of students as partners	- eLearning - student learning and experience - online/blended teaching and assessment	2 years & 5 months (15 Nov 2022 - 30 Apr 2025)	500,000

No.	Project Title	Project Leader	Project Team Members	Focus Areas	Theme-based Areas	Duration	Amount (HK$)
47	Interactive Medical History Taking and Communication Practice for Medical Students Using an Autoresponder Messaging Platform	Professor TAN Guangming (Department of Medicine and Therapeutics)	Professor YAN Ping Yen Bryan (Department of Medicine and Therapeutics) Dr. CHAN Ka Pang (Department of Medicine and Therapeutics) Professor KONG Pik Shan Alice (Department of Medicine and Therapeutics)	- deepening VTL adoption - development of professional and generic skills - students taking ownership of their learning - engagement of students as partners	- eLearning - online/blended teaching and assessment - student learning and experience	1 year & 6 months (1 Jan 2023 - 30 Jun 2024)	273,785
48	Use of Multiple-choice Question Writing to Engage Nursing Students in Deep Learning and Develop Higher-order Thinking Skills	Professor TANG Wing Ki Fiona (The Nethersole School of Nursing)	Professor CHENG Ho Yu (The Nethersole School of Nursing) Professor LO Wai Sze Sally (The Nethersole School of Nursing)	- students taking ownership of their learning - development of pedagogical research - engagement of students as partners	- pedagogy - engagement of students in teaching and teaching development - curriculum design	1 year & 9 months (1 Jan 2023 - 30 Sep 2024)	352,784
Faculty of Science							
49	Enriching and Sustaining Quest2Learn: An Integrated Smartphone-based Augmented Reality Platform for Gamification of Laboratory Techniques	Dr. CHAN Ka Long Donald (Department of Chemistry)	Dr. LO Chui Man (Department of Chemistry)	- deepening VTL adoption - engagement of students as partners - internationalization at home - development of professional and generic skills	- eLearning - student engagement and student learning needs - engagement of students in T&TD	1 year & 10 months (1 Jul 2023 - 30 Apr 2025)	482,990
50	Engaging Postgraduate Students in Developing Virtual Teaching and Learning (VTL) Approaches to Facilitate Their Learning of the Latest Scientific Discoveries and Most Advanced Experimental Techniques	Professor JIANG Liwen (School of Life Sciences)	Professor KANG Byung Ho (School of Life Sciences) Professor KWAN Kin Ming (School of Life Sciences) Professor ZHUANG Xiaohong (School of Life Sciences) Professor LAU Wilson Chun Yu (School of Life Sciences) Dr. KOON Chun Alex (School of Life Sciences)	- deepening VTL adoption - engagement of students as partners - students taking ownership of their learning	- eLearning - online/blended teaching and assessment - engagement of students in T&TD	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	484,141
51	Supporting Statistics Research Postgraduates to Teach Quantitative Data Analysis to Postgraduate Students without Statistics Background – Phase II	Dr. WRIGHT John Alexander (Department of Statistics)	Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research) Professor YAM Sheung Chi Phillip (Department of Statistics) Mr. WONG Kin Chi (Centre for Learning Enhancement And Research) Miss LEUNG Yuet Shan Irene (Centre for Learning Enhancement And Research)	- engagement of students as partners - facilitating students to cross knowledge boundaries - development of professional and generic skills	- engagement of students in T&TD - offering community-engaged course/activities - professional development	2 years & 3 months (1 Jan 2023 - 1 Apr 2025)	496,186

52	Development of 3D Geoscience Virtual Learning Platform and Outreach Schemes for the New Programme (EESC) Integration and Community Engagement	Dr. TAM Pui Yuk Tammy (Earth System Science Programme)	Professor LIU Lin (Earth System Science Programme) Professor TAI Pui Kuen Amos (Earth System Science Programme) Professor WONG Teng Fong (Earth System Science Programme) Professor CHAN Man Nin (Earth System Science Programme) Dr. CHIU Hon Chim (Department of Geography and Resource Management) Professor ZHAO Guochun (HKU) Mrs. LAM Cecilia S S (Social Responsibility and Sustainable Development Office) Dr. MA George S K (Social Responsibility and Sustainable Development Office)	- deepening VTL adoption - encouraging students to make contributions - contribution to the 17 SDG - engagement of students as partners - encouraging inter-institutional collaborations - development of community-engaged learning - facilitating students to cross knowledge boundaries - development of professional and generic skills - students taking ownership of their learning - enhancing global readiness of students	- eLearning - experiential learning - offering community-engaged courses/activities	2 years & 6 months (1 Nov 2022 - 30 Apr 2025)	300,000

Faculty of Social Science

53	Exploring Virtual Reality (VR) as a Pedagogical Tool in Supporting Collaborative and Experimental Learning	Professor FINGRUT Adam (School of Architecture)	Ms. ZHAO Mingming (School of Architecture - Teaching Assistant/PhD student)	- deepening VTL adoption - facilitating students to cross knowledge boundaries - development of pedagogical research	- eLearning - student engagement and student learning needs - pedagogy	1 year (1 Jul 2023 - 1 Jul 2024)	284,736
54	CUHK CT-CITY – A new Metaverse Space for Computational Thinking	Professor LEE Jaemin (Department of Sociology)	Dr. WONG Pui Man Molly (School of Biomedical Sciences) Professor HAMILTON Grant Andrew Roy (Department of English)	- deepening VTL adoption - encouraging inter-institutional collaborations - facilitating students to cross knowledge boundaries	- teaching and learning activities - eLearning - experiential learning	1 year & 9 months (1 Jan 2023 - 1 Oct 2024)	442,875

September 2023

Teaching Development and Language Enhancement Grant for 2022-25 Triennium

(Inter-institutional Collaborative Activities (IICA) Portion)

List of Projects

No.	Collaborating University(ies)	Project Title	Principal Supervisor(s) and Faculty/ Department/ Unit	Co-supervisor(s) and Faculty/ Department/ Unit	Nature of Proposal	Theme(s)	Focus Area(s)	Project Duration	Total Project Budget (HK$)	CUHK Portion (HK$)
CUHK as Lead University										
1	HKBU EdUHK HKU CityU HKUST	Building a Collaborative Platform for Enhancing Artificial Intelligence Applications in Higher Education	**Professor LAM Lai Chuen Paul (Centre for Learning Enhancement And Research, CUHK) Dr. SEE Christopher (School of Biomedical Sciences, CUHK)**	**Professor KING Irwin Kuo Chin (Department of Computer Science and Engineering, CUHK) Dr. HAN Dongkun (Department of Mechanical and Automation Engineering, CUHK)** Professor William K. CHEUNG (HKBU) Dr. Yanjie SONG (EdUHK) Dr. Chi Un LEI (HKU) Dr. Crusher WONG (CityU) Professor Huamin QU (HKUST)	Consolidated Teaching Development & Language Enhancement	-innovation & design -development of professional & generic skills -deepening VTL adoption	- eLearning - survey research and evaluation - professional development	2 years & 10 months (1 Jul 2022 - 30 Apr 2025)	3,057,430	1,657,430
2	HKBU PolyU EdUHK	An AI Media Analytics Framework for Course Assessments	**Professor KING Irwin Kuo Chin (Department of Computer Science and Engineering, CUHK)**	Dr. HO Koon Sing Gray (HKBU) Dr. LAI Hok Yin Jean (HKBU) Professor KONG Siu Cheung (EdUHK) Dr. Theresa KWONG (HKBU) Dr. Eric TSUI (PolyU) Dr. Patrick YUE (HKBU) Dr. Laura ZHOU (PolyU)	Consolidated Teaching Development & Language Enhancement	-innovation & design -development of professional & generic skills -deepening VTL adoption	- student learning & experience - assessment - academic advising	2 years & 9 months (1 Aug 2022 - 30 Apr 2025)	2,141,000	1,500,000
3	HKBU PolyU CityU HKU	Developing a Systematized Humour Pedagogical Approach to Enhance Teaching and Learning: A Cross-institutional and Cross-disciplinary Collaboration	**Dr. KOON Chun Alex (School of Life Sciences, CUHK)**	Dr. CHAN Enoch (HKU) **Professor CHAN Ho Yin Edwin (School of Life Sciences, CUHK)** Dr. HO Joanna Wen Ying (HKU) Dr. KHONG Mei Li (HKU) Professor LAU C.K. Terrence (CityU) **Dr. LAW Man Suet Michelle (School of Life Sciences, CUHK)** Professor NGAI Sing Bik Cindy (PolyU) Dr. SINGH Rita Gill (HKBU) **Professor WONG Wing Tak Jack (School of Life Sciences, CUHK)**	Teaching Development	- engagement of students as partners - innovation & design - students taking ownership of their learning - deepening VTL adoption	- pedagogy - student learning and experience - Others (IICA that covers teaching development and language enhancement projects)	2 years & 7 months (1 Sep 2022 - 31 Mar 2025)	1,045,070	655,953

CUHK as Participating University

4	CUHK HKBU PolyU EdUHK	The Student Learning Experience in Hong Kong Universities: A Deep Dive into Institutional Data	Professor Ronnel B. KING (Centre for Enhancement of Teaching and Learning HKU)	Ms. Maggie Yue ZHAO (HKU) Professor Susan BRIDGES (HKU) Professor Lily Min ZENG (HKU) Professor Luke FRYER (HKU) Professor Jack TSAO (HKU) Professor Reynold C.K. CHENG (HKU) Professor Yuen Yi LO (HKU) Professor Gilberto Ka Kit LEUNG (HKU) **Professor CHUN Ka Wai Cecilia (Centre for Learning Enhancement And Research, CUHK) Professor LEE Wing Yan Vivian (Centre for Learning Enhancement And Research, CUHK) Professor CHAI Ching Sing (Department of Curriculum and Instruction, CUHK)** Ms. Theresa KWONG (HKBU) Ms. Kris LAW (PolyU) Ms. Julia CHEN (PolyU) Professor KONG Siu Cheung (EdUHK) Professor Eric Kwan Wai YU (EdUHK) Professor John Chi Kin LEE (EdUHK)	Teaching Development	--	- student learning & experience - student engagement & student learning needs - quality assurance	2 years (1 Jan 2023 - 31 Dec 2024)	1,967,384	292,350
5	CUHK CityU EdUHK PolyU LU	Enhancing Learning and Teaching of Digital Citizenship Through Scenario-based AR Learning Trails	Dr. Theresa KWONG (Centre for Holistic Teaching & Learning, HKBU)	**Professor LAM Lai Chuen Paul (Centre for Learning Enhancement And Research, CUHK)** Dr. Crusher WONG (CityU) Professor KONG Siu Cheung (EdUHK) Dr. Helen HAN (LU) Dr. Julia CHEN (PolyU) Professor Vincent LEUNG (PolyU) Mr. Kevin HENDERSON (United Board for Christian Higher Education in Asia) Dr. Yi Lung KUO (BNU - HKBU-UIC) Professor Lilian VRIJMOED (UOW College HK) Dr. Mark PEGRUM (University of Western Australia)	Teaching Development	-deepening VTL adoption	- student learning & experience - eLearning - student engagement & student learning needs	2 years & 4 months (1 Jan 2023 - 30 Apr 2025)	2,345,697	150,000

6	EdUHK CUHK	Nurturing Global Citizenship Through English (NGCE)	Dr. Cissy LI (Language Centre, HKBU)	Dr. YU, Leo (HKBU) Ms. LIU, Natalie (HKBU) Professor CHEN, Hsueh (EdUHK) Professor CHU, Rebecca (EdUHK) Dr. CHU Wing Ki, Blanche (EdUHK) Dr. LIN Yanyan, Catherine (EdUHK) **Dr. LOONG Yvonne C W (Independent Learning Centre, CUHK)** **Ms. KO Yu Lily (CUHK Library)**	Consolidated Teaching Development & Language Enhancement	- contribution to the 17 SDG - global Citizenship & Social enterprisingness - facilitating students to cross knowledge boundaries - promotion of attitudes & values - enhancing global readiness of students - encouraging students to make contributions - promoting diversity of language learning	- language enhancement - student learning & experience - eLearning	2 years (31 Aug 2022 - 31 Jul 2024)	1,747,300	297,300
7	CUHK HKU LU	Computational Thinking (CT) as a Problem-solving Skill – A Multidisciplinary Virtual Learning Package	Dr. H.N. NG Krates (School of Science, HKUST)	**Professor SO Ho Wai Suzanne (Department of Psychology, CUHK)** **Professor YAM Sheung Chi Phillip (Department of Statistics, CUHK)** Professor H.Y. AU YEUNG (HKU) Mr. H.K. TSO (LU)	Teaching Development	- facilitating students to cross knowledge boundaries - development of professional & generic skills - enhancing global readiness of students - deepening VTL adoption	- curriculum design - student learning and experience - eLearning	1 year & 9 months (1 Aug 2023 - 30 Apr 2025)	1,899,480	300,000

August 2023