

List of 2018 Summer Research Programmes
(as at 2018-01-26)

Faculty/ Institutes	Ref No.	Project Title in English	Project Title in Chinese	Project Description	Application Requirement	Contact Points		
						Contact Person(s)	Contacts	Consultation hours (29 Jan - 2 Mar 2018)
FED	MYRG2016-00141-FED	Investigating EFL teacher/student conceptions of assessment, classroom AfL practices and their impact on students' learning in mainland Chinese and Macao secondary schools	大陸中國和澳門中學英語師生教學與評估經歷研究	This project aims to explore mainland Chinese and Macao secondary students' conceptions of assessment, their perceptions of assessment for learning (AfL) practices, and how their conceptions of assessment and perceptions of AfL practices are related to their approaches to learning. The project also attempts to identify factors that encourage or discourage teachers' adoption of AfL practices in the EFL classroom	Applicant should have a very good record of academic studies results. They should have very good academic English reading and writing skills, and demonstrate an interest in issues related to English language education and assessment in the Chinese context.	Prof. Zhengdong GAN	Email: zhengdonggan@umac.mo	Monday 09:00 - 13:00
FED	MYRG2016-00100-FED	Understanding the nature and impact of teacher and peer feedback on student translations in Chinese EFL context: A multiple case study	中國外語翻譯教學中教師和同伴反饋的本質和作用：一項多案例個案研究	This project aims to investigate the impact of teacher and peer feedback on student revisions in their translated texts.	Excellent English or Chinese academic writing skills	Dr. Shulin Yu	Office: E33-3007	Wednesday 10:00 - 17:00 Thursday 10:00 - 17:00
FED	MYRG2017-00199-FED	Effects of Hypoxic Exposure and Normoxic High Intensity Interval Exercise on Metabolism and Cognitive Function	低氧與常氧高強度間歇運動對代謝及認知功能的影響	A single bout of aerobic exercise and chronic exercise training at a moderate to vigorous intensity appears to promote cognitive function. In contrast, given that brain function and tissue integrity are dependent on a continuous and sufficient oxygen supply, hypoxia exposure and/or hypoxic exercise can potentially compromise cerebral autoregulation oxygenation. Exercise under hypoxia may have the potential to impair brain function. However, a large body of evidence has demonstrated that hypoxic training has the advantageous effects in improving exercise performance in athletes and hypoxic exposure/training could be a tool to treat obesity and associated comorbidities in non-athletes. Nevertheless, it remains unclear how exercise under hypoxia affects cognitive function. Furthermore, high-intensity interval training (HIT) is a valid method to improve aerobic fitness when time is limited. HIT in hypoxia may have a synergistic effect in developing physical fitness and improving metabolism. The aims of the present study are to compare the differences in metabolism and cognitive function at rest and during moderate exercise after hypoxic or normoxic exercise training, and to examine whether metabolic parameters can mediate the effects of exercise on cognitive performance.	The students is expected to be interested in researches in Sports Science.	Dr. Zhaowei Kong	Office: E33-2025 Email: zwkong@umac.mo	Tuesday 15:30 - 17:30 Friday 15:30 - 17:30