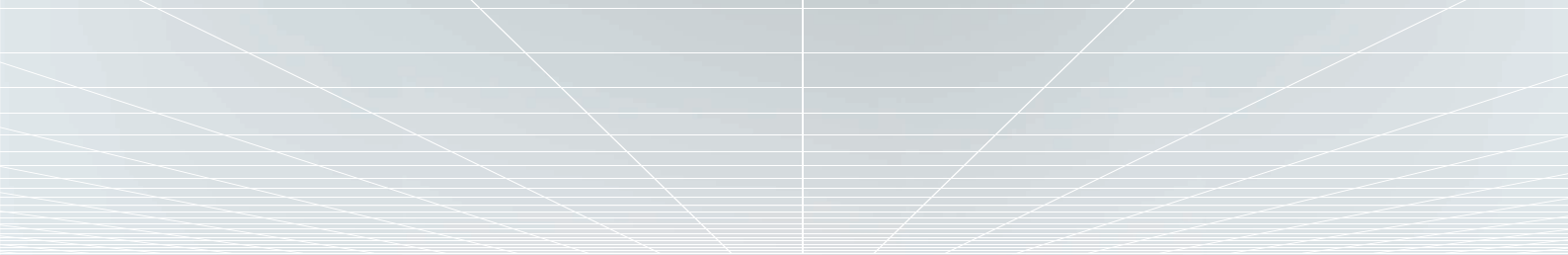


香港研究資助局

Research Grants Council
of Hong Kong



2018/19 ANNUAL REPORT



Research Grants Council Members 2018/19 研究資助局 2018/19 年度成員



Left to Right Rear:

Prof Alexander Ping-kong Wai
Mr David Leung (Secretary, RGC),
Dr Kim Kin-wah Mak, BBS, JP, Prof On-ching Yue,
Mr Henry Kwong-han Leung, Prof Rosalie L Tung,
Prof Billy Kee-long So, Prof Anita S Mak,
Prof Geoffrey L Smith, Prof Irene Oi-lin Ng,
Prof Paul Clark, Ms Cordelia Chung,
Prof Michael P Doyle, Prof Tai-lok Lui, JP,
Prof Jian Lu, Prof Rick Wai-kwok Wong,
Prof Jay Siegel

Left to Right Front:

Prof Cindy Fan, Prof Raymond Man-pao Kan,
Prof Helen Meng Mei-ling,
Prof Edward Sze-shing Yeung,
Prof Yip-wah Chung, BBS,
Prof Benjamin W Wah, JP (Chairman, RGC),
Prof Lap-chee Tsui, GBM, GBS, JP,
Prof Paul K L Yu, Prof Jiun-shyan Chen,
Prof Zhigang He,
Prof James Tang Tuck-hong (Secretary-General, UGC)

Absent: Prof Bill Milne, Prof Joshua Ka-ho Mok,
Prof Richard Strugnell, Dr Frank Fuk-kay Tong

後排由左至右：

衛炳江教授，
梁子琪先生(研資局秘書)，
麥建華博士，BBS, JP，余安正教授，
梁廣恒先生，董林雪英教授，
蘇基朗教授，麥呂瑞華教授，
Geoffrey L Smith教授，吳呂愛蓮教授，
Paul Clark教授，鍾郝儀女士，
邁克爾·多伊教授，呂大樂教授，JP，
呂堅教授，黃偉國教授，
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蒙美玲教授，
楊仕成教授，
鍾業華教授，BBS，
華雲生教授，JP(研資局主席)
徐立之教授，GBM，GBS，JP，
余劫離教授，陳俊賢教授，
何志剛教授，
鄧特抗教授(教資會秘書長)

缺席：Bill Milne教授，莫家豪教授，
Richard Strugnell教授，湯復基博士



本署檔號 OUR REF.: UGC/GEN/232/92

申請檔號 APPLICATION REF. NO.:

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30 June 2020

Mr Carlson Tong, SBS, JP
Chairman
University Grants Committee
7/F Shui On Centre
6-8 Harbour Road
Wanchai
Hong Kong

Dear Chairman,

**Research Grants Council
Report for 2018/19**

Under its terms of reference, the Research Grants Council (RGC) is required, among other things, to report on its work annually to the Government through the University Grants Committee.

I have the pleasure to submit herewith the report of the Research Grants Council covering the twenty-eighth year of the Council's operations. The report will be published on the RGC's website for public accountability.

I should be grateful if you would forward the report to the Government of the Hong Kong Special Administrative Region.

Yours sincerely,



Benjamin Wah
Chairman
Research Grants Council

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唐家成先生, SBS, JP

唐主席：

研究資助局二零一八至一九年度報告

研究資助局(研資局)的職權範圍其中一項，是本局須透過大學教育資助委員會向政府提交周年工作報告。

現附上研資局的報告，載述本局的第二十八年運作情況。這份年報會載於研資局的網頁，以便更多讀者可以閱覽。

謹請將這份報告呈交香港特別行政區政府。



研究資助局主席華雲生

二零二零年六月三十日

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Foreword from the Chairman

主席序言

This past year 2018/19 has been another robust and productive one for the Research Grants Council (RGC). With the vitality and creativity of Hong Kong researchers, our funded projects have continued to produce remarkable results in a wide range of disciplines.

RGC Highlighted Activities in the 2018/19 academic year

General Research Fund

Over 60% of RGC's budget is allocated for the General Research Fund which supports a large number of researchers. The aim is to supplement universities' own research support to those who have achieved or have the potential to achieve excellence. This past year, out of 2 945 applications from a wide range of disciplines, we funded a total of HK\$592 million for 989 research projects.

Early Career Scheme

The Early Career Scheme is intended to nurture junior academics and to prepare them for a career in education and research. In the 2018/19 academic year, out of 381 applications, 153 projects were funded at a total amount of HK\$87 million, with three of them rated "Outstanding". The applicants of these projects were each granted an honorary title of "The Early Career Award 2018/19".

Collaborative Research Fund

The Collaborative Research Fund (CRF) Scheme supports multi-investigator, multi-disciplinary projects in order to encourage more research groups to engage in creative and high quality cross-disciplinary projects. For the 2018/19 exercise, out of 224 applications, 20 research projects were funded at a total amount of HK\$110 million.

The annual CRF Symposium was held in December 2018 at the City University of Hong Kong where the progress of 14 funded projects was presented. The Symposium generated interesting discussions among researchers and provided excellent opportunities for research students to exchange views and strengthen collaborations.

對研究資助局(研資局)來說，過去的2018/19年度繼續是有活力的，同時亦是豐盛的一年。憑藉香港研究學者的幹勁和創意，本局的資助項目在多個研究領域持續取得卓越佳績。

研資局2018/19學年的重點活動

優配研究金

研資局的財政預算中，超過百分之60的資源撥作優配研究金，資助為數不少的學者進行研究。優配研究金的目的，是在大學為學者提供的研究資助以外，給表現卓越或潛質優厚的學者額外資助。過去一年，研資局收到2 945份不同學科的申請，其中989個研究項目獲得資助，撥款合共5.92億港元。

傑出青年學者計劃

傑出青年學者計劃旨在培育新進學者，幫助他們為日後的教學及研究事業作好準備。於2018/19學年，研資局共接獲381個申請，其中153個研究項目獲得資助，總額為8,700萬港元，當中三個項目更獲評核為「卓越」級別。這些申請人每人可獲得「2018/19年度傑出青年學者獎」殊榮。

協作研究金

協作研究金旨在資助由多名學者合作的跨學科研究項目，希望鼓勵研究單位進行更多具創意及高質素的跨學科研究項目。於2018/19年度，研資局接獲224個申請，其中20個研究項目獲得資助，總額為1.1億港元。

2018年12月，研資局於城市大學舉辦一年一度的協作研究金研討會，讓14隊獲資助研究隊伍匯報項目的進度。研討會不但引起學者們的熱烈討論，同時亦提供更多機會，讓研究生與學者交流意見，加強彼此的合作。



Professor Paul Yu, Chairman of the CRF Committee, delivered a speech at the CRF Symposium 2018. 協作研究金委員會主席余劭離教授於2018年度協作研究金研討會上致辭。

Joint Research Schemes

In the 2018/19 academic year, the RGC ran six Joint Research Schemes with partner agencies in other regions, including the European Union (EU)-Hong Kong Research and Innovation Co-funding Mechanism by RGC which aims to foster European-Hong Kong collaboration in academic research.

Humanities and Social Sciences Prestigious Fellowship Scheme

The Humanities and Social Sciences Prestigious Fellowship Scheme was established to recognise excellence in the Humanities and Social Sciences. It provides relief teachers and supporting funds to the outstanding investigators under the Humanities and Social Sciences Panel to enable them to focus on research work and writing. The fellowship provides resources for the employment of relief teachers, as well as the costs of travel, subsistence and dissemination of outputs. Seven prestigious investigators were awarded in the 2018/19 academic year and HK\$4.52 million in total was allocated.

Theme-based Research Scheme

The objective of the Theme-based Research Scheme (TRS) is to focus academic research efforts of the University Grants Committee (UGC)-funded universities on themes of strategic importance to the long-term development of Hong Kong. There are four research themes, namely “Promoting Good health”, “Developing a Sustainable Environment”, “Enhancing Hong Kong’s Strategic Position as a Regional and International Business Centre” and “Advancing Emerging Research and Innovations Important to Hong Kong” under the scheme. With the addition of three new grand challenge topics, namely “Food Production and Food Security”, “Financial Technologies (FinTech) and Regulatory Technologies (RegTech)” and “Artificial Intelligence” in 2018/19, there are currently a total of 19 grand challenge topics under the four themes.

合作研究計劃

於2018/19學年，研資局分別與不同地區合辦六個合作研究計劃，當中包括歐洲聯盟(歐盟)與香港研究資助局研究及創新合作計劃。此計劃旨在推動歐洲各國與香港兩方學者的學術研究及合作。

人文學及社會科學傑出學者計劃

人文學及社會科學傑出學者計劃旨在表揚傑出的人文學及社會科學學者。此計劃為人文學及社會科學學科小組轄下的優秀研究人員提供替假教師及資助，讓他們專心從事研究及寫作。計劃不單提供資源聘請替假教師，還包括旅費、生活津貼及發表研究結果的費用。於2018/19學年，七名傑出學者獲得資助，總額為452萬港元。

主題研究計劃

主題研究計劃的目的是集中大學教育資助委員會(教資會)資助大學的學術研究力量，對香港長遠發展具策略重要性的主題進行研究。計劃共有四個研究主題，名為「促進健康」、「建設可持續發展的環境」、「加強香港作為地區及國際商業中心的策略地位」及「促進對香港起重要作用的新興研究及創新項目」。連同2018/19學年新增的三個具挑戰性題目，即「食物生產及食物安全」、「金融科技及監管科技」及「人工智能」，現時四個研究主題下共設有19個具挑戰性題目。

The eighth round exercise was held in the 2018/19 academic year. A total of 48 preliminary proposals were received. After the preliminary selection and a vigorous peer-review process, the RGC allocated HK\$180 million to support five projects.

Competitive Research Funding Schemes for the Local Self-financing Degree Sector

The RGC first launched three research funding schemes for the local self-financing degree sector in 2013. They are the Faculty Development Scheme, the Inter-Institutional Development Scheme and the Institutional Development Scheme (IDS).

The RGC reviewed the operation of the IDS in 2018 and decided to branch out the scheme into two grants, namely the “Research Infrastructure Grant” and the “Collaborative Research Grant”. The original mode of operation of the IDS would continue in the form of Research Infrastructure Grant. The new Collaborative Research Grant would be modelled on the Collaborative Research Fund in the UGC sector to encourage and support collaborative and/or cross disciplinary research. The revised IDS was implemented starting from the Sixth Round exercise.

The RGC received 197 applications in the Fifth Round exercise and funded a total of HK\$37.68 million for 47 research projects. The results of the Fifth Round exercise were announced in September 2018. Following the completion of the Fifth Round exercise, the Sixth Round exercise started in November 2018. A total of 14 local self-financing degree-awarding institutions were eligible for the three funding schemes. The results of the Sixth Round exercise will be announced in September 2019.

Areas of Excellence Scheme

The Areas of Excellence Scheme provides support to the UGC-funded universities to build upon their existing strengths and develop them into areas of excellence. The Eighth Round exercise was held in the 2018/19 academic year. A total of 15 eligible preliminary proposals were received. After preliminary selection and a vigorous process of peer-review, the RGC decided to allocate HK\$216 million to support three projects.

第八輪計劃於2018/19學年舉行。研資局共收到48份初步研究建議書。經過篩選及嚴格的學者評審後，研資局撥款約1.8億港元，資助共五個研究項目。

本地自資學位界別競逐的研究資助計劃

研資局於2013年起為本地自資學位界別推出三項研究資助計劃，分別名為教員發展計劃、跨院校發展計劃及院校發展計劃。

研資局在2018年對院校發展計劃進行檢討，並決定將計劃分為兩個撥款，即「研究基礎設施撥款」和「協作研究撥款」。院校發展計劃原有的運作模式將透過研究基礎設施撥款繼續運作。新設立的協作研究撥款則參考教資會界別的協作研究金，鼓勵及資助院校進行集體及／或跨學科的合作研究。經修訂的院校發展計劃從第六輪計劃起開始實施。

研資局在第五輪計劃共收到197份申請，其中47個研究項目獲得資助，撥款合共3,768萬港元。申請撥款結果已於2018年9月公布。隨著第五輪計劃的結束，第六輪計劃在2018年11月展開，共有十四所本地可頒授學位的自資院校符合參與上述三項研究資助計劃的資格。第六輪計劃的申請結果將於2019年9月公布。

卓越學科領域計劃

卓越學科領域計劃協助教資會資助大學把現有優勢發展為卓越學科領域。第八輪計劃已於2018/19學年舉行。研資局共收到15份合資格初步研究建議書。經過初步篩選及嚴格的學者評審後，研資局決定撥款約2.16億港元，資助共三個研究項目。

Research Impact Fund

The Research Impact Fund (RIF) was established in 2018 to encourage local academics to consider and articulate the potential of research to deliver benefit for the wider community and also to encourage a greater volume of collaborative research beyond academia. For the 2018/19 exercise, out of 164 applications, 30 research projects were funded at a total amount of HK\$193 million.

Joint Laboratory Funding Scheme

To inject further impetus into our research community and encourage local talents to collaborate with the Mainland and participate in major research projects, the UGC decided in September 2018 to set up a one-off Joint Laboratory Funding Scheme (JLFS) to provide funding support to eligible joint laboratories between the Chinese Academy of Sciences (CAS) and the Hong Kong universities. The scheme aims to enhance the research infrastructure of the joint laboratories in Hong Kong so as to better equip them to conduct impactful research. The Scheme was launched in December 2018 and is administered by the RGC. A total of 20 applications were received. After a vigorous process of peer-review, the RGC decided to allocate HK\$30 million to support 11 projects.

Hong Kong PhD Fellowship Scheme

The Hong Kong PhD Fellowship Scheme (HKPFS) continues to enhance internationalisation of our higher education sector. In the first nine rounds of exercise, about 1 700 candidates from more than 80 countries/regions were selected to pursue their PhD studies in Hong Kong.

The Awardees Reception of the HKPFS was held in November 2018. The Steering Committee, Selection Panel Members and representatives of universities, together with the past awardees, were invited to the Awardees Reception to welcome the new awardees.

The monthly stipend and annual conference and research-related travel allowance for the 2018/19 academic year are HK\$25,100 and HK\$12,600 respectively. Thereafter, the UGC Secretariat will arrange annual adjustment to the level of stipend and travel allowance at the beginning of each academic year, in accordance with the Composite CPI, as announced by the Census and Statistics Department.

In light of the very good quality of the HKPFS graduates, the number of fellowship places of the HKPFS for the Tenth Round (for 2019/20 intake) will be increased up to 250.

研究影響基金

研究影響基金於2018年成立，旨在鼓勵本地學者積極考慮潛在的研究效益，使更廣泛的社區能夠受惠，並鼓勵開展更多學術界以外的研究合作。於2018/19年度，研資局收到164個申請，當中30個研究項目獲得資助，總額為1.93億港元。

聯合實驗室資助計劃

教資會於2018年9月決定設立一次性的聯合實驗室資助計劃，向合資格的中國科學院(中科院)與本港大學聯合實驗室提供資助，為本港研究界注入更多動力，並鼓勵本地人才與內地合作和參與大型研究項目。本計劃旨在提升聯合實驗室的研究基礎設施，以進行具影響力的研究。計劃於2018年12月推出，由研資局負責管理。研資局共收到20份建議書。經過嚴格的學者評審後，研資局決定撥款3,000萬港元，資助11個項目。

香港博士研究生獎學金計劃

研資局繼續推行香港博士研究生獎學金計劃，推動本地高等教育院校國際化。在首九屆計劃中，有大概1 700名來自超過80個國家及地區的申請人脫穎而出，在香港修讀博士研究生課程。

香港博士研究生獎學金計劃的得獎者茶敘已於2018年11月舉行，並誠邀了督導委員會委員、遴選小組成員、大學代表，以及前得獎者出席茶敘，歡迎新一屆的得獎者。

2018/19學年的獎學金計劃的每月津貼和每年的會議及研究活動交通津貼是2.51萬和1.26萬港元。此後，教資會秘書處會根據政府統計處公布的綜合消費物價指數的變動率在每學年初調整有關的津貼水平。

由於獎學計劃畢業生的質素優良，由第十屆開始(即2019/20學年取錄)的獎學金計劃的得獎名額將增至250個。



HKPFS awardees with Professor Benjamin Wah, Chairman, RGC
研資局主席華雲生教授與香港博士研究生獎學金計劃的得獎者。

Tuition Waiver for Local Research Postgraduate (RPg) Students

Starting from the 2018/19 academic year, the Government provides tuition waiver for all local students enrolled in UGC-funded RPg programmes. In the first year, about 2 000 students benefited from the scheme and the total tuition waived was about HK\$74 million.

RGC Public Lectures

To share the research findings with the community, researchers of the RGC funded projects have been invited to deliver public lectures since April 2009. In the 2018/19 academic year, the RGC jointly held four RGC Public Lectures on “Cancer Therapy: Immunotherapy and Medicine”, “Stress Management and Mental Health”, “Marketing and Branding in Hong Kong” and “Fintech” with the Hong Kong Science Museum and the Hong Kong Central Library respectively. There was active participation from the community.

RGC’s Strategic Initiatives

The RGC is facing challenges arising, for example, from new and emerging research needs of the academic community and high expectation from the society on the standard of research integrity in publicly funded projects. To tackle these challenges, the RGC has taken a number of initiatives.

本地研究生學費豁免計劃

由2018/19學年開始，政府會為修讀教資會資助研究院研究課程的所有本地學生提供學費豁免。首年受惠的學生約為2 000人，豁免的學費總額約7,400萬港元。

研資局公眾講座

為了與市民分享研究成果，研資局自2009年4月起定期舉辦公眾講座，邀請獲研資局資助的學者，向市民介紹他們的研究工作。研資局於2018/19學年分別與香港科學館及香港中央圖書館合辦共四場公眾講座，以「癌症治療：免疫治療與藥物」、「壓力管理與精神健康」、「香港市場學與品牌研究」及「金融科技」為題，市民反應熱烈。

研資局的策略計劃

研資局正面對各項挑戰，例如學術界的新興研究需要，以及社會對監管受公帑資助研究項目的操守有很高的期望等。為應對這些挑戰，研資局已實行多項措施。

Phase II of the RGC Review which examines operational issues, such as application and assessment processes, is underway. A Working Group was set up under the RGC in early 2018 to oversee the implementation of the RGC Review (Phase II). An external consultant was commissioned to assist the Working Group in the review. The consultant collected views of different stakeholders from June to September 2018 and submitted his findings to the Working Group in early 2019. Having considered the consultant's findings, the Working Group has made preliminary recommendations on the operation of the RGC in its interim report, covering the aims and objectives of funding schemes, assessment processes, time commitment of Principal Investigators, forms and documents, communication and engagement, open access policy, conflicts of interest and academic misconduct. The interim report was endorsed by the UGC in May 2019 and released for consultation with different stakeholders in July 2019. The RGC Review (Phase II) is expected to be completed in late 2019.

To solicit feedback from the research stakeholders on its interim report, the Task Force on Review of Research Policy and Funding (TFRPF) launched a series of consultation activities including focused discussions by the Heads of Universities/Institutions and a symposium for the higher education sector. Upon the close of the consultation exercise on 10 July 2018, the TFRPF incorporated the views collected as appropriate and submitted its final Review Report to the Government on 11 September 2018.

Accepting in full the seven recommendations made by the TFRPF to enhance research policy and funding for Hong Kong, the Government committed in the 2018 Policy Address to inject HK\$20 billion into the Research Endowment Fund, launch an HK\$3-billion Research Matching Grant Scheme (RMGS) and reserve a recurrent expenditure of HK\$190 million per annum in support of the RGC to introduce three new regular fellowship schemes. Following the funding approval by the Legislative Council on 28 June 2019, the debut exercise of the RMGS and the three new fellowship schemes are scheduled to commence in the latter half of 2019.

Following up on one of the recommendations by the TFRPF, the RGC established the Collaborative Research Review Working Group (CRWG) in June 2019 to take forward the review of three RGC's collaborative research funding schemes, namely the Collaborative Research Fund, the Theme-based Research Scheme, and the Areas of Excellence Scheme, with a view to incentivising universities to conduct more collaborative research across disciplines and/or institutions.

研資局正進行第二階段檢討，檢視局運作事宜，例如申請及審批程序等。2018年初，研資局成立了工作小組，負責監督研資局檢討(第二階段)工作，並委聘了獨立顧問輔助工作小組進行檢討。在2018年6月至9月期間，顧問收集了不同持份者的意見，並在2019年初向工作小組提交檢討結果。在考慮獨立顧問的檢討結果後，工作小組在其中期報告內就研資局運作提出初步建議，涵蓋範圍包括了資助計劃的宗旨和目標、評審過程、首席研究員投放的時間、表格與文件、溝通及參與、開放取用政策、利益衝突及不當學術行為等範圍。中期報告已於2019年5月獲教資會接納，並在2019年7月發表，以諮詢不同的持份者。研資局檢討(第二階段)預計於2019年年底完成。

為收集研究界持份者對其中期報告涵蓋事項的意見，檢討研究政策及資助專責小組展開連串諮詢工作，包括為教資會資助大學校長及自資學位頒授院校校長舉行專題討論，並為高等教育界舉行研討會。諮詢工作於2018年7月10日結束後，專責小組將收集到的意見適切地納入最終檢討報告，並於2018年9月11日提交政府。

政府全面接納專責小組提出的七項建議，並於2018年施政報告中承諾向研究基金注資200億港元、設立30億港元的研究配對補助金計劃，以及預留每年約1.9億港元經常開支，以支持研資局為研究人員增設三項恆常的傑出學者計劃。隨着立法會財務委員會於2019年6月28日通過撥款，研究配對補助金計劃及三項新傑出學者計劃將於2019年下半年首度推行。

根據檢討研究政策及資助小組提出的其中一項建議，研資局於2019年6月成立協作研究檢討小組(檢討小組)，旨在檢視三項由研資局推行的協作研究撥款計劃，包括「協作研究金」、「主題研究計劃」及「卓越學科領域計劃」。研資局期望透過是次檢討，鼓勵大學從事更多跨學科及／或跨院校的協作研究。

Foreword from the Chairman 主席序言

Comprising 11 local and overseas academics, the CRWG is tasked to review the existing parameters of and explore room for collaboration among the three aforementioned schemes. It held its first meeting on 14 June 2019 and will meet again in December 2019 and March 2020. Consultation will be conducted in mid-2020 to collect views from universities and frontline researchers on the recommendations proposed by the CRWG. It is expected that the review will be concluded in 2020.

Last but not least, I would like to take this opportunity to express my heartfelt appreciation to our research colleagues who have devoted their very best to research in the past year, and have great pleasure in introducing the Annual Report for 2018/19.

檢討小組由11位本地及海外學者組成，工作包括檢視上述三項撥款計劃的涵蓋範圍及探討可行的協作空間。檢討小組於2019年6月14日舉行首次會議，並將於2019年12月及2020年3月進行第二及第三次會議。研資局將於2020年中進行諮詢，就檢討小組提出之建議收集各大學及前線研究人員的意見。檢討工作預期於2020年完成。

最後，我謹此向過去一年每一個致力研究的同事致以由衷謝意，並提交《研究資助局2018/19年報》。



The Research Grants Council and its Organisation

研究資助局及其架構

The Research Grants Council

The Research Grants Council (RGC) is a non-statutory advisory council operating under the aegis of the University Grants Committee (UGC). It was formally established on 1 January 1991 to replace the Research Sub-Committee of the UGC.

The RGC's members are appointed by the Chief Executive^{Note} of the Hong Kong Special Administrative Region (HKSAR) and comprise non-local academics, local academics and local lay persons. All members are appointed on an ad personam basis. The RGC's membership for 2018/19 is listed in Appendix A.

Terms of Reference

The RGC's Terms of Reference are:

- To advise the HKSAR Government, through the UGC, on the needs of the institutions of higher education in Hong Kong in the field of academic research, including the identification of priority areas, in order that a research base adequate for the maintenance of academic vigour and pertinent to the needs of Hong Kong may be developed.
- To invite and receive, through the institutions of higher education, applications for research grants from academic staff and for the award of studentships and post-doctoral fellowships; to approve awards and other disbursements from funds made available by the HKSAR Government through the UGC for research; to monitor the implementation of such grants and to report at least annually to the HKSAR Government through the UGC.

Note The HKSAR Chief Executive has delegated his authority to appoint the RGC members to the Secretary for Education.

研究資助局的組成

研究資助局(研資局)為大學教育資助委員會(教資會)轄下的非法定諮詢機構，於1991年1月1日成立，取代當時教資會轄下的研究小組委員會。

研資局的成員由香港特別行政區行政長官委任^註，包括本地及非本地學者，以及本地的非學術界人士，所有成員均以個人身分獲委任。研資局2018/19年度的成員名單載於附錄A。

職權範圍

研資局的職權如下：

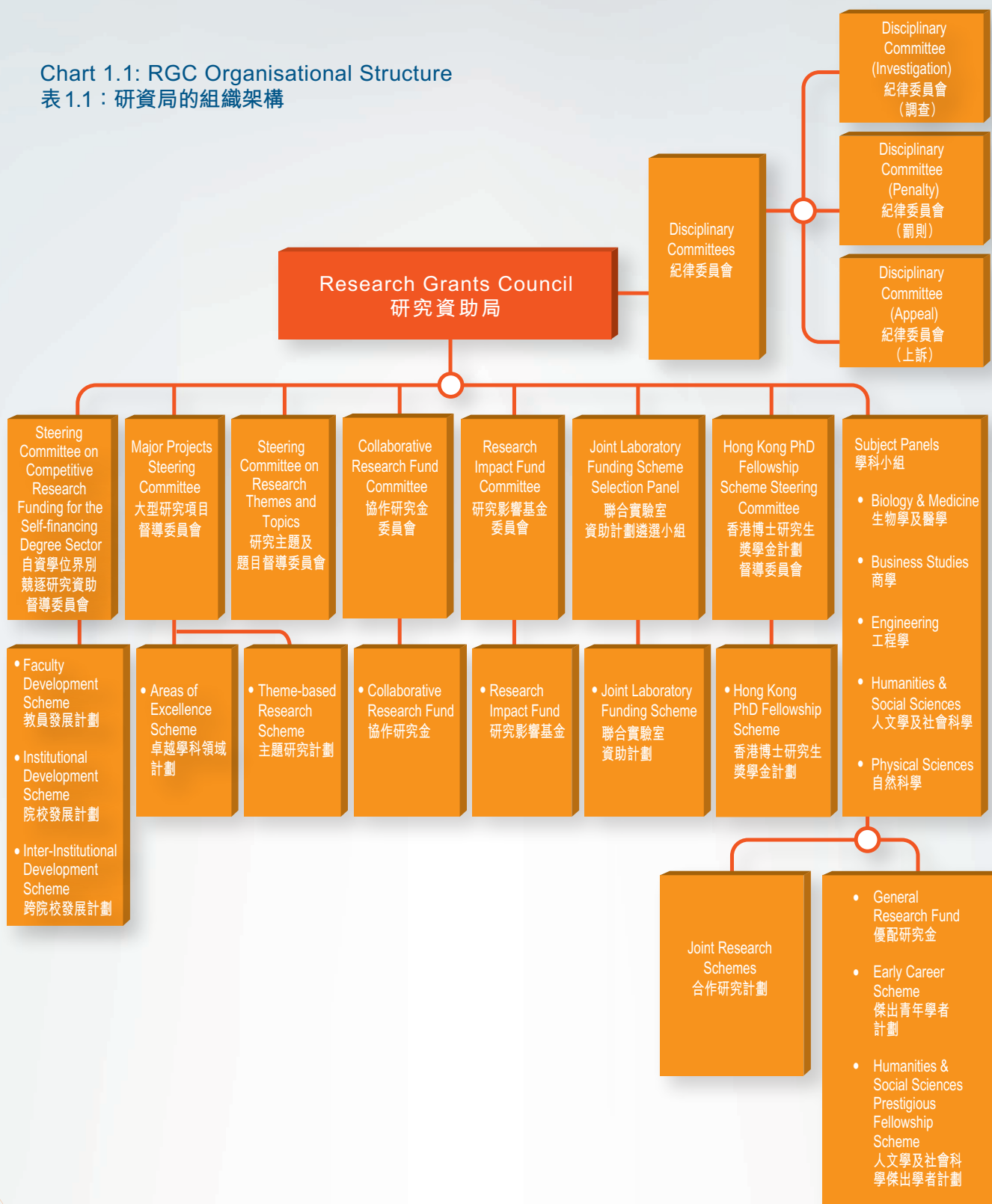
- 透過教資會，向香港特別行政區政府建議香港高等教育機構在學術研究上的需要，包括鑑定優先範圍，以發展一個足以維持學術蓬勃發展和合乎香港需要的學術研究基礎。
- 透過高等教育機構，邀請和接受學術人士申請研究資助以及各類研究生申請獎學金；將香港特別行政區政府透過教資會提供的經費撥作研究資助和其他有關支出之用。此外，並負責監管這些撥款的運用，以及最少每年一次透過教資會向香港特別行政區政府報告。

註 香港特別行政區行政長官授權教育局局長委任研資局的成員。

The Research Grants Council and its Organisation

研究資助局及其架構

Chart 1.1: RGC Organisational Structure
表 1.1：研資局的組織架構



How the Research Grants Council is Organised

The RGC works in close partnership with the UGC and advises and reports to the Government through the UGC on matters within its purview. The organisational structure of the RGC is presented in Chart 1.1.

The RGC normally meets twice a year, in June and December respectively. The June meeting mainly involves the allocation of research grants submitted under funding schemes such as the General Research Fund, the Early Career Scheme, the Humanities and Social Sciences Prestigious Fellowship Scheme and the Theme-based Research Scheme; and a preliminary consideration of new applications under the Areas of Excellence Scheme. The December meeting is usually devoted to examining resource allocation among various established and new funding initiatives for the following year; the allocation of research grants submitted under the Collaborative Research Fund, Research Impact Fund and the Areas of Excellence Scheme; and a preliminary consideration of new applications under the Theme-based Research Scheme.

Subject Panels

The following five Subject Panels assist the RGC in its work:

- Biology and Medicine
- Business Studies
- Engineering
- Humanities and Social Sciences
- Physical Sciences

The five subject panels are responsible for the evaluation of applications and monitoring the approved projects under the General Research Fund, the Early Career Scheme, the Humanities and Social Sciences Prestigious Fellowship Scheme and the Joint Research Schemes. These panels consist of academics both local and non-local.

The Subject Panels normally meet once in June every year before the RGC meetings, primarily to select applications for allocations as well as to monitor on-going projects and assess completed projects.

Applications for research grants are assessed through peer review by panel members and external reviewers, all of whom are recognized experts in their fields in or outside Hong Kong. The panels report to the RGC with recommendations on which projects should be funded after their meetings.

運作與架構

研資局與教資會緊密合作，就其職權範圍內的事務，透過教資會向政府提交建議及報告。研資局的架構，請參閱表 1.1。

研資局一般每年分別於6月及12月召開兩次會議。6月份的會議主要討論多項資助計劃如優配研究金、傑出青年學者計劃、人文學及社會科學傑出學者計劃、主題研究計劃的撥款建議，以及對卓越學科領域計劃的申請作初步考慮。而12月份的會議則討論原有及新增撥款計劃在下年度的資源分配，以及協作研究金、研究影響基金及卓越學科領域計劃的撥款建議，並對主題研究計劃的申請作初步考慮。

學科小組

以下五個學科小組輔助研資局的工作：

- 生物學及醫學
- 商學
- 工程學
- 人文學及社會科學
- 自然科學

這五個學科小組負責評審優配研究金、傑出青年學者計劃、人文學及社會科學傑出學者計劃及合作研究計劃等的申請建議書及監察獲資助的項目。學科小組的成員為本地學者及非本地學者。

學科小組一般於每年6月在研資局的會議舉行前召開會議，主要目的是審批撥款申請，並監察進展中項目的進度，以及對已完成項目進行評核。

學科小組的成員及外部評審員負責審批研究金的申請，他們均為有關學科的海內外學者。學科小組在會議後向研資局提交建議，推薦那些項目應獲得撥款。

Collaborative Research Fund Committee

The Collaborative Research Fund is provided to the UGC-funded universities for the procurement of major research facilities and/or equipment or library collections which could not otherwise be afforded by one university and which could be used for collaborative research or group research activities that operate across disciplines and/or normal institutional boundaries.

The Collaborative Research Fund Committee is charged with selecting proposals for funding support, as well as monitoring the funded projects.

Major Projects Steering Committee

The Major Projects Steering Committee oversees the Theme-based Research Scheme and the Areas of Excellence Scheme. In respect of the Theme-based Research Scheme, the Committee advises the RGC on the criteria for selecting Theme-based Research Scheme proposals and monitors the funded projects. The Theme-based Research Scheme Selection Panel under the Major Projects Steering Committee assists in implementing the shortlisting, assessment and monitoring of projects.

In respect of the Areas of Excellence Scheme, the Committee advises the RGC on the strategy and criteria for selecting potential areas of excellence, identifies and prioritizes such proposals for funding support, as well as monitors funded projects.

Steering Committee on Research Themes and Topics

The Steering Committee on Research Themes and Topics was established in November 2017 to advise the RGC on selection of appropriate themes and grand challenge topics for the Theme-based Research Scheme.

Research Impact Fund Committee

The Research Impact Fund was established in 2018 to encourage more impactful research and foster more collaborative efforts with stakeholders beyond academia.

The Research Impact Fund Committee is responsible for selecting proposals for funding support and will also be responsible for monitoring the funded projects.

協作研究金委員會

協作研究金向教資會資助大學提供資助，購置單一大學難以負擔的大型研究設備、儀器及圖書館資料，以進行跨學科及／或跨院校而具合作性的集體研究工作。

協作研究金委員會負責評審申請建議書，並監察獲資助項目的進度。

大型研究項目督導委員會

大型研究項目督導委員會負責監督主題研究計劃及卓越學科領域計劃。在主題研究計劃方面，督導委員會會就甄選主題研究計劃建議書的準則向研資局提供意見，以及監察獲資助的項目。督導委員會轄下的主題研究計劃遴選小組協助執行甄選、評核及監察各研究項目。

至於卓越學科領域計劃，督導委員會會在策略和準則上，向研資局就甄選具發展潛質的卓越學科領域方面提供意見，並挑選值得資助的建議和訂出優先次序，以及監察獲資助的項目。

研究主題及題目督導委員會

研究主題及題目督導委員會於2017年11月成立，負責向研資局就主題研究計劃選取合適主題和具挑戰性題目提供意見。

研究影響基金委員會

研究影響基金成立於2018年，旨在鼓勵本地大學進行更具影響力的研究，並推動與學術界以外的持份者更多合作的機會。

研究影響基金委員會負責評審申請建議書，並將負責監察獲資助的項目。

Joint Laboratory Funding Scheme Selection Panel

The one-off Joint Laboratory Funding Scheme aims to enhance the research infrastructure of the joint laboratories between the Chinese Academy of Sciences and Hong Kong universities in Hong Kong so as to better equip them to conduct impactful research.

The Joint Laboratory Funding Scheme Selection Panel is responsible for selecting proposals for funding support and monitoring the funded projects.

Steering Committee on Competitive Research Funding for the Self-financing Degree Sector

The Steering Committee on Competitive Research Funding for the Self-financing Degree Sector was established in October 2013 to oversee the implementation details of the Faculty Development Scheme, the Inter-Institutional Development Scheme, and the Institutional Development Scheme, such as formation of assessment panel, formulation of application process and procedures, eligibility and assessment criteria, monitoring and assessment of approved projects, and to put forward funding recommendations for consideration by the RGC.

Hong Kong PhD Fellowship Scheme Steering Committee

The Hong Kong PhD Fellowship Scheme Steering Committee was established to steer and oversee the implementation of the scheme. The Committee comprises the RGC Chairman, one RGC Member, and one member from each UGC-funded university. This is to ensure that the scheme runs effectively and ties in with the student recruitment exercises of the universities.

Disciplinary Committees

The RGC attaches great importance to research integrity. Researchers are expected to observe the highest standard of integrity in the conduct of their research funded under the funding schemes administered by the RGC. Any research misconduct found will be dealt with fairly and seriously. To this end, the RGC set up three Disciplinary Committees (DCs), namely DC (Investigation), DC (Penalty) and DC (Appeal), to handle cases of alleged research misconduct.

聯合實驗室資助計劃遴選小組

一次性的聯合實驗室資助計劃旨在提升中國科學院與本港大學聯合實驗室的研究基礎設施，以進行具影響力的研究。

聯合實驗室資助計劃遴選小組負責評審建議書和監察獲資助的項目。

自資學位界別競逐研究資助督導委員會

自資學位界別競逐研究資助督導委員會於2013年10月成立，負責督導教員發展計劃、跨院校發展計劃及院校發展計劃推行的詳情，例如組成評審委員會、制定申請手續及處理程序、申請人資格及評核準則、監察及評核受資助的項目，以及提交撥款建議，供研資局考慮。

香港博士研究生獎學金計劃督導委員會

香港博士研究生獎學金計劃督導委員會成立的目的是在督導和監察計劃的推行。委員會由研資局主席、一名研資局成員及每間教資會資助大學一名成員組成，以確保這項計劃在配合大學的收生程序下得以順利推行。

紀律委員會

研資局十分著重學術研究的操守，期望受資助項目的研究員在進行研究時遵守最高的操守標準。如發現任何不當研究行為，研資局定當公正及嚴肅地處理。為此，研資局成立了三個紀律委員會，分別為紀律委員會(調查)、紀律委員會(罰則)和紀律委員會(上訴)，以處理涉嫌不當研究行為的個案。

The Research Grants Council and its Organisation 研究資助局及其架構

The DC (Investigation) gives advice to the RGC on the investigation procedures in handling alleged misconduct and make recommendations to the RGC on whether the alleged cases are substantiated or not; the DC (Penalty) gives advice to the RGC on principles and guidelines in determining the level of penalty and make recommendations to the RGC on the level of penalty to be imposed on substantiated cases; and the DC (Appeal) handles appeal cases if they arise and gives advice to the RGC on policies and procedures in handling appeal cases.

Membership details of various RGC committees/panels for 2018/19 are in Appendix C.

紀律委員會(調查)就處理涉及不當研究行為的調查程序向研資局提供意見，並就個案的指控是否成立向研資局作出建議；紀律委員會(罰則)就決定刑罰水平的原則和指引向研資局提供意見，並就指控成立的個案的刑罰水平向研資局作出建議；而紀律委員會(上訴)則處理可能出現的上訴個案，並就處理上訴個案的政策及調查程序向研資局提供意見。

2018/19年度各研資局委員會／學科小組的成員名單詳列於附錄C。

Research Endowment Fund

The Task Force on Review of Research Policy and Funding (TFRPF) led by Professor Tsui Lap-chee recommended doubling the overall competitive research funding and rationalising the use of different pots of endowment of the fund for more effective deployment of funding. Following the Government's acceptance of the recommendation and commitment made in the 2018 Policy Address, the HK\$20-billion injection cum rationalisation proposal was approved by the Finance Committee (FC) of the Legislative Council (LegCo) in June 2019. While the rationalisation of different pots of endowment will take immediate effect, the HK\$20-billion injection is expected to be in place in the second half of 2019. As it takes at least one year to generate investment income from the new injection, it is expected that the RGC funding will be substantially increased in 2021/22 the earliest, with the investment income generated from the injection to be used for (i) sustaining the level of research funding; (ii) providing funding for the Research Impact Fund launched by the RGC to render continued funding support for impactful research; and (iii) providing additional funding for the RGC to encourage cross-institutional/cross-disciplinary collaborations through its collaborative research funding schemes. In the meantime, the RGC will explore further one-off measures to enhance research funding using existing resources.

Earmarked Research Grants

Part of the investment income of the Research Endowment Fund provides the source of funding to the Earmarked Research Grants to support research projects and research activities. It is the main form of funding for academic research in the eight UGC-funded universities and is allocated on a competitive basis.

The Earmarked Research Grants complement the Block Grants from the UGC, part of which provide universities with funds for research infrastructure and outlays such as researchers' salaries, laboratory costs and other expenses (e.g. accommodation and equipment) related to UGC or RGC-funded research.

In the 2018/19 academic year, the RGC allocated about HK\$891 million for the Earmarked Research Grants.

Theme-based Research Scheme

Part of the investment income of the Research Endowment Fund is deployed to support the Theme-based Research Scheme involving themes of a more long-term nature and strategically beneficial to the development of Hong Kong.

研究基金

由徐立之教授領導的檢討研究政策及資助專責小組建議，倍增競逐研究的撥款及理順研究基金各類款項的運用限制，使能更靈活有效地調配撥款資源。隨着政府接納相關建議，並於2018年施政報告中作出承諾，立法會財務委員會於2019年6月通過向研究基金注資200億港元並理順基金運用的撥款建議。理順基金各類款項運用限制的措施隨即生效，而200億港元注資可望於2019年下半年到位。由於新注資需時至少一年獲取投資收入，預計研資局撥款額可最早於2021/22年度大幅提升，支援以下研究用途：(一)維持研究撥款水平；(二)為研究影響基金提供撥款，以持續資助具影響力的研究；及(三)為研資局的協作研究撥款計劃提供額外撥款，以鼓勵跨院校／跨學科協作。在此期間，研資局會研究進一步的一次性措施，運用現有資源去增加研究撥款。

研究用途補助金

研究用途補助金的資金來自研究基金中賺取的部份投資收益，用以資助研究項目及活動。研究用途補助金是本地八所受教資會資助大學進行學術研究的主要資金來源，並會以競逐形式決定撥款水平。

研究用途補助金與教資會向各大學提供的整體補助金相輔相成。部份整體補助金可用作支付研究基礎設施、研究人員的薪酬、實驗室開支，以及教資會及研資局資助的其他研究項目的一般費用(例如辦公室地方及設備)。

於2018/19學年，經研資局所分配的研究用途補助金總額約為8.91億港元。

主題研究計劃

從研究基金賺取的部份投資收益，用作資助主題研究計劃，以進行較長期及策略上有利於香港發展的主題研究。

Tuition Waiver for Local Research Postgraduate (RPg) Students

Part of the investment income of the Research Endowment Fund will be deployed to provide non-means-tested tuition waiver for all local students enrolled in UGC-funded RPg programmes commencing from 2018/19 academic year, so as to incentivise more local students to pursue RPg programmes to build up a pool of local research talents to sustain Hong Kong's competitiveness and propel the development of the higher education sector.

Competitive Research Funding Schemes for Local Self-financing Degree Sector

Part of the investment income of the Research Endowment Fund is deployed to support the Faculty Development Scheme, the Inter-Institutional Development Scheme and the Institutional Development Scheme to develop the research capacity of the local self-financing degree sector.

UGC Funds

Areas of Excellence Scheme

The Areas of Excellence Scheme was launched by the UGC in 1998 to enable the UGC-funded universities to build upon their existing strengths and develop them into areas of excellence. The scheme is now administered by the RGC. The funding of around HK\$90 million per annum continued to come from the UGC.

Research Impact Fund

Research Impact Fund was established in 2018 by the UGC to encourage more impactful research and foster more collaborative efforts with stakeholders beyond academia.

The UGC allocated HK\$200 million representing funding for the 2016-19 triennium as budget of the 2018/19 exercise. The scheme is administered by the RGC.

Joint Laboratory Funding Scheme

The one-off Joint Laboratory Funding Scheme was established in 2018 by the UGC to enhance the research infrastructure of the joint laboratories between the Chinese Academy of Sciences and Hong Kong universities in Hong Kong so as to better equip them to conduct impactful research.

本地研究生學費豁免計劃

從研究基金賺取的部份投資收益，由2018/19學年開始為修讀教資會資助研究院研究課程的所有本地學生提供免入息審查學費豁免，以鼓勵更多本地學生報讀研究院研究課程，從而培育本地研究專才，以維持香港的競爭力，並推動本港高等教育界別的發展。

本地自資學位界別競逐研究資助計劃

從研究基金中賺取的部份投資收益，用作資助教員發展計劃、跨院校發展計劃及院校發展計劃，以發展本地自資學位界別的研究能力。

教資會撥款

卓越學科領域計劃

教資會於1998年推出卓越學科領域計劃，旨在鞏固及發揮香港在研究方面的現有優勢，並使其發展為卓越學科領域。計劃現由研資局負責管理。教資會繼續為計劃提供撥款，每年約9,000萬港元。

研究影響基金

教資會於2018年成立研究影響基金，以鼓勵研究人員積極考慮更具影響力的研究項目，並促進他們與學術界以外的持份者合作。

教資會撥款2億港元，代表2016-19三年期的資金，作為研究影響基金2018/19年度的預算。計劃由研資局負責管理。

聯合實驗室資助計劃

教資會於2018年設立一次性的聯合實驗室資助計劃，以提升中國科學院與本港大學設立的聯合實驗室的研究基礎設施，以進行具影響力的研究。

The UGC allocated HK\$30 million as the budget of the scheme. The scheme is administered by the RGC.

Hong Kong PhD Fellowship Scheme

Established in 2009 by the RGC, the Hong Kong PhD Fellowship Scheme aims at attracting the best and brightest students in the world to pursue their PhD programmes in Hong Kong's UGC-funded universities.

The Fellowship provides a monthly stipend and an annual conference and research related travel allowance for the awardees for a period of three years. The amounts of monthly stipend and annual travel allowance for 2018/19 academic year are HK\$25,100 and HK\$12,600 respectively. Thereafter, such amount will be adjusted annually before the start of academic year.

Research Matching Grant Scheme

Following the Government's acceptance of the recommendation made by the TFRPF, the HK\$3-billion funding proposal of launching the Research Matching Grant Scheme was approved by the FC of the LegCo in June 2019. The Research Matching Grant Scheme, aiming to allow the sector to diversify research funding sources and incentivise more contribution and collaboration from the private sector, will be open for accepting applications with effect from 1 August 2019 for a period of three years.

Three New RGC Fellowship Schemes

A recurrent expenditure of HK\$190 million per annum has been reserved following the Government's announcement in the 2018 Policy Address to support the RGC to introduce three new regular fellowship schemes, which was also a recommendation made by the TFRPF. To provide further support and recognition to the research staff force and assist the universities to attract and retain talent, the three new regular fellowship schemes, namely RGC Postdoctoral Fellowship Scheme, RGC Research Fellow Scheme and RGC Senior Research Fellow Scheme, will be launched in the 2019/20 academic year with debut call for nominations, and be run on a regular basis thereafter to benefit post-doctoral fellows as well as researchers at Associate Professor and Professor ranks.

教資會撥款3,000萬港元作為聯合實驗室資助計劃的預算。計劃由研資局負責管理。

香港博士研究生獎學金計劃

研資局於2009年成立香港博士研究生獎學金計劃。此項計劃旨在吸引世界各地優秀的研究生，來港在教資會資助大學修讀以研究為本的博士學位課程。

獎學金將為獲獎的博士研究生提供每月津貼，以及每年會議及研究活動交通津貼，為期三年。在2018/19學年，每月津貼及每年交通津貼分別為2.51及1.26萬港元，有關的津貼水平會於每學年初進行調整。

研究配對補助金計劃

隨着政府接納檢討研究政策及資助專責小組的建議，立法會財務委員會於2019年6月通過撥款30億港元，設立研究配對補助金計劃。計劃將於2019年8月1日起公開接受申請，為期三年，旨在讓高等教育界的研究經費來源更趨多元化，及積極推動私營機構提供研發開支和捐款，並加強協作。

研資局三項全新傑出學者計劃

隨着政府於2018年施政報告宣布，接納檢討研究政策及資助專責小組的建議，支持研資局推展三項恒常的新傑出學者計劃，所需的每年約1.9億港元經常開支前已獲批。此三項計劃分別名為研資局博士後獎學金計劃、研資局研究學者計劃及研資局高級研究學者計劃，將於2019/20學年首度推行，接受提名，其後每年恒常由研資局推行。我們希望三項新計劃能惠及博士後、副教授級及教授級的研究人員，為本地研究界提供更有力的支援及認同，有助大學吸引和挽留研究人才。

Research Funding Schemes and RGC Activities

研究資助計劃及研資局的工作

RGC Activities funded by Research Endowment Fund

研資局由研究基金資助的工作總覽

HIGHLIGHTS

提要

In the 2018/19 academic year, the total funding available for the Earmarked Research Grants was about HK\$891 million.

2018/19學年研究用途補助金總額約為8.91億港元。

Allocation of the Earmarked Research Grants: 2018/19 Academic Year

2018/19學年研究用途補助金的分配

How the Earmarked Research Grants were Allocated

研究用途補助金的具體分配

The bulk of Earmarked Research Grants funding was allocated by the RGC in response to competitive bids received from the universities. Funding was budgeted for six broad categories as follows:

研資局研究用途補助金主要透過競爭形式撥予各大學成功申請資助計劃的研究項目。研究用途補助金撥款預算主要分為六大類別：

- HK\$600 million in response to competitive bids received under the annual General Research Fund exercise. To cater for special research needs in specific areas, funding has been earmarked to support special needs under the General Research Fund:
 - “Clinical Research Fellowship” to support young medical fellows conducting clinical research.
 - “Employment of Relief Teacher under the Humanities and Social Sciences Disciplines” to free up the Principal Investigators’ time for personal research and writing.
 - “Provision of Research Experience for Undergraduate Students” to provide undergraduate students with opportunities of working with researchers of the General Research Fund projects and gaining research experience.
- 6億港元撥予成功申請本年度的優配研究金的項目。為支持某些範疇在研究上的特別需要，優配研究金計劃設立指定用途的款項，以資助有關的需要：
 - 為支持年輕臨床醫學人員進行臨床醫學研究而設的「臨床醫學研究資助計劃」。
 - 「聘請替假教師安排」專為人文學及社會科學的研究項目而設，其目的是提供資助讓首席研究員聘請替假教師代替其教學工作，以騰出工作時間從事研究及寫作。
 - 「本科生研究津貼」為本科生提供機會與獲優配研究金資助的項目研究人員共同工作，讓他們汲取研究經驗。

- HK\$92 million reserved for the Early Career Scheme to support and nurture junior new academics with a view to attracting the best junior faculty academics to strengthen the teaching-research nexus.
- HK\$110 million reserved for the Collaborative Research Fund to strengthen the research base, and support group research proposals that promote academic collaboration among universities and synergy between research teams.
- HK\$49 million reserved for the Joint Research Schemes established with other regions.
- HK\$10 million reserved for the Humanities and Social Sciences Prestigious Fellowship Scheme to enhance support to research in disciplines under the Humanities and Social Sciences Panel.
- HK\$1.2 million for the Research Postgraduate Students Conference/Seminar Grants to support inter-institutional and inter-disciplinary exchanges among postgraduates and to provide opportunities for them to meet and interact with overseas scholars.
- 9,200萬港元撥作傑出青年學者計劃，用於支持及培育新進的青年學者，以吸引最傑出的青年學者加強發展教學研究紐帶。
- 1.1億港元撥作協作研究金，用於鞏固研究基礎，以及資助由不同大學及研究隊伍共同參與的集體合作研究項目，以鼓勵大學在學術上的合作及發揮協同效應。
- 4,900萬港元撥款，供與其他地區合辦的合作研究計劃之用。
- 1,000萬港元撥作人文學及社會科學傑出學者計劃，為人文學及社會科學學科的學者提供更佳支援。
- 120萬港元撥作支持研究生進行跨院校及跨學科的交流活動，以及與海外學者會面及交流。

HIGHLIGHTS
提要

In the 2018/19 academic year, the total General Research Fund allocation was HK\$592 million, supporting 989 projects. As at 30 June 2019, the number of on-going projects is 4 588.

在2018/19學年，優配研究金撥款總額達5.92億港元，資助研究項目達989個。截至2019年6月30日，4 588個資助研究項目仍在進行中。

General Research Fund

Altogether, 2 945 proposals across a wide range of subject disciplines were received under the General Research Fund exercise, seeking grants totaling HK\$2.84 billion. The bids were initially reviewed by external reviewers, and then assessed by the relevant Subject Panels.

Following rigorous peer review via the RGC's international network of external reviewers, on advice from the Subject Panels, the RGC approved allocating an amount of HK\$592 million to support 989 projects with an average grant of about HK\$0.60 million in the 2018/19 academic year. The overall success rate is 34%.

Allocation of the General Research Fund for the 2018/19 academic year by broad subject category is summarised in Chart 3.1.

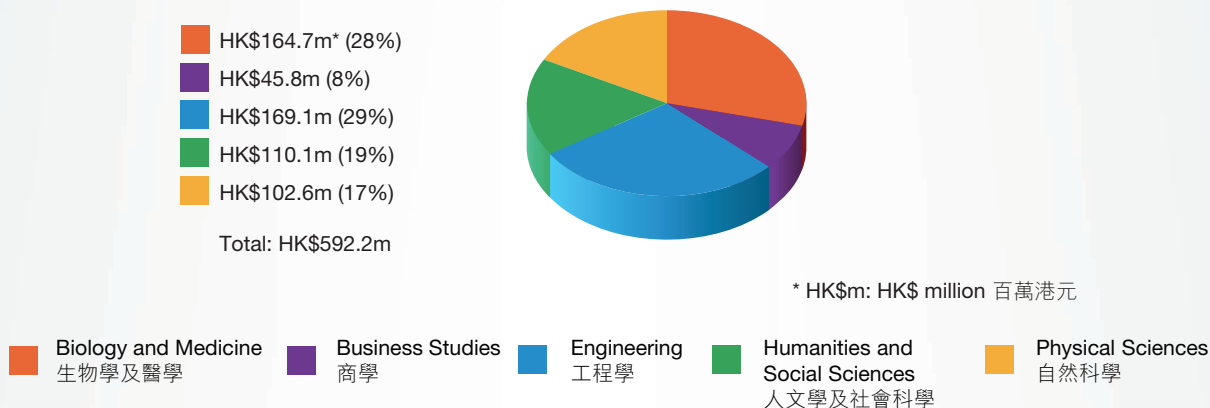
優配研究金

是年度向研資局申請優配研究金的研究項目共2 945個，研究範圍廣泛，申請金額達28.4億港元。申請先由外部評審員評審，再由有關的學科小組作出審閱。

經研資局的外部評審員國際網絡進行嚴格學者評審後，研資局根據學科小組的意見，於2018/19學年撥出5.92億港元予989個研究項目，平均每項項目約獲撥款60萬港元，整體成功率為34%。

表3.1列出2018/19學年各學科所獲優配研究金的分配。

Chart 3.1: Allocation of the General Research Fund by Broad Subject Category in the 2018/19 Academic Year
表3.1：2018/19學年各學科所獲優配研究金的分配



Note: Figures may not add up to the total due to rounding.

註：由於進位原因，合計之數未必等於全部數字的總和。

- **Clinical Research Fellowship**

The RGC awarded research fellowship to support young clinicians in undertaking clinical research. The scheme has been implemented in close partnership with the two local universities which offer medical training (i.e. The Chinese University of Hong Kong and The University of Hong Kong) and is part of the overall efforts to create more opportunities for promising clinicians to be exposed to and to engage in clinical research.

Under the scheme, a supported fellow would be awarded an annual grant equally contributed by the RGC and the hosting university for up to three years to undertake and complete a clinical research project. The amount of fellowship award for each application is capped at HK\$1.2 million per year.

- **Employment of Relief Teacher under the Humanities and Social Sciences Disciplines**

The objective of this funding support is to address the special needs of the Humanities and Social Sciences academics. The humanities and social sciences projects normally require employment of relief teachers to free up the Principal Investigators' time for personal research and writing, rather than funding for research assistants and research infrastructure (e.g. equipment). The duration of employment of relief teachers normally ranges from four to a maximum of 12 months for a typical 24 to 36-month project.

- **Provision of Research Experience for Undergraduate Students**

This scheme is to provide undergraduate students with opportunities of working with researchers of the General Research Fund projects and gaining research experience. Principal Investigators can include the provision of a monthly allowance of up to HK\$2,500 to an undergraduate student helper for a maximum period of ten months for each General Research Fund application. The universities have agreed to provide the same amount of allowance to the students as the RGC on a matching basis so as to allow more students to benefit from the scheme.

- **臨床醫學研究資助計劃**

研資局在優配研究金中，提供研究獎助金，以支持年輕臨床醫學人員進行臨床醫學研究。該計劃乃與香港中文大學及香港大學兩家提供醫療訓練的本地大學緊密合作推行，致力為具潛質的臨床醫學人員提供更多機會，以參與及從事臨床醫學的研究。

此計劃讓獲資助者每年獲得由研資局及所屬大學提供相等份額的撥款，最多資助三年，以從事及完成臨床醫學研究計劃。此計劃每個申請的資助金額上限為每年120萬港元。

- **人文學及社會科學學科的聘用替假教師安排**

此計劃設立的目的是為照顧人文學及社會科學學者的特別需要。這些學科的研究項目多涉及個人研究或撰寫工作，需要首席研究員騰出工作時間來進行，並非可以聘用研究助理或購置研究設施來完成，故需聘請替假教師代替其教學工作，以騰出時間從事研究及寫作。一般而言，24至36個月的研究項目可申請聘用四個月至最多12個月的替假教師。

- **本科生研究津貼**

此計劃為本科生提供與優配研究金獲資助研究項目的研究人員一同工作的機會，讓他們汲取研究經驗。首席研究員可於申請建議書中申請為本科生提供為期最多十個月，每月2,500港元的津貼。大學亦已同意提供與研資局相等份額的撥款，令更多本科生受惠。

HIGHLIGHTS 提要

In the 2018/19 academic year, the total Early Career Scheme allocation approved was HK\$87 million supporting 153 projects. As at 30 June 2019, the number of on-going projects is 691.

在2018/19學年，傑出青年學者計劃撥款總額約8,700萬港元，資助研究項目達153個。截至2019年6月30日，691個資助研究項目仍在進行中。

Early Career Scheme

The Early Career Scheme aims at nurturing new junior faculty members.

A total of 381 proposals were received under the Early Career Scheme, seeking grants totaling HK\$296 million. Like the bids for the General Research Fund, the bids were first reviewed by external reviewers, and then assessed by the relevant Subject Panels.

Following rigorous peer review via the RGC's international network of external reviewers, on advice from the Subject Panels, the RGC awarded an amount of HK\$87 million to support 153 projects with an average grant of about HK\$0.57 million in the 2018/19 academic year. The overall success rate is 40%.

Allocation of the Early Career Scheme for the 2018/19 academic year by broad subject category is summarised in Chart 3.2.

傑出青年學者計劃

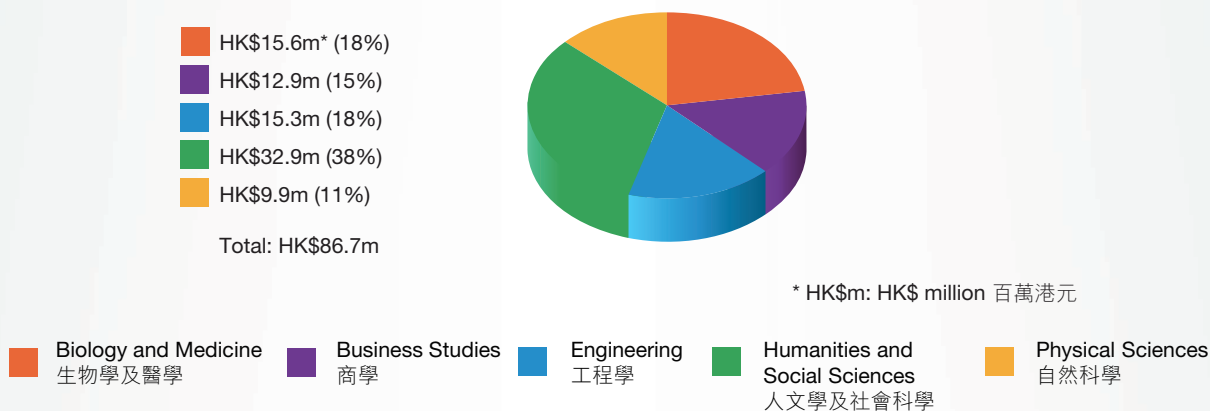
傑出青年學者計劃的目的旨在培育新進的青年學者。

傑出青年學者計劃接獲研究項目申請共381個，申請金額達2.96億港元。與優配研究金的申請相同，申請會先由外部評審員評審，再由有關的學科小組作出審閱。

經研資局的外部評審員國際網絡進行嚴格學者評審後，研資局根據學科小組的意見，於2018/19學年撥出8,700萬港元予153個研究項目，平均每個項目約獲撥款57萬港元。整體成功率為40%。

表3.2列出2018/19學年各學科所獲傑出青年學者計劃的分配。

Chart 3.2: Allocation of the Early Career Scheme by Broad Subject Category in the 2018/19 Academic Year
表3.2：2018/19學年各學科所獲傑出青年學者計劃的分配



Note: Figures may not add up to the total due to rounding.

註：由於進位原因，合計之數未必等於全部數字的總和。

HIGHLIGHTS
提要

In the 2018/19 academic year, the total Collaborative Research Fund allocation was HK\$110 million supporting 20 projects. As at 30 June 2019, the number of on-going projects is 71.

在2018/19學年，協作研究金撥款總額為1.1億港元，資助研究項目達20個。截至2019年6月30日，71個資助研究項目仍在進行中。

Collaborative Research Fund

The Collaborative Research Fund (CRF) is provided to the UGC-funded universities for the procurement of major research facilities and/or equipment or library collections to support collaborative research, or group research activities that operate across disciplines and/or normal institutional boundaries.

The CRF exercise adopts a two-stage application process consisting of submission of preliminary and full proposals. In the 2018/19 academic year, the RGC received a total of 224 preliminary proposals, consisting of 24 equipment bids and 200 group research applications, seeking grants totalling HK\$114 million and HK\$1,497 million respectively.

After a peer review process and interviews of selected research teams by the Collaborative Research Fund Committee (CRFC), 20 full proposals were eventually funded at a total amount of HK\$110 million.

From the 2008/09 academic year onwards, the RGC holds an annual CRF Symposium for on-going funded projects to facilitate exchange of views among the CRFC members, research teams and researchers from various universities.

The 2018 Symposium was held in December 2018 at the City University of Hong Kong. 14 on-going projects funded in the 2016/17 academic year were presented in the Symposium.

協作研究金

協作研究金向由大學合作的研究項目提供資助，購置主要的研究設備、儀器或圖書館資料以進行協作研究，或讓院校進行跨學科及／或跨院校的集體研究。

協作研究金計劃採用兩個階段的申請程序，包括提交初步及具體建議書。研資局於2018/19學年共接獲224份初步建議書，包括24份購置器材的申請及200項資助集體合作研究的申請，申請資助額分別為1.14億港元及14.97億港元。

經過學者評審及協作研究金委員會與個別研究隊伍會面後，研資局落實資助其中20項申請，資助總額為1.1億港元。

由2008/09學年起，研資局為進行中的研究項目舉辦周年協作研究金研討會，以促進協作研究金委員會委員與研究隊伍及不同大學的研究人員的交流。

2018年度協作研究金研討會已於2018年12月假香港城市大學舉行。在是次研討會中，發佈了14個於2016/17學年獲資助的研究項目的中期成果。

HIGHLIGHTS 提要

In the 2018/19 academic year, the total Joint Research Schemes allocation was HK\$42.80 million for the Joint Research Schemes with different regions supporting 61 collaborative projects and exchange fellowships. As at 30 June 2019, the number of on-going projects is 167.

在2018/19學年，研資局與不同地區分別合辦的合作研究計劃撥款總額為4,280萬港元，共資助61個研究合作項目及交流計劃。截至2019年6月30日，167個資助研究項目仍在進行中。

Joint Research Schemes

Project Grants

- **National Natural Science Foundation of China (NSFC)/RGC Joint Research Scheme (JRS)**

The National Natural Science Foundation of China/RGC Joint Research Scheme was launched in November 1998. The scheme aims to promote collaboration in research between researchers/research teams in Hong Kong and their counterparts in Mainland China, in areas of common interest to complement each other's strengths. There are six focus areas:

- Information Technology
- Life Science
- Management Science
- Marine and Environmental Science
- Medicine
- New Materials Science

The scheme provides funding to support actual expenses, inclusive of passage and subsistence. In the 2018/19 academic year, a total of 190 eligible preliminary research proposals and two applications for conference grants were received, seeking a total of HK\$226 million of RGC grants. After shortlisting, and in consultation with the National Natural Science Foundation of China, 71 research proposals were selected for submission of full proposals.

Following a peer review process and detailed discussions by the Joint Selection Committee comprising experts from both the National Natural Science Foundation of China and the RGC, 23 research proposals were selected for funding support at a total amount of HK\$26 million. Moreover, one conference proposal was selected for funding by the RGC at HK\$250,000.

合作研究計劃

項目補助金

- **國家自然科學基金委員會及香港研資局聯合科研資助基金**

研資局與國家自然科學基金委員會於1998年11月成立聯合科研資助基金。此計劃旨在促進香港與內地的研究人員或隊伍在雙方具有共同興趣的範圍上展開合作研究，以收相輔相成之效。資助的合作範疇為以下六個重點領域：

- 信息科學
- 生物科學
- 管理科學
- 海洋與環境科學
- 醫學科學
- 新材料科學

此計劃支持研究的實際開支，包括交通及生活費。計劃於2018/19學年內共收到190份合資格的初步研究建議書以及兩個會議項目的申請，申請金額約2.26億港元。經研資局與國家自然科學基金委員會的甄選，71個研究項目獲選可提交具體建議書。

申請經由學者評審，並經過國家自然科學基金委員會與研資局共同組成的聯合甄選委員會詳細討論，決定對23個研究項目提供資助，資助總額為2,600萬港元。另外，研資局亦資助了一個會議項目，資助額為25萬港元。

- **The French National Research Agency/RGC Joint Research Scheme**

Launched in the 2012/13 academic year, this scheme aims to further strengthen the collaboration between French and Hong Kong research communities in areas of mutual interest.

In the 2018/19 academic year, 26 eligible applications were received, seeking total RGC grants of HK\$72.06 million. Following a peer review process and rigorous selection by the experts from the French National Research Agency and the RGC, three proposals were selected for funding support with total RGC grants of HK\$7.90 million.

- **European Union (EU)-Hong Kong Research and Innovation Co-funding Mechanism by RGC**

Launched in the 2016/17 academic year and formerly known as the European Commission/RGC Collaboration Scheme, this scheme supports the participation of researchers in universities funded by the UGC in Hong Kong in joint research projects conducted under the framework of the European Union's "Horizon 2020". Both research project proposals in science disciplines (viz. biology and medicine, engineering and physical sciences) and exchange proposals in all disciplines are accepted.

Two rounds of exercise were held in the 2018/19 academic year. Four applications were received, seeking about HK\$10.01 million of RGC grants. Two applications were supported with total RGC grants of HK\$5.64 million.

- **法國國家科研署與研資局合作研究計劃**

本計劃於2012/13學年推出，旨在進一步加強香港與法國的科研人員就兩地有共同興趣的領域上的合作。

在2018/19年度，研資局共收到26份合資格的申請，申請金額約7,206萬港元。經學者評審及研資局與法國國家科研署的嚴格甄選後，選出三份申請批予資助。研資局合共批出790萬港元。

- **歐洲聯盟(歐盟)與香港研究資助局研究及創新合作計劃**

本計劃於2016/17學年推出，之前名為「歐洲委員會與研究資助局合作計劃」，旨在推動歐盟與香港兩地學者的學術研究及合作，並資助香港研究人員參與在歐盟「地平線2020」框架下的合作研究項目。此合作計劃接受研究項目(適用於生物學及醫學、工程學及自然科學等學科)及交流項目(適用於所有學科)的申請。

研資局於2018/19學年進行了兩輪計劃，合共收到四份申請，申請金額約1,001萬港元，最終兩份申請獲批資助，資助總額為564萬港元。

Travel/Conference Grants

- **Germany/Hong Kong Joint Research Scheme**

In the 1996/97 academic year, in collaboration with the German Academic Exchange Service (DAAD), the RGC launched a joint research scheme to encourage collaborative research between scholars in Germany and Hong Kong.

The grants provide researchers with passage and a subsistence allowance for a maximum period of two years, enabling them to visit their counterparts to discuss or conduct research. The scheme is operated on an annual basis.

In the 2018/19 academic year, 40 applications covering a wide range of subjects were received, seeking about HK\$2.94 million of RGC grants. Experts from both Hong Kong and Germany jointly selected 14 research proposals for about HK\$1.15 million RGC grants.

- **PROCORE – France/Hong Kong Joint Research Scheme**

In 1998, the RGC and the French Consulate in Hong Kong agreed to launch a joint research scheme to encourage and promote scientific collaboration between France and Hong Kong by providing grants for researchers to make exchange visits.

In the 2018/19 academic year, a total of 26 applications were received. Among these applications, 21 were travel grant requests and five were conference/workshop grants applications. The total amount of RGC grants sought was about HK\$1.88 million.

Of these, 11 applications including 10 travel grants and one conference/workshop grant were approved, with about HK\$0.77 million RGC grants awarded.

旅費／會議補助金

- **德國與香港合作研究計劃**

1996/97學年，研資局與德國學術交流協進會合作，推出合作研究計劃，促進德國與香港學者合作進行研究。

撥款用於支付研究人員為期最多兩年的交通及生活津貼，讓兩地的研究人員攜手合作，商討及進行研究。此計劃每年進行一次遴選。

在2018/19學年，雙方共接獲的申請有40份，涵蓋學科甚為廣泛，申請金額約294萬港元。本港及德國的學者最終共同選出14份申請予以資助，研資局給予的資助金額約115萬港元。

- **法國與香港合作研究計劃**

1998年，研資局與法國駐港領事館協議合辦此項合作研究計劃，資助研究人員互訪交流，藉以鼓勵及促進法國與香港合作進行科學研究。

2018/19學年，雙方共接獲26份申請，其中21份是旅費補助金申請，其餘五份是會議／工作坊補助金申請。申請金額約188萬港元。

在上述申請中，共有11份申請獲得撥款，其中十份是旅費補助金申請，一份是會議／工作坊補助金申請，研資局批出的資助金額約77萬港元。

Fellowships

- **Fulbright-RGC Hong Kong Senior Research Scholar/Research Scholar Award Programmes**

Since the 2002/03 academic year, the RGC has collaborated with the US Consulate-General in Hong Kong in launching the Fulbright – RGC Hong Kong Senior Research Scholar Award Programme (Senior Programme) to support Hong Kong scholars to undertake research work in the United States. The programme awards fellowships, each at a maximum of HK\$0.35 million for up to ten months in each year. A supplementary grant of up to HK\$0.15 million per application may be provided to meet research expenses in justified cases. In the 2018/19 exercise, this Senior Programme attracted ten applications. Two local scholars were supported with roughly HK\$0.59 million.

In addition, the Fulbright-RGC Hong Kong Research Scholar Award Programme (Junior Programme) was first launched in the 2006/07 academic year. The programme provides sponsorship of up to HK\$0.12 million for ten months to each local PhD student. In the 2018/19 academic year, 32 applications were received. Five local PhD students were supported with about HK\$0.50 million RGC grants.

研究獎助金

- **富布萊特－研資局香港學人／青年學人計劃**

由2002/03學年開始，研資局與香港美國總領事館合作，推出富布萊特－研資局香港學人計劃，資助香港學者前赴美國進行研究工作。在此計劃下，每位學者可獲最高35萬港元的資助，進行每年為期最多十個月的交流。如有需要，每名申請者最高可獲15萬港元額外津貼，作為支付研究開支之用。此計劃在2018/19學年收到十份申請，以約59萬港元資助了兩位本地學者。

此外，富布萊特－研資局香港青年學人計劃於2006/07學年推出。在這項計劃下，每位本地研究生可獲最高12萬港元進行為期最多十個月的交流。在2018/19學年收到合共32份申請，當中有五位本地研究生獲研資局資助共約50萬港元。

HIGHLIGHTS
提要

In the 2018/19 academic year, HK\$4.52 million was awarded to support seven prestigious investigators under the Humanities and Social Sciences Prestigious Fellowship Scheme. As at 30 June 2019, the number of on-going projects is 22.
在2018/19學年，人文學及社會科學傑出學者計劃撥出452萬港元資助七名傑出學者。截至2019年6月30日，22個資助研究項目仍在進行中。

Humanities and Social Sciences Prestigious Fellowship Scheme

The Humanities and Social Sciences Prestigious Fellowship Scheme was implemented to enhance support to research in disciplines under the Humanities and Social Sciences Panel. The fellowship not only provides resources for the employment of relief teachers, but also cost of travel, subsistence and dissemination of outputs.

After rigorous peer review via the RGC's international network of external reviewers, on the advice of the Selection Committee, the RGC awarded an amount of HK\$4.52 million to support seven prestigious investigators with an average fellowship of about HK\$0.65 million in the 2018/19 academic year. The overall success rate is 29%.

人文學及社會科學傑出學者計劃

人文學及社會科學傑出學者計劃的目的是為人文學及社會科學學科的學者提供更佳支援。計劃不單提供資源聘請替假老師，還包括旅費、生活津貼及發表研究結果的費用。

經研資局的外部評審員國際網絡進行嚴格學者評審後，研資局根據遴選委員會的意見，於2018/19學年撥出452萬港元資助七名傑出學者，平均每名約65萬港元。整體成功率為29%。

HIGHLIGHTS
提要

In the 2018/19 academic year, the RGC provided HK\$0.66 million for the Research Postgraduate Students Conference/Seminar Grants supporting 14 conferences/seminars.

在2018/19學年，研究生會議／研討會補助金撥款額66萬港元，資助14個會議／研討會。

Research Postgraduate Students Conference/Seminar Grants

The grant is provided to support and promote inter-institutional and inter-disciplinary exchanges among postgraduate students of the UGC-funded universities, and to provide opportunities for postgraduate students of these universities to meet and interact with eminent scholars from outside Hong Kong.

Specifically, the scheme aims to facilitate the organisation of locally held inter-institutional conferences/seminars targeted at postgraduate students.

The grant is given in the form of travel grants to cover the travel and associated costs of inviting visiting scholars to attend and speak at conferences/seminars in Hong Kong.

Applications are received all year round. Grants are given subject to the availability of funds set aside by the RGC.

In the 2018/19 academic year, the RGC approved 14 applications with a total funding of HK\$0.66 million.

研究生會議／研討會補助金

是項補助金是為支持及促進受教資會資助大學的研究生進行跨院校及跨學科交流而設，亦資助研究生與海外的卓越學者會面及交流。

是項計劃旨在資助於本地舉行，並以研究生為對象的跨院校會議及研討會。

補助金以補助旅費的形式發放，用以支付邀請學者來港出席會議／研討會及發表演說所需的旅費及有關開支。

此項補助金全年接受申請，批核與否則視乎研資局的預留撥款金額是否有餘而定。

於2018/19學年，研資局批准了14項申請，資助總額為66萬港元。

HIGHLIGHTS 提要

In the 2018/19 academic year, the Theme-based Research Scheme allocated HK\$180 million to support five projects. As at 30 June 2019, the number of on-going projects is 26.

在2018/19學年，主題研究計劃撥款總額達1.8億港元，資助共五個研究項目。截至2019年6月30日，26個資助研究項目仍在進行中。

Theme-based Research Scheme

The objective of the Theme-based Research Scheme (TRS) is to focus academic research efforts of the UGC-funded universities on themes of strategic importance to the long-term development of Hong Kong.

In 2009, Education Bureau (EDB) established the Steering Committee for Research Themes (SCRT) to advise the Government on the selection of themes for TRS. In November 2017, the RGC took up the responsibility and set up the Steering Committee on Research Themes and Topics (SCRTT) to give advice on the selection of themes and grand challenge topics. Decisions regarding research themes and grand challenge topics continue to rest with the Government.

The current four themes for the TRS are:

- (a) Promoting Good Health;
- (b) Developing a Sustainable Environment;
- (c) Enhancing Hong Kong's Strategic Position as a Regional and International Business Centre; and
- (d) Advancing Emerging Research and Innovations Important to Hong Kong

After a review by the RGC in 2018, the Government approved to add three new grand challenge topics, namely "Food Production and Food Security", "Financial Technologies (FinTech) and Regulatory Technologies (RegTech)" and "Artificial Intelligence", starting from the ninth round exercise. Currently, there are a total of 19 grand challenge topics under the four themes.

The funding ceiling under this scheme is HK\$75 million per project for up to five years.

The Eighth Round exercise was held in the 2018/19 academic year. A total of 48 preliminary proposals were received, seeking RGC grants of HK\$2.4 billion. After preliminary selection and a vigorous peer-review process, the RGC allocated HK\$180 million to support five projects.

主題研究計劃

主題研究計劃的目的是集中教資會資助大學的學術研究力量，對香港長遠發展具策略重要性的主題進行研究。

在2009年，教育局成立研究主題督導委員會，就挑選研究主題向政府提供意見。在2017年11月，研資局接手有關工作，並成立研究主題及題目督導委員會，就挑選研究主題及具挑戰性題目提供意見。研究主題和具挑戰性題目仍然由政府作出決定。

現時主題研究計劃的四個主題分別為：

- (一) 促進健康；
- (二) 建設可持續發展的環境；
- (三) 加強香港作為地區及國際商業中心的策略性地位；及
- (四) 促進對香港起重要作用的新興研究及創新項目。

經過研資局於2018年的檢討後，政府批准由第九輪計劃起增加三個新的具挑戰性題目，包括「食物生產及食物安全」、「金融科技及監管科技」及「人工智能」。現時，四個主題下共設有19個具挑戰性題目。

每項主題研究計劃年期最長為五年，每項申請的資助上限為7,500萬港元。

第八輪計劃於2018/19學年舉行。研資局共收到48份初步建議書，申請金額約24億港元。經過初步篩選及嚴格學者評審後，研資局撥款約1.8億港元，資助共五個研究項目。

HIGHLIGHTS
提要

In the 2018/19 academic year, the RGC provided about HK\$37.68 million for the three competitive research funding schemes for the local self-financing degree sector supporting 47 research projects. As at 30 June 2019, the number of on-going projects is 130.

在2018/19學年，研資局就三項供本地自資學位界別競逐的研究資助計劃撥款總額約3,768萬港元，共資助47個研究項目。截至2019年6月30日，130個資助研究項目仍在進行中。

Competitive Research Funding Schemes for the Local Self-financing Degree Sector

The RGC launched three research funding schemes for the local self-financing degree sector, namely the Faculty Development Scheme, the Inter-Institutional Development Scheme and the Institutional Development Scheme (IDS). Starting from the Sixth Round exercise, the IDS was branched out into the Research Infrastructure Grant and the Collaborative Research Grant.

The Fifth Round exercise was held in the 2018/19 academic year. Results were announced in September 2018. Following the completion of the Fifth Round exercise, the Sixth Round exercise started in November 2018. A total of fourteen local self-financing degree-awarding institutions were eligible for the three funding schemes in the Sixth Round exercise, including Caritas Institute of Higher Education, Centennial College, Chu Hai College of Higher Education, Gratia Christian College, The Hang Seng University of Hong Kong, Hong Kong Shue Yan University, The Open University of Hong Kong, Tung Wah College, HKCT Institute of Higher Education, Hong Kong Nang Yan College of Higher Education, Hong Kong Baptist University-School of Continuing Education, The Hong Kong Polytechnic University-School of Professional Education and Executive Development, Technological and Higher Education Institute of Hong Kong and Yew Chung College of Early Childhood Education. The results of the Sixth Round exercise will be announced in September 2019.

本地自資學位界別競逐研究資助計劃

研資局為本地自資學位界別推出三項研究資助計劃，名為教員發展計劃、跨院校發展計劃及院校發展計劃。從第六輪計劃起，院校發展計劃會分為研究基礎設施撥款和協作研究撥款。

第五輪計劃已於2018/19學年舉行。申請結果已於2018年9月公布。隨着第五輪計劃的結束，第六輪計劃已在2018年11月展開。共有十四所本地可頒授學位的自資院校符合參與上述三項研究資助計劃的資格，分別為明愛專上學院、明德學院、珠海學院、宏恩基督教學院、香港恒生大學、香港樹仁大學、香港公開大學、東華學院、港專學院、香港能仁專上學院、香港浸會大學—持續教育學院、香港理工大學—專業進修學院、香港高等教育科技學院及耀中幼教學院。第六輪計劃的申請結果將於2019年9月公布。

Faculty Development Scheme (FDS)

The Faculty Development Scheme aims at developing the research capability of individual academics in the institutions so that they can transfer their research experiences and new knowledge into teaching and learning. In the 2018/19 exercise, HK\$27.26 million was granted to 40 research projects out of 177 applications.

Inter-Institutional Development Scheme (IIDS)

The Inter-Institutional Development Scheme aims at enhancing academics' research capability in the institutions and keeping them abreast of new developments, and challenging research topics in relevant fields through organisation of workshops, seminars or short courses by an institution or jointly between institutions. In the 2018/19 exercise, 13 applications were received and five of them were awarded HK\$ 2.18 million.

Institutional Development Scheme (IDS)

The Institutional Development Scheme (IDS) aims at building up the research capacity of the institutions in their strategic areas through the provision of physical research facilities, infrastructure and other kinds of support. Of the seven proposals received in the 2018/19 exercise, two projects were supported with a total grant of HK\$ 8.25 million.

教員發展計劃

教員發展計劃旨在幫助院校的個別教學人員發展研究能力，使他們能將研究經驗和新知識轉移至教與學的層面。在2018/19年度，本計劃共收到177份申請，其中40份研究計劃獲得資助，總額為2,726萬港元。

跨院校發展計劃

跨院校發展計劃則旨在提升院校教學人員的研究能力，透過個別院校籌組或與其他院校合辦的工作坊、研討會或短期課程，使他們在各自的專研範疇涉獵最新的發展和充滿挑戰的研究專題。在2018/19年度共收到13份申請，合共批出218萬港元資助五份計劃。

院校發展計劃

院校發展計劃目標是透過提供具體研究設施、支援研究的基礎建設及其他形式的支援，建立院校在其策略發展範疇的研究能力。在2018/19年度共收到七份申請，最後共批出825萬港元資助兩份計劃。

RGC Activities funded by UGC Funds 研資局由教資會撥款的工作總覽

HIGHLIGHTS 提要

In the 2018/19 academic year, the Areas of Excellence Scheme allocated HK\$216 million to support three projects. As at 30 June 2019, the number of on-going projects is 9.

在2018/19學年，卓越學科領域計劃撥款總額達2.16億港元，資助共三個研究項目。截至2019年6月30日，9個資助研究項目仍在進行中。

Areas of Excellence Scheme

The Areas of Excellence Scheme was previously launched by the UGC. The Scheme is now administered by the RGC.

Following a comprehensive review of higher education of Hong Kong, the UGC advised the Government in a report published in October 1996 that Hong Kong would need world-class institutions with distinct areas of excellence in order to retain its leading economic position in the development of Mainland China and the Pacific Rim. The UGC recommended, and the Government agreed, that the UGC-funded universities should build upon their existing strengths and develop them into areas of excellence.

With an annual budget of about HK\$90 million, the scheme supports research projects of similar scale as the TRS. Proposals from all disciplines falling outside the scope of the topics of the TRS may be submitted under this scheme. The prevailing funding ceiling is HK\$60 million per project for up to eight years.

The Eighth Round exercise was held in the 2018/19 academic year. A total of 15 eligible preliminary proposals were received, seeking grants of HK\$1.08 billion. After preliminary selection and a vigorous peer-review process, the RGC decided to allocate HK\$216 million to support three projects.

卓越學科領域計劃

教資會於早年推出卓越學科領域計劃。該計劃現時由研資局管理。

1996年10月，教資會在全面檢討香港的高等教育情況後，發表了一份檢討報告。教資會在報告中向政府提出，香港須擁有能夠建立卓越學科領域的世界級學府，才可以在中國內地和太平洋周邊地區的經濟發展中，保持領導地位。教資會建議受資助的大學盡展所長、精益求精，把現有的優勢發展為卓越學科領域。政府對這項建議亦表贊同。

卓越學科領域計劃的資助金額預算約為每年9,000萬港元，提供資助予與主題研究計劃規模相約的計劃。在這個計劃下每個項目的資助金額上限約為6,000萬港元，年期最長為八年。所有涉及主題研究計劃題目範圍以外的建議書均可申請卓越學科領域計劃的撥款。

第八輪計劃於2018/19學年舉行。研資局共收到15份合資格初步建議書，申請金額約10.8億港元。經過初步篩選及嚴格學者評審後，研資局決定撥款約2.16億港元，資助共三個研究項目。

HIGHLIGHTS
提要

Research Impact Fund was established in 2018. 182 preliminary proposals, seeking HK\$1.18 billion, were received in the second round exercise. 46 proposals were shortlisted for submission of full proposals.

研究影響基金於2018年成立。研資局於第二輪計劃共接獲182份初步建議書，申請資助總額為11.8億港元。當中46份獲篩選提交具體建議書。

Research Impact Fund

The Research Impact Fund (RIF) was established in 2018 to encourage the local academics to consider and articulate the potential of research to deliver benefit for the wider community and also to encourage a greater volume of collaborative research beyond academia.

The RIF exercise adopts a two-stage application process consisting of submission of preliminary and full proposals. In the second round exercise, the RGC received a total of 182 preliminary proposals seeking HK\$1.18 billion.

After evaluation by the Research Impact Fund Committee (RIFC), 46 proposals were shortlisted for submission of full proposals. These proposals will be peer-reviewed and further shortlisted for interview by the RIFC. It is anticipated that the funding results will be announced in January 2020.

研究影響基金

研究影響基金於2018年成立，旨在鼓勵本地學者積極考慮潛在的研究效益，使更廣泛的社區能夠受惠，並鼓勵開展更多學術界以外的研究合作。

研究影響基金計劃採用兩個階段的申請程序，包括提交初步及具體建議書。研資局於第二輪申請共接獲182份初步建議書，申請資助總額為11.8億港元。

經研究影響基金委員會評審後，篩選出46份提交具體建議書。研究影響基金委員會將進行學者評審，以進一步篩選該批具體建議書並與個別研究隊伍進行會面。預計撥款結果將於2020年1月公佈。

HIGHLIGHTS
提要

In the 2018/19 academic year, the Joint Laboratory Funding Scheme allocated HK\$30 million to support 11 projects.

在2018/19學年，聯合實驗室資助計劃撥款總額達3,000萬港元，資助共11個項目。

Joint Laboratory Funding Scheme

To inject further impetus into our research community and encourage local talents to collaborate with the Mainland and participate in major research projects, the UGC decided in September 2018 to allocate HK\$30 million to set up a one-off Joint Laboratory Funding Scheme (JLFS) to provide funding support to the eligible joint laboratories between the Chinese Academy of Sciences and the Hong Kong universities.

The JLFS aims to enhance the research infrastructure of the joint laboratories in Hong Kong so as to better equip them to conduct impactful research. The scheme is administered by the RGC on a competitive basis. The funding ceiling under this scheme is HK\$3 million per project for up to two years.

The JLFS was held in the 2018/19 academic year. A total of 20 proposals were received, seeking grants of HK\$58.6 million. After a vigorous peer-review process, the RGC decided to allocate HK\$30 million to support 11 projects.

聯合實驗室資助計劃

教資會於2018年9月決定撥款3,000萬港元設立一次性的聯合實驗室資助計劃，向合資格的中國科學院與本港大學聯合實驗室提供資助，為本港研究界注入更多動力，並鼓勵本地人才與內地合作和參與大型研究項目。

聯合實驗室資助計劃旨在提升聯合實驗室的研究基礎設施，以進行具影響力的研究。計劃以競逐形式由研資局管理。在此計劃下每個項目的資助金額上限為300萬港元，年期最長為兩年。

聯合實驗室資助計劃於2018/19學年舉行。研資局共收到20份建議書，申請金額約5,860萬港元。經過嚴格學者評審後，研資局決定撥款3,000萬港元，資助共11個項目。

HIGHLIGHTS 提要

In the 2018/19 academic year, the Hong Kong PhD Fellowship Scheme awarded 231 top students from 46 countries/regions.

在2018/19學年，香港博士研究生獎學金計劃頒發獎學金予來自全球46個國家及地區共231位優秀學生。

Hong Kong PhD Fellowship Scheme

The Hong Kong PhD Fellowship Scheme was launched in September 2009 to attract the best and brightest students in the world, irrespective of their country of origin, prior work experience and ethnic background, to pursue their PhD studies and research in the UGC-funded universities.

In the Ninth Round exercise, 231 top students from 46 countries/regions received the award. By the deadline in December 2018, over 7 000 applicants from 132 countries/regions submitted full applications for the Tenth Round exercise.

This prestigious scheme will unite top international research postgraduate students and Hong Kong's world class universities.

香港博士研究生獎學金計劃

香港博士研究生獎學金計劃於2009年9月推出，目的是吸引世界各地最優秀及出色的研究生前來教資會資助大學就讀博士研究生課程，而不論其國籍、工作經驗和種族背景。

第九屆香港博士研究生獎學金計劃的得主為231位來自全球46個國家及地區的優秀學生。而至2018年12月的報名截止日期，7 000多名來自132個國家及地區的申請者就第十輪計劃提交正式申請書。

這個備受推崇的計劃將會把來自各地的研究生尖子，匯集於香港的世界級學府。



Successful Stories on the Funded Research 撥款研究項目的成功故事

Areas of Excellence Scheme

Project Title

Institute of Network Coding

Widely regarded as a major breakthrough in Information Science, Network Coding was co-founded by the Principal Investigators of this Areas of Excellence project in the late 1990s. Network Coding refutes the folklore that data transmission in a communication network is analogous to commodity flow, where the data packets are routed through the network from the sender to the receiver. Rather, recoding of data packets must be performed inside the network in order to achieve the maximum throughput.

To maintain Hong Kong's leadership in this field of research, the Institute of Network Coding (INC) is established at The Chinese University of Hong Kong, with members from other universities in Hong Kong and abroad. The research team conducts forefront research in the field and develops Network Coding technologies in different application areas, including cloud storage, wireless communication, and data networks. The project goal is to help raise the level of research and contribute to industrial innovation in the region and beyond.

During the funding period, the research team pioneered the prototyping of a few Network Coding technologies for proof of concept. These efforts had resulted in three startup companies, with a storage technology developed already applied in data centers serving millions of customers in real time. The research team filed a number of patents for the inventions, and made proposals to standards organizations for the inclusion of the inventions in international standards. Last but not least, the research team helped train up young researchers to raise the level of research in communications and related areas in this geographic region.

卓越學科領域計劃

項目名稱

網絡編碼研究所

二十世紀九十年代後期，網絡編碼理論由卓越學科領域計劃項目各位首席研究員共同創立，業界廣泛視為資訊科學的一大突破。坊間認為，在一個通訊網絡內，數據包的傳送就像商品的流向一樣，由發送者傳遞予接收者。網絡編碼技術否定了這個說法，數據包必須在網絡內重新編碼，才可達致最大的數據處理量。

為保持香港在這個研究領域的領導地位，香港中文大學成立了網絡編碼研究所，成員包括其他本地和海外大學的人員。研究小組在這方面進行前沿研究，並在雲端儲存、無線通訊和數據網絡等不同應用範疇，開發網絡編碼技術，以期協助提升香港的研究水平，為區內以至全球的產業創新作出貢獻。

在資助期內，研究小組率先為數項網絡編碼技術進行原型開發工作，以驗證這個概念。這些研究工作促成了三家初創公司，而一項新開發的儲存技術亦已在多個數據中心採用，為數以百萬計的顧客提供實時服務。研究小組已為各項發明申請專利，並向多個標準組織提交建議，把這些發明納入國際標準。此外，研究小組亦協助培訓年輕研究人員，並致力提升區內通訊及相關範疇的研究水平。

Theme-based Research Scheme

Project Title

Stem Cell Strategy for Nervous System Disorders

In 2012, a multi-disciplinary team of researchers from Hong Kong and abroad was assembled to investigate the basic mechanisms underlying neural stem cells and neurogenesis. Neural stem cells refer to the self-renewing, multipotent cells that give rise to brain cells during development. Understanding the complex mechanisms by which these cells originate, replicate, and function will further enable the development of stem-cell based therapies for many incurable neurological diseases.

The main objective of the project was to investigate the regulatory processes underlying neurogenesis, the process by which new brain cells are generated, as well as the processes that regulate the differentiation and maturation of newborn neurons, and their eventual integration into neural networks in the human brain. Alongside, a traditional Chinese medicine (TCM) –based approach was utilized to identify novel agents capable of promoting brain cell generation. These two approaches (basic research and translational) were used together to lay the groundwork for the future development of targeted neural stem cell based treatments.

The successful completion of this project has resulted in significant accomplishments. Findings from basic research have greatly enriched our understanding of the biology of neural stem cells. The research team have also developed advanced research capabilities and state of the art techniques such as single-cell RNA-sequencing, optogenetics, and deep brain imaging. The research team has uncovered the molecular mechanisms underlying the balance of neural stem cell division and differentiation – two essential processes for generating neurons in the brain. In translational research, the research team has discovered critical interactions between neural stem cell development and the pathology of anxiety and major depression. Moreover, by leveraging our TCM-based drug discovery expertise, we have identified novel agents from TCM with the ability to promote neurogenesis, neuronal differentiation or neuroprotection. Finally, we have established a platform to culture and study induced pluripotent stem cells (iPSCs) that can be further harnessed towards studying the pathological mechanisms of Alzheimer's disease using patient-derived iPSC. These findings offer new hope for the development of effective clinical interventions for neurological diseases.

The project also provided essential training opportunities to local students and junior scientists, and both strengthened and extended collaborations among institutions in Hong Kong, the Mainland and abroad. The resulting scientific output from the project in the form of numerous publications in prestigious journals, patent applications, and presentations at international conferences, has highlighted Hong Kong's excellent scientific research capabilities. The successful completion of this project further enhances Hong Kong's reputation as an advanced research centre as well as contributes to the development of the local biotechnology industry.

Research Grants Council 研究資助局

主題研究計劃

項目名稱

神經系統疾病的幹細胞研究策略

2012年，本地和海外研究員組成一支跨學科研究團隊，研究神經幹細胞和神經生成的基本機制。神經幹細胞是指具有自我更新能力的多能細胞，在生長過程中形成腦細胞。了解這些細胞生成、複製和運作的複雜機制，有助進一步發展幹細胞療法，以治療多種現時無法治癒的神經系統疾病。

本項目的主要目的是研究神經系統的形成，即新的腦細胞產生過程中的調控機制，以及新生神經元分化、成熟，以及最終整合到人類大腦神經網絡的過程。與此同時，項目團隊採用以傳統中醫藥為基礎的方法，找出可用來促進腦細胞形成的新藥劑。通過同時採用基礎研究和轉化研究這兩個方法，本項目為以神經幹細胞為基礎的標靶治療的日後發展，打下基礎。

本項目已順利完成，並取得豐碩成果。基本研究的結果大大加深我們對神經幹細胞生物學的了解。研究小組亦發展了先進的科研能力和尖端的技術，例如單細胞核糖核酸排序、光遺傳學，以及深層腦部造影。研究小組找出維持神經幹細胞分裂與分化平衡的分子機制，而兩者都是腦部產生神經元的必要過程。在轉化研究方面，研究小組發現神經幹細胞的發展在病理上與焦慮症和嚴重抑鬱症有關鍵性的相互作用。此外，研究小組運用在以傳統中醫藥為基礎的藥物開發方面的專業知識，找到可用來促進神經生成、神經元分化或神經保護的新藥劑。最後，研究小組設立平台培養和研究誘導性多能幹細胞，進而利用從病人身上取得的誘導性多能幹細胞，研究阿茲海默症的病理機制。這些研究結果為研發有效治療神經系統疾病的臨床介入療法，帶來新的希望。

本項目亦為本地學生和年輕科學家提供必需的訓練機會，以及加強並拓展香港、內地和海外院校之間的合作。項目的科研成果在著名學報發表，並申請專利，以及在國際會議發報，以不同方式彰顯了香港卓越的科研能力。本項目順利完成，進一步提升香港作為先進的研究中心的地位，並為本地生物科技工業的發展作出貢獻。

Project Title

Sustainable Lighting Technology: From Devices to Systems

This project is related to the “sustainability of lighting systems (used in buildings and cities’ large-scale infrastructures such as road lighting) that consume 20% of electricity globally. Sustainable Lighting Technology proposed here differentiates from the traditional Energy-Star concept which focuses only on energy saving. It stresses a new principle that includes (i) energy saving, (ii) long product lifetime and (iii) recyclability of product materials. It highlights the important point that “energy-saving technology is not necessarily environmentally-friendly if it generates lots of harmful electronic waste within a short product lifetime.

The outcomes arising from this project involve both theoretical and industrial impacts. On the theoretical side, a General LED System Theory linking the interactions of heat, light, power and color within one mathematical framework has been established as a general design tool for LED systems. New LED drivers with high energy efficiency, long lifetime and recyclability have been identified. A set of comprehensive classification and design guidelines has been developed for the lighting industry. On the industrial aspects, several technologies have been adopted and commercialized by the lighting industry for production. This project has been disseminated in top-tier research journals, international conferences and public seminars organized by the Hong Kong Institution of Engineers, Institute of Electrical and Electronic Engineers and the Research Grants Council.

With several major lighting research centers based in Hong Kong and over 1 000 LED product manufacturers in Southern China, this project is expected to bring significant benefits to Hong Kong and its nearby regions.

項目名稱

可持續照明技術：從模塊到系統

建築物和城市大型基建的照明系統，如道路照明系統，消耗全球兩成電力，本項目是關於照明系統的「可持續發展」。傳統「能源之星」的概念，重點只在節能，而本項目提倡的可持續照明技術與此不同，所強調的新原則涵蓋(1)節能；(2)產品壽命長度，以及(3)產品物料是否可循環使用。本項目強調的重要訊息是：「如果產品壽命周期短暫並產生大量有害電子廢物，節能技術便不一定環保」。

項目成果在理論和工業應用上帶來影響。理論方面，這項研究建立了一個通用的發光二極管(LED)系統理論，把熱、光、電與顏色的相互作用在一個數學框架內連結起來，成為LED系統的通用設計工具。研究找出了具高能源效益、壽命長和可循環再用的新LED驅動器，並為照明業界制訂全面的分類及設計指引。工業應用方面，照明業界已採用數項相關技術，並將之轉化為商品。本項目曾在頂級研究學報，以及香港工程師學會、電機及電子工程師學會和研究資助局舉辦的國際會議和公眾研討會中發表。

香港設有數間大型照明研究中心，南中國也有逾1 000個LED產品生產商，預料本項目將為香港和鄰近地區帶來重大裨益。

Collaborative Research Fund

Project Title

A Unique Multi-Functions Large-Scale Physical Model Testing Facility for Study of the Impact of Debris Flow on Flexible Barriers and Geo-Hazards in Hong Kong

Geo-hazards include landslides, debris flows, rock falls, collapse of all types of geotechnical structures, etc. Geo-hazards have occurred before and still impose a great danger to human life and property/infrastructures not only in Hong Kong, but also in many other places in the world.

Flexible barriers have been used in other countries, and recently in Hong Kong in order to reduce the impact of debris flows. But, there is no matured design method for the analysis and design of flexible barriers against debris flows. Therefore, there is an urgent need to build a large-scale physical model facility and to perform impact tests of debris flow on flexible barriers for the validation or development of new analysis and design methods. There is no such large-scale physical model facility for such impact tests in Hong Kong and probably in the world.

The primary objective of the project is to design, build, test, and manage a unique multi-function large-scale physical model testing facility with instrumentation and accessories for studying the impact of debris flow on flexible barriers and other geo-hazards in Hong Kong. The other objectives are (a) to make the facility a multi-functional platform for carrying out research work on common geo-hazards, (b) to study new technologies and methods for prevention or reduction of geo-hazards, (c) to test and verify existing and new monitoring technologies, and (d) to validate small-scale centrifuge models, numerical models, design methods by comparison.

The mitigation of geo-hazards is a long-standing and challenging issue which needs multi-disciplinary approaches, fundamental research, and development of new technologies. Therefore, the proposed project will have a long-term and significant impact in terms of the safety of our communities and protection of our living environment, fundamental research and technology advancement.

協作研究金

項目名稱

香港獨有的泥石流－柔性防護欄碰撞和地質災害研究的大型多功能物理模型試驗設施

地質災害有滑坡，泥石流，落石，及各種岩土結構的崩潰破壞等。地質災害在香港及世界其它地方發生過，今後仍然是造成人類傷亡和財產損失的最大危險之一。

柔性防護網已在世界其它地方用於防止泥石流的沖擊，最近也在香港推廣使用。但是，目前還沒有用於防泥石流沖擊的柔性防護網的可靠分析和設計的方法。因此，我們急需建造一大型物理模型試樣裝置，用於泥石流沖擊柔性防護網的試驗。試驗數據用來驗證或發展新的柔性防護網分析和設計方法。目前在香港，甚至可能在世界其它地方還沒有這樣的大型物理模型試樣裝置。

項目的主要目標是要設計、建造、調試和管理一個泥石流－柔性防護欄碰撞和地質災害研究的大型多功能物理模型試驗設施。其它目的有(1)使該設施成為多功能的試驗平台，用於地質災害研究，(2)用於試驗和驗證現有的或新的監測技術，(3)通過比較，用該設施的試驗數據來驗證小尺寸離心機模型，數值模型和分析設計方法。

地質災害的減輕或防止是一項長期和艱巨的任務，需要多專業的攻關，基礎科學研究，和新技術的研發。該項目將對社區安全及環境保護，基礎科學研究，和技術研發有長期和深遠的影響。

Project Title

Three-dimensional (3D) Atom Probe Facility for Characterization of Advanced Materials Research at Atomic-and Nano-scales

It is well understood in the scientific community that material properties are determined essentially by characteristics at the atomic scale. To understand and ultimately control the material properties, it is crucially important to quantitatively characterize the structural and compositional features at the atomic-scale spatial resolution. Among all types of nanoscale analytical tools available, atom probe tomography (APT) is the highest spatial resolution analytical technique. It offers extensive capabilities for both three-dimensional morphology imaging and chemical composition measurements at the atomic scale. Also, it is capable of quantitatively detecting all elements including Hydrogen, Helium, Lithium, Carbon, and Oxygen with super-high sensitivity. It is anticipated that the APT facility will not only promote innovation and discovery in the fields of nanomaterials, nanotechnology, irradiation-induced damages, physics, chemistry, biomedical, and electronics, but also provide tremendous opportunities for joint research between academic institutions and industries in Hong Kong and the near-by Pearl River Delta area.

Project Title

Inert-Environment Facilities for investigating optical-electrical-thermal properties of hybrid structure optoelectronics

Through establishing the unique inert-environment facilities in Hong Kong, the project objectives are to address challenges of hybrid material based optoelectronic devices including (1) light management in the devices, (2) efficient carrier transport between active layer and electrode, (3) hybrid material systems for flexible electrodes, (4) thermal management of the hybrid structures, and (5) comprehensive understanding of device physics. The research team would also like to promote collaborative research among professionals with multidisciplines from institutions and industries.

The proposed system covers aspects ranging from fabrication of optoelectronics devices to characterization of optical/electrical/thermal properties of materials and devices including: (1) fabrication of multi-layered and bulk thin film structures of hybrid material system, (2) transient and static optical/electrical/thermal properties characterization, (3) morphologies and nanoscale electrical properties characterization, and (4) thermo-scanning microscopy and thermal imaging.

項目名稱

建設先進材料原子及納米尺度表征的三維原子探針平台

科學界已知材料的性能在本質上是由其原子尺度的特徵所決定。為了理解並調控材料的性能，在原子級空間分辨率定量表徵材料的結構和成分特徵至關重要。在當今所有的納米分析手段中，三維原子探針是空間分辨率最高的分析技術。三維原子探針可以同時得到原子級的三維形貌影像和化學成分分佈。而且，它可以定量檢測包括氫、氦、鋰、碳和氧在內的所有化學元素，並具有超高的靈敏性。可以相信，三維原子探針設備將會促進香港及珠三角地區在納米材料、納米技術、輻照損傷、物理、化學、生物醫學和電子工程領域的創新與發現，並為該地區學術機構和工業界的合作研究提供巨大的機遇。

項目名稱

具有惰性氣體環境可用於研究複合結構光電子器件的光電熱特性的儀器

通過在香港建立獨特惰性環境的設施，項目的目標是解決混合材料光電子器件的挑戰：包括(1)光電子器件的光學管理，(2)活性層和電極之間的有效載流子輸運，(3)混合材料系統／結構為柔性電極，(4)混合材料系統／結構的熱管理／物理，及(5)全面的器件物理了解。研究小組也想促進與機構和行業的跨領域專業人士之間的合作研究。

研究小組建議的系統覆蓋光電子器件的製造，以及對有關材料光／電／熱性能表徵的設備包括：(1)製造混合材料系統的多層和薄膜結構的系統，(2)瞬態和靜態光／電／熱性質表徵的設備，(3)形態和納米級電性能表徵的設備，及(4)熱掃描顯微鏡和熱成像的設備。

General Research Fund

Project Title

Simulating Dynamic Sketching Process

Art is a creative journey, rather than a deliverable end product. The creation process is valuable as it captures the development of the drawing by the artist. Even though the sketching process may be distinctive among artists, it generally progresses in a similar fashion, from coarse to fine, global to local, near to far, inconspicuous to salient parts. This study aims to develop a system that is able to simulate a sketching process that is largely indistinguishable from how an artist would draw. Each snapshot of the drawing and the dynamic drawing order will resemble a work by a human. The objective is to identify various kinds of strokes artists use in the drawing process and produce an animation that starts from a blank canvas to the final drawing. Such a system will be useful for teaching students how to draw and for reconstructing the drawing process of historical art masterpieces.

An approach was developed to simulate how people draw and what they draw. Given a 3D model, the approach extracts drawing trajectories in four sketching phases by shape analysis methods and determines the order of the trajectories based on sketching entropy which provides a unified way to model stroke selection and ordering, both within and across phases. Finally, the approach synthesizes humanized dynamic strokes from the trajectories using a feedback control system. The system is able to generate visually plausible simulation of the sketching process.

優配研究金

項目名稱

動態繪畫過程模擬

相比一個靜態的最終產品，藝術更是一種創造性的旅程。藝術創作的過程有其獨特的價值，它能捕捉到藝術家對於創作對象的理解和表達。儘管每位藝術家的繪畫過程各有特色，他們也遵循著共同的規律。比如由輪廓到細節，由整體到局部，從近到遠。這個研究項目的目標是開發一個系統，該系統能夠自動模擬人類的（鉛筆素描）寫生過程。過程中的每一筆，與人類繪畫過程幾無二緻。目標是找出寫生時為了表達不同形狀時常用的筆觸，筆法，以及繪畫順序。基於此，這樣的系統可以生成從無到有的寫生動畫，而且將可以用於教授學生入門級的寫生技巧，也可以用來重建歷史名作的動態繪製過程。

此研究開發了一種方法來模擬人們如何繪製及繪製成品。在給予一個三維模型的情況下，該方法通過形狀分析，在四個草圖繪製階段中紀錄繪製軌跡，並確定草繪軌跡的順序，這統一了在階段內和階段之間選擇模擬的筆劃和排序。最後，該方法使用反饋控制系統從軌跡合成人化動態筆劃。該系統能夠合理模擬視覺上繪製的過程。



Early Career Scheme

Project Title

A longitudinal study of parental involvement and school adjustment during the transition to school

This study uses the mixed-methods and multi-informant approaches to examine parental involvement during the transition to primary school in Hong Kong. Three major research questions will be addressed: (1) What are the relationships between parental involvement and school adjustment? (2) What are the changes in parental involvement during the transition to primary school? (3) What are the factors that influence parental involvement in early childhood and primary education?

This study found that parental involvement during kindergarten predicted better school adjustment after school transition. Specifically, this study suggests that schools may respond to parents' needs by providing more opportunities for parents to become involved in their children's learning both at home and in school. Doing so would help parents obtain information about school expectations and their children's learning progress. This may further increase parents' discussions with their children or impart knowledge and strategies for teaching specific concepts at home, thereby facilitating a smooth school transition.

傑出青年學者計劃

項目名稱

家長參與對幼兒入學適應的影響之長期追蹤研究

此項研究計劃採用混合研究方法及運用不同的資料提供者，重點分析：(1)家長參與與幼兒入學適應的關係；(2)家長參與於幼小銜接前後之變化；及(3)影響家長於早期教育之參與的因素。

該研究發現，父母在幼兒園時的參與對幼兒轉校後的適應會有良好影響。具體而言，研究結果顯示，學校可以通過為家長提供更多機會參與孩子在家中和學校的學習，這樣做可以幫助父母獲得有關學校的期望和孩子學習進度的資訊。這可能會進一步增加父母與子女的討論，或促進父母在家教授幼兒特定概念的知識，從而促進幼兒順利適應轉校。

RGC Visits to UGC-funded universities

The RGC visited The Chinese University of Hong Kong on 14 June 2018. The RGC normally visits one UGC-funded university each year. The main objectives of the visit are for the RGC and Subject Panel members to:

- familiarise themselves with the overall research activities, research strategies and major achievements of the university;
- see research facilities, equipment, project highlights and important research outputs/results with a view to understanding the proclaimed research direction; and
- meet and talk with academic staff and research postgraduate students about their research activities.

Visits and discussions with staff and research postgraduate students are undertaken in small groups. The visiting team is split broadly on the basis of Subject Panel groups. The discussions are for open collegial exchanges between staff and research postgraduate students and the RGC.

研資局訪問教資會資助大學

2018年6月14日，研資局探訪了香港中文大學。研資局一般每年造訪一間教資會資助大學，其目的是讓研資局成員及學科小組成員：

- 了解各大學的研究活動，研究策略及主要成就；
- 視察各種設施、設備、研究項目的重點及成果，從而了解該院校的研究方向；及
- 與教學人員和研究院研究課程學生會晤及討論他們進行的研究活動。

訪問及與教學人員和研究院研究課程學生的討論，均以小組形式進行。研資局大致按學科小組的性質類別分成小組。小組討論的目的是讓教學人員及研究院研究課程學生與研資局及學科小組成員進行交流。

RGC Contacts with Other Funding Bodies

The RGC maintains regular contacts with other bodies that provide funding for research. This good working relationship ensures that applications for grants are cross-checked to avoid unjustified duplication. The main research organisations with which the RGC maintains regular contacts are:

- Croucher Foundation
- Environment and Conservation Fund
- Health and Medical Research Fund
- Innovation and Technology Commission
- Quality Education Fund
- S K Yee Medical Foundation
- Overseas bodies and organisations in the Mainland with funding for academic research

研資局與其他研究資助機構的聯繫

研資局與其他資助研究的機構經常保持聯繫，互相核對研究經費的申請，以防止不合理的重疊撥款。研資局經常與下列主要研究資助機構保持聯繫：

- 裘槎基金會
- 環境及自然保育基金
- 醫療衛生研究基金
- 創新科技署
- 優質教育基金
- 余兆麒醫療基金
- 海外及內地的學術研究資助機構

How Funded Projects are Selected, Monitored and Assessed

資助項目的審批、監察與評核

How Projects are Selected

To drive Hong Kong's research quality to a higher level of excellence, the RGC is focusing its resources to provide better support to top quality research projects through competitive funding schemes.

Across the board, equal emphasis is given to both fundamental and applied research.

Additionally, the RGC must be satisfied that the projects it funds have significant intellectual and innovative content and serve the purpose of academic development.

For applied research projects which involve potential benefits to industry in the short to medium term, the RGC expects to see some funding from the potential beneficiaries.

Aim of Monitoring and Assessment

Under its Terms of Reference, the RGC is required to monitor the implementation of research projects funded by disbursements from the UGC, and to report at least annually to the Government through the UGC.

The RGC considers that monitoring of on-going projects and assessment of completed projects are necessary for reasons of public accountability.

As part of its efforts to strive for improvement, the RGC constantly reviews its monitoring and assessment system with a view to streamlining the relevant processes and enhancing overall effectiveness.

The Principal Investigator/Project Coordinator of an approved project is therefore required to submit progress reports and a completion report on the project for monitoring and scrutiny by Subject Panel/Committee members. The sponsoring institution is required to manage the projects and expenditures, oversee the procurement of equipment and devices approved under the projects and to put in place a due internal monitoring system.

釐定撥款的準則

為提昇香港學術研究的質素至另一高峯，研資局集中資源，通過具競逐性的撥款資助計劃，為最優質的學術研究項目提供更多資助。

整體來說，研資局對基本研究及應用研究一視同仁，無分軒輊。

此外，研資局必須確定其資助的研究項目具有重大學術價值、內容創新，又能促進學術發展。

對於能為工商界帶來短期以至中期利益的應用研究項目，研資局期望受惠的行業亦能承擔部分資助。

監察與評核的目標

按職權範圍，研資局必須監察在教資會研究經費下獲撥款的研究項目，並透過教資會最少每年一次向政府提交報告。

為確保公帑用得其所，研資局認為必須監察進展中的項目，以及評核已完成的項目。

為了精益求精，研資局經常檢討監察與評核的機制，以期精簡程序，提高整體效率。

因此，獲撥款項目的首席研究員／項目統籌者必須向研資局呈交項目進度報告及項目完成報告，以供學科小組／委員會成員監察及審查。研究員所屬的院校有責任管理項目及其支出，監察獲撥款的設備及儀器的採購及安裝，以及設立適當的內部監察機制。

Monitoring of On-going Projects

The objective of the monitoring is to ensure that the project is proceeding on schedule and that any problems identified are followed up by the Principal Investigator/Project Coordinator. In 2015, the RGC enhanced the monitoring measures. From the 2016/17 funding exercises onwards, except a small number of short duration research projects which are granted project funds in a lump sum, the project funds of all research projects will be disbursed by instalment. The Principal Investigators/Project Coordinators concerned should demonstrate satisfactory progress before obtaining further funding from the RGC.

For individual research projects, one Subject Panel member is assigned to each funded project with the responsibility for monitoring, on the basis of progress reports and completion report. The Subject Panel member assigned to the project reviews the progress report and, where necessary, provides his/her comments to the Principal Investigator for reference and follow-up action.

For group research projects, Project Coordinators are required to submit progress reports for the monitoring panel's/committee's scrutiny and follow up on comments made by the panel/committee.

Principal Investigators/Project Coordinators may also be required to present the progress and achievements at a symposium or during on-site visits to the panel/committee, research community and/or members of the public.

Assessment of Completed Projects

After the scheduled completion date of a project, the Principal Investigator/Project Coordinator concerned is required to submit a completion report detailing the outcome of the research project, the results achieved, students trained, and publications produced, as well as reporting on the use and application of the grant awarded. These completion reports are passed to the responsible panel/committee members for final assessment.

Completed projects are rated as "Satisfactory", "Barely Satisfactory" or "Unsatisfactory". These assessment results are also taken into account when assessing new grant applications from the same Principal Investigator/Project Coordinator.

監察進展中的項目

監察程序確保有關項目如期進行，並確保首席研究員／項目統籌者有跟進成員所發現及指出的問題。研資局於2015年加強監察程序。由2016/17年度起，除少數短期研究項目可一次過獲得整筆資助款項外，所有項目的資助款項將為分期支付。有關首席研究員／項目統籌者必須展示令人滿意的進度，才可獲得研資局進一步分期資助款項。

就個人研究項目而言，每個獲資助的項目，均由一位指定的學科小組成員負責監察。成員根據項目進度報告及項目完成報告監察每個項目。學科小組成員在審閱進度報告後，會因應需要向項目的首席研究員反映意見，供其參考及跟進。

至於集體合作研究項目，項目統籌者必須向負責監察的小組／委員會呈交項目進度報告，以及對其意見作出跟進。

部分項目的首席研究員／項目統籌者須於研討會或實地探訪時向有關小組／委員會、研究界別，以及／或公眾人士發表其研究進度及成果。

評核已完成的項目

在研究項目預定完成日期後，首席研究員／項目統籌者必須向研資局提交項目完成報告，詳列出研究結果、成果、接受培訓的學生、已發表的報告、論文及文章，以至撥款的運用及應用的詳情。這些報告會交由負責審核該項目的小組／委員會成員作最後評核。

評核已完成的項目分為「滿意」、「僅符合要求」及「不滿意」三個等級。當首席研究員／項目統籌者提交新的撥款申請時，研資局會考慮其過往的評核結果。

Feedback on Assessments

Feedback is an important part of the RGC's effort to encourage and assure quality standards in research projects. The feedback from external reviewers forms an essential part of the peer review process and enables researchers to improve and refine their research methodologies. It also represents a valuable input to the Hong Kong academia of new ideas and expertise from the international research community.

As a matter of policy, the RGC arranges to provide the unattributed comments of external reviewers to applicants of individual and group project grants and, where necessary, convey additional comments from the panel/committee.

Public Access to Completion Reports

To share the research findings with the public, for projects approved from the 2010/11 academic year onwards, Principal Investigators/Project Coordinators are required to release the completion reports containing abstract in layman terms, objectives, research output including a list of conference papers/publications/journals/research findings and contact information of Principal Investigators/Project Coordinators for public access through the RGC website.

反映評核的意見

研資局致力保證及提高研究項目的質素，向研究人員反映外部評審員的意見，是學者評審過程的重要部分。這項做法有助研究人員改進其研究方法，使之更為完善，並將國際研究界別的新意念及專業知識引入本地學術界。

按政策規定，研資局將外部評審員的意見以不具名方式轉達給與個人及集體合作研究項目的申請人，如有需要，亦會轉達小組／委員會的額外意見。

公開完成報告

為讓公眾分享研究成果，由2010/11學年獲資助的計劃開始，首席研究員／項目統籌者須公開其項目完成報告，並通過研資局網頁讓公眾查閱。報告包含以淺白文字撰寫的摘要、計劃目標、研究成果，當中包括以表列形式列出所發表的會議論文／出版刊物／其他研究發現，以及首席研究員／項目統籌者的聯絡資料。

Appendices

附錄



Appendix A: RGC Membership 2018/19 附錄 A：研資局 2018/19 年度成員名單

RGC Member 研資局成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Benjamin W Wah (Chairman), JP 華雲生教授, JP (主席)	The Chinese University of Hong Kong 香港中文大學	1/2013
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加州大學聖地牙哥分校	7/2016
Ms Cordelia Chung 鍾郝儀女士	LIXIL Corporation 驪住株式会社	5/2017
Prof Yip-wah Chung, BBS 鍾業華教授, BBS	Northwestern University 西北大學	7/2018
Prof Paul Clark	The University of Auckland 奧克蘭大學	7/2014
Prof Michael P Doyle 邁克爾·多伊教授	The University of Texas at San Antonio 得克薩斯大學聖安東尼奧分校	7/2015
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大學洛杉磯分校	8/2017
Prof Zhigang He 何志剛教授	Harvard University 哈佛大學	12/2016
Prof Raymond Man-pao Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Mr Henry Kwong-han Leung 梁廣恒先生	Nano and Advanced Materials Institute Limited 納米及先進材料研發院有限公司	4/2017
Prof Jian Lu 呂堅教授	City University of Hong Kong 香港城市大學	7/2016
Prof Tai-lok Lui, JP 呂大樂教授, JP	The Education University of Hong Kong 香港教育大學	7/2018
Prof Anita S Mak 麥呂瑞華教授	University of Canberra 坎培拉大學	7/2017
Dr Kim Kin-wah Mak, BBS, JP 麥建華博士, BBS, JP	Caritas Institute of Higher Education and Caritas Bianchi College of Careers 明愛白英奇專業學校	4/2017
Prof Helen Mei-ling Meng 蒙美玲教授	The Chinese University of Hong Kong 香港中文大學	7/2016
Prof Bill Milne	University of Cambridge 劍橋大學	9/2017

Appendix A: RGC Membership 2018/19 附錄 A：研資局 2018/19 年度成員名單

RGC Member 研資局成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Joshua Ka-ho Mok 莫家豪教授	Lingnan University 嶺南大學	4/2017
Prof Irene Oi-lin Ng 吳呂愛蓮教授	The University of Hong Kong 香港大學	4/2017
Prof Jay Siegel	Tianjin University 天津大學	7/2014
Prof Geoffrey L Smith	University of Cambridge 劍橋大學	7/2015
Prof Billy Kee-long So 蘇基朗教授	University of Macau 澳門大學	7/2016
Prof Richard Strugnell	The University of Melbourne 墨爾本大學	7/2016
Dr Frank Fuk-kay Tong 湯復基博士	The Hongkong and Shanghai Banking Corporation Limited 香港上海滙豐銀行	7/2015
Prof Lap-chee Tsui, GBM, GBS, JP 徐立之教授, GBM, GBS, JP	The Academy of Sciences of Hong Kong 港科院	8/2017
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲沙大學	7/2018
Prof Alexander Ping-kong Wai 衛炳江教授	The Hong Kong Polytechnic University 香港理工大學	7/2016
Prof Rick Wai-kiok Wong 黃偉國教授	Hong Kong Baptist University 香港浸會大學	7/2018
Prof Edward Sze-shing Yeung 楊仕成教授	Iowa State University 愛荷華州立大學	7/2014
Prof Paul K L Yu 余劭離教授	University of California, San Diego 加州大學聖地牙哥分校	7/2017
Prof On-ching Yue (Ex-officio Member) 余安正教授 (當然成員)	Innovation and Technology Commission 創新科技署	7/2011
Mr David Leung (Secretary) 梁子琪先生 (秘書)	University Grants Committee Secretariat 大學教育資助委員會秘書處	

Appendix B: Attendance Record of RGC Members in 2018/19^{Note 1}
 附錄 B：2018/19 年度研資局成員出席會議的記錄^{註 1}

Name 姓名	Total number of RGC meeting(s) 研資局會議的 總次數	Total number of RGC meeting(s) attended 成員出席研資局 會議次數	Attendance rate 出席率
Prof Benjamin W Wah, JP 華雲生教授, JP	2	2	100%
Prof Jiun-shyan Chen* 陳俊賢教授*	2	2	100%
Ms Cordelia Chung 鍾郝儀女士	2	2	100%
Prof Yip-wah Chung, BBS* 鍾業華教授, BBS*	2	2	100%
Prof Paul Clark*	2	2	100%
Prof Michael P Doyle* 邁克爾·多伊教授*	2	2	100%
Prof Cindy Fan* 范芝芬教授*	2	1	50%
Prof Zhigang He* 何志剛教授*	2	1	50%
Prof Raymond Man-pao Kan* 簡文豹教授*	2	2	100%
Mr Henry Kwong-han Leung 梁廣恒先生	2	2	100%
Prof Jian Lu 呂堅教授	2	2	100%
Prof Tai-lok Lui, JP 呂大樂教授, JP	2	2	100%
Prof Anita S Mak* 麥呂瑞華教授*	2	2	100%
Dr Kim Kin-wah Mak, BBS, JP 麥建華博士, BBS, JP	2	2	100%
Prof Helen Mei-ling Meng 蒙美玲教授	2	2	100%
Prof Bill Milne*	2	0	0%



Appendix B: Attendance Record of RGC Members in 2018/19^{Note 1}
 附錄 B：2018/19 年度研資局成員出席會議的記錄^{註 1}

Name 姓名	Total number of RGC meeting(s) 研資局會議的 總次數	Total number of RGC meeting(s) attended 成員出席研資局 會議次數	Attendance rate 出席率
Prof Joshua Ka-ho Mok 莫家豪教授	2	1	50%
Prof Irene Oi-lin Ng 吳呂愛蓮教授	2	2	100%
Prof Jay Siegel*	2	2	100%
Prof Geoffrey L Smith*	2	2	100%
Prof Billy Kee-long So* 蘇基朗教授*	2	2	100%
Prof Richard Strugnell*	2	1	50%
Dr Frank Fuk-kay Tong 湯復基博士	2	0	0%
Prof Lap-chee Tsui, GBM, GBS, JP 徐立之教授, GBM, GBS, JP	2	2	100%
Prof Rosalie L Tung* 董林雪英教授*	2	2	100%
Prof Alexander Ping-kong Wai 衛炳江教授	2	2	100%
Prof Rick Wai-kwok Wong 黃偉國教授	2	2	100%
Prof Edward Sze-Shing Yeung* 楊仕成教授*	2	2	100%
Prof Paul K L Yu* 余劭離教授*	2	1	50%
Prof On-ching Yue 余安正教授	2	2	100%

Notes: 1. To enhance the transparency of the RGC operation, starting from December 2007, the attendance record of RGC Members is uploaded onto the homepage of the RGC, and is published in the Annual Report for public reference.
 2. *denotes members outside Hong Kong.

註： 1. 為增加研資局工作的透明度，自2007年12月起，成員於研資局會議的出席率已刊載於局方的網頁及年報內，供公眾查閱。
 2. *為海外成員。

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Biology and Medicine 生物學及醫學		
Prof Zhigang He (Chairman) 何志剛教授(主席)	Harvard University 哈佛大學	12/2016
Prof Kai-nan An (Deputy Chairman – Joint Research Schemes) 安介南教授 (副主席—合作研究計劃)	Mayo Clinic 梅約臨床醫學院	2/2015
Prof Rudolf Bauer	University of Graz 卡爾·弗朗岑斯格拉茨大學	3/2018
Prof David Bellinger	Harvard University 哈佛大學	3/2014
Prof Zhaoxiang Bian 卞兆祥教授	Hong Kong Baptist University 香港浸會大學	2/2016
Prof Seth Blackshaw	Johns Hopkins University 約翰霍普金斯大學	11/2018
Prof Sir Colin Blakemore	University of London 倫敦大學	3/2018
Prof Maria Byrne	The University of Sydney 悉尼大學	12/2018
Prof Daniel Tak-mao Chan 陳德茂教授	The University of Hong Kong 香港大學	3/2018
Prof Juliana CN Chan 陳重娥教授	The Chinese University of Hong Kong 香港中文大學	4/2019
Prof Paul Kay-sheung Chan 陳基湘教授	The Chinese University of Hong Kong 香港中文大學	1/2019
Prof Wai-yee Chan 陳偉儀教授	The Chinese University of Hong Kong 香港中文大學	1/2015
Prof Larry Ming-cheung Chow 周銘祥教授	The Hong Kong Polytechnic University 香港理工大學	3/2018
Prof Thomas Efferth	Johannes Gutenberg University 約翰尼斯·古騰堡—美茵茲大學	1/2016

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof James Fawcett	University of Cambridge 劍橋大學	1/2017
Prof Eric Frank	Tufts University 塔夫斯大學	1/2019
Prof Xiaohua Gong	University of California, Berkeley 加州大學柏克萊分校	1/2014
Prof Xin-yuan Guan 關新元教授	The University of Hong Kong 香港大學	1/2019
Prof Stephen Hawkins	University of Southampton 南安普敦大學	3/2018
Prof Jufang He 賀菊方教授	City University of Hong Kong 香港城市大學	3/2018
Prof Yu Huang 黃聿教授	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof William Hunter	University of Dundee 鄧迪大學	3/2018
Prof Chi-chung Hui	University of Toronto 多倫多大學	1/2014
Prof Wei Jia 賈偉教授	University of Hawaii 夏威夷大學	1/2014
Prof Liwen Jiang 姜里文教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Dong-yan Jin 金冬雁教授	The University of Hong Kong 香港大學	2/2019
Prof Han-sung Jung 鄭翰聖教授	Yonsei University 延世大學	3/2018
Prof Yibin Kang 康毅濱教授	Princeton University 普林斯頓大學	12/2018
Prof Kay-tee Khaw	University of Cambridge 劍橋大學	12/2017
Prof Hon-ming Lam 林漢明教授	The Chinese University of Hong Kong 香港中文大學	2/2019

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Mansun Law	The Scripps Research Institute 斯克里普斯研究所	12/2017
Prof Ping-yee Law 羅秉義教授	University of California, Los Angeles 加州大學洛杉磯分校	1/2014
Prof Kenneth Mei-yee Leung 梁美儀教授	The University of Hong Kong 香港大學	2/2019
Prof Eddy Foo-yew Liew 劉富友教授	University of Glasgow 格拉斯哥大學	4/2019
Prof Kai Liu 劉凱教授	The Hong Kong University of Science and Technology 香港科技大學	2/2019
Prof Chung-mau Lo 盧寵茂教授	The University of Hong Kong 香港大學	1/2014
Prof Fanxin Long	Washington University 華盛頓大學	1/2014
Prof William Weijia Lu 呂維加教授	The University of Hong Kong 香港大學	12/2018
Prof Aiping Lyu 呂愛平教授	Hong Kong Baptist University 香港浸會大學	1/2014
Prof Ronald Ching-wan Ma 馬青雲教授	The Chinese University of Hong Kong 香港中文大學	1/2019
Prof Tony Shu-kam Mok 莫樹錦教授	The Chinese University of Hong Kong 香港中文大學	2/2016
Prof Peter Petraitis	University of Pennsylvania 賓夕法尼亞大學	3/2014
Prof Ada Poon	Stanford University 史丹福大學	12/2017
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷-維滕貝格大學	11/2018
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科學研究所	12/2018
Prof Kathryn Choon-beng Tan 陳俊明教授	The University of Hong Kong 香港大學	1/2017
Prof Cun-yu Wang 王春雨教授	University of California, Los Angeles 加州大學洛杉磯分校	1/2017
Prof Dazhi Wang 王大之教授	Harvard University 哈佛大學	1/2014

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Zhiyong Wang 王志勇教授	Stanford University 史丹福大學	3/2014
Prof Zilong Wen 溫子龍教授	The Hong Kong University of Science and Technology 香港科技大學	11/2018
Prof Chris Kong-chu Wong 黃港住教授	Hong Kong Baptist University 香港浸會大學	1/2014
Prof Ferranti See Leng Wong	Queen Mary University of London 倫敦大學瑪麗皇后學院	12/2017
Prof Frances Kam-yuet Wong 黃金月教授	The Hong Kong Polytechnic University 香港理工大學	1/2015
Prof Ed Xuekui Wu 吳學奎教授	The University of Hong Kong 香港大學	1/2015
Prof Zhenguo Wu 鄔振國教授	The Hong Kong University of Science and Technology 香港科技大學	1/2017
Prof Nieng Yan 顏寧教授	Princeton University 普林斯頓大學	1/2019
Prof Ella Yeung 楊慧教授	The Hong Kong Polytechnic University 香港理工大學	12/2018
Prof Hongtao Yu	University of Texas 德克薩斯州大學	1/2018
Prof Benjamin Yat-ming Yung 翁一鳴教授	The Hong Kong Polytechnic University 香港理工大學	12/2017
Prof Michael Q. Zhang 張奇偉教授	University of Texas at Dallas 德州大學達拉斯分校	3/2018
Prof Yuanting Zhang 張元亭教授	City University of Hong Kong 香港城市大學	2/2019
Prof Chunfeng Zhao	Mayo Clinic 梅約臨床醫學院	1/2015
Prof Minghao Zheng	The University of Western Australia 西澳大學	1/2015
Prof Yong-ping Zheng 鄭永平教授	The Hong Kong Polytechnic University 香港理工大學	2/2016

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Business Studies 商學		
Prof Raymond Man-pao Kan (Chairman) 簡文豹教授 (主席)	University of Toronto 多倫多大學	7/2017
Prof Hanming Fang (Deputy Chairman – Joint Research Schemes) 方漢明教授 (副主席 – 合作研究計劃)	University of Pennsylvania 賓夕法尼亞大學	2/2015
Prof Ki-Joon Back	University of Houston 休士頓大學	11/2017
Prof Eli Bartov	New York University 紐約大學	3/2014
Prof Utpal Bhattacharya	The Hong Kong University of Science and Technology 香港科技大學	11/2017
Prof Patrick YK Chau 周蔭強教授	The University of Hong Kong 香港大學	3/2014
Prof Frank Chen 陳友華教授	City University of Hong Kong 香港城市大學	3/2018
Prof Yongmin Chen 陳勇民教授	University of Colorado at Boulder 科羅拉多大學博爾德分校	1/2014
Prof Yuxin Chen 陳宇新教授	New York University Shanghai 上海紐約大學	1/2015
Prof Louis TW Cheng 鄭子雲教授	The Hong Kong Polytechnic University 香港理工大學	2/2016
Prof Yin-Wong Cheung 張賢旺教授	City University of Hong Kong 香港城市大學	11/2017
Prof Daniel A Cohen	Texas A&M University 德州農工大學	1/2014



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Sudipto Dasgupta	The Chinese University of Hong Kong 香港中文大學	11/2017
Prof Andrew Delios	National University of Singapore 新加坡國立大學	1/2015
Prof Barbara Flynn	Indiana University 印第安納大學	3/2014
Prof Anindya Ghose	New York University 紐約大學	1/2014
Prof David A. Griffith	Texas A&M University 德州農工大學	1/2016
Prof Zhaoyang Gu	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof JJ Po-An Hsieh 謝博安教授	Georgia State University 喬治亞州立大學	1/2014
Prof Vernon N Hsu 徐寧教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Xu Huang 黃旭教授	Hong Kong Baptist University 香港浸會大學	2/2016
Prof Haitao Li 李海濤教授	Cheung Kong Graduate School of Business 長江商學院	1/2015
Prof Hongbin Li	Stanford University 史丹福大學	11/2018
Prof Hui Liao	University of Maryland 馬里蘭大學	2/2015
Prof Jeffrey Tee Yong Ng	The Hong Kong Polytechnic University 香港理工大學	11/2018
Prof Carol W. Shanklin	Kansas State University 堪薩斯州立大學	12/2018
Prof Peng Sun	Duke University 杜克大學	11/2018
Prof Zhigang Tao 陶志剛教授	The University of Hong Kong 香港大學	2/2015

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof James Thong 湯永亮教授	The Hong Kong University of Science and Technology 香港科技大學	1/2015
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲莎大學	11/2018
Prof David Tse 謝貴枝教授	The University of Hong Kong 香港大學	2/2012
Prof Eric Van Wincoop	University of Virginia 維吉尼亞大學	2/2017
Prof M.H. Franco Wong	University of Toronto 多倫多大學	12/2017
Prof Nancy Wong	University of Wisconsin-Madison 威斯康星大學麥迪遜分校	1/2016
Prof Houmin Yan 嚴厚民教授	City University of Hong Kong 香港城市大學	2/2012
Prof Daphne Wing-yee Yiu	The Chinese University of Hong Kong 香港中文大學	11/2017
Prof Jiawei Zhang 張家偉教授	New York University 紐約大學	3/2018
Prof Shaohui Zheng 鄭少輝教授	The Hong Kong University of Science and Technology 香港科技大學	1/2014

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Engineering 工程學		
Prof Jiun-shyan Chen (Chairman) 陳俊賢教授 (主席)	University of California, San Diego 加州大學聖地牙哥分校	7/2016
Prof Wing Kam Liu (Deputy Chairman – Joint Research Schemes) 廖榮錦教授 (副主席—合作研究計劃)	Northwestern University 西北大學	2/2015
Prof Dapeng Oliver Wu (Chairman, Computer Science & Information Technology and Electrical & Electronic Engineering Sub-Panel) 吳大鵬教授 (計算機科學及資訊科技暨電機 電子工程分組主席)	University of Florida 佛羅里達大學	12/2014
Prof Pedro J. Alvarez	Rice University 萊斯大學	11/2018
Prof Yuri Bazilevs	Brown University 布朗大學	12/2014
Prof Ronaldo I Borja	Stanford University 史丹福大學	1/2016
Prof Catherine Brinson	Duke University 杜克大學	11/2018
Prof Lilong Cai 蔡李隆教授	The Hong Kong University of Science and Technology 香港科技大學	2/2014
Prof Jian Cao	Northwestern University 西北大學	11/2018
Prof Gregory P. Carman	University of California, Los Angeles 加州大學洛杉磯分校	1/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Albert Ping-chuen Chan 陳炳泉教授	The Hong Kong Polytechnic University 香港理工大學	1/2016
Prof Tung-sun Chan 陳東燊教授	The Hong Kong Polytechnic University 香港理工大學	3/2018
Prof Xiuli Chao 趙修利教授	University of Michigan, Ann Arbor 密芝根大學安娜堡分校	11/2018
Prof Chang-wen Chen 陳長汶教授	The State University of New York at Buffalo 紐約州立大學水牛城分校	12/2014
Prof Lei Chen 陳雷教授	The Hong Kong University of Science and Technology 香港科技大學	1/2017
Prof Eric Ka-wai Cheng 鄭家偉教授	The Hong Kong Polytechnic University 香港理工大學	1/2016
Prof Michael Kwok-keung Cheng 鄭國強教授	The Chinese University of Hong Kong 香港中文大學	1/2016
Prof Sai-on Cheung 張世安教授	City University of Hong Kong 香港城市大學	1/2017
Prof George T C Chiu 邱祚之教授	Purdue University 普渡大學	1/2016
Prof Ken P Chong 張建平教授	The George Washington University 喬治華盛頓大學	2/2019
Prof Wallace C H Choy 蔡植豪教授	The University of Hong Kong 香港大學	11/2017
Prof Henry S H Chung 鍾樹鴻教授	City University of Hong Kong 香港城市大學	11/2017
Prof Cunsheng Ding 丁存生教授	The Hong Kong University of Science and Technology 香港科技大學	1/2016
Prof Gang Feng 馮剛教授	City University of Hong Kong 香港城市大學	11/2017
Dr Julio C. Guerrero	Exponent, Inc.	12/2018
Prof Song Guo 郭嵩教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Kirill V. Horoshenkov	University of Sheffield 雪菲爾大學	4/2019
Prof Grace Yick Hsuan	Drexel University 德雷塞爾大學	11/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Chennupati Jagadish	Australian National University 澳洲國立大學	12/2014
Prof Woody Jiann-wen Ju 朱建文教授	University of California, Los Angeles 加州大學洛杉磯分校	7/2014
Prof Ji-jung Kai 開執中教授	City University of Hong Kong 香港城市大學	3/2018
Prof Jay C C Kuo 郭宗杰教授	University of Southern California 南加州大學	1/2017
Prof Philip T Krein	University of Illinois at Urbana-Champaign 伊利諾大學厄巴納—香檳分校	7/2014
Prof James Lam 林參教授	The University of Hong Kong 香港大學	2/2016
Prof Kenneth Kin-man Lam 林健文教授	The Hong Kong Polytechnic University 香港理工大學	11/2013
Prof William Hing-keung Lam 林興強教授	The Hong Kong Polytechnic University 香港理工大學	11/2018
Prof Andrew Chi-Sing Leung 梁志成教授	City University of Hong Kong 香港城市大學	1/2016
Prof Christopher K Y Leung 梁堅凝教授	The Hong Kong University of Science and Technology 香港科技大學	11/2017
Prof Baochun Li 李葆春教授	University of Toronto 多倫多大學	4/2019
Professor Duan Li 李端教授	City University of Hong Kong 香港城市大學	1/2017
Prof Haizhou Li 李海洲教授	National University of Singapore 新加坡國立大學	1/2017
Prof Ninghui Li 李寧輝教授	Purdue University 普渡大學	1/2017
Prof Ping Li 李坪教授	City University of Hong Kong 香港城市大學	11/2013
Prof Qiusheng Li 李秋勝教授	City University of Hong Kong 香港城市大學	1/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Wen-jung Li 李文榮教授	City University of Hong Kong 香港城市大學	11/2017
Prof Chee-wah Lim 林志華教授	City University of Hong Kong 香港城市大學	11/2017
Prof Yun-hui Liu 劉雲輝教授	The Chinese University of Hong Kong 香港中文大學	11/2013
Prof Irene M C Lo 勞敏慈教授	The Hong Kong University of Science and Technology 香港科技大學	1/2015
Prof Siu-ming Lo 盧兆明教授	City University of Hong Kong 香港城市大學	3/2018
Prof Jon Longtin	Stony Brook University 石溪大學	12/2014
Prof Jane Wei-zhen Lu 盧偉真教授	City University of Hong Kong 香港城市大學	3/2018
Prof Howard Cam Luong 梁錦和教授	The Hong Kong University of Science and Technology 香港科技大學	1/2017
Prof Yiu-wing Mai 米耀榮教授	The University of Sydney 悉尼大學	11/2017
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大學	11/2017
Prof Anil Netravali	Cornell University 康奈爾大學	11/2013
Prof Charles Wang-wai Ng 吳宏偉教授	The Hong Kong University of Science and Technology 香港科技大學	1/2015
Prof Michael KP Ng 吳國寶教授	The University of Hong Kong 香港大學	2/2016
Prof Thomas Shiu-tong Ng 吳兆堂教授	The University of Hong Kong 香港大學	1/2015
Prof Thomas J Overbye	Texas A&M University 德州農工大學	12/2014
Professor Chin Pan 潘欽教授	City University of Hong Kong 香港城市大學	11/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof George J. Pappas	University of Pennsylvania 賓夕法尼亞大學	11/2018
Prof Witold Pedrycz	University of Alberta 阿爾伯塔大學	3/2018
Prof Jian Pei 裴健教授	Simon Fraser University 西門菲沙大學	12/2014
Prof Chi-sun Poon 潘智生教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Edwin Y B Pun 潘裕斌教授	City University of Hong Kong 香港城市大學	11/2017
Prof Long Quan 權龍教授	The Hong Kong University of Science and Technology 香港科技大學	11/2013
Prof Geoffrey Qiping Shen 沈岐平教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Kay-chen Tan 陳家進教授	City University of Hong Kong 香港城市大學	2/2019
Prof Hong Tang	Yale University 耶魯大學	1/2017
Prof Norman Chihnan Tien 田之楠教授	The University of Hong Kong 香港大學	1/2014
Prof Raymond Kai-yu Tong 湯啟宇教授	The Chinese University of Hong Kong 香港中文大學	2/2019
Prof Danny Hin-kyok Tsang 曾憲國教授	The Hong Kong University of Science and Technology 香港科技大學	2/2019
Prof Hon-ki Tsang 曾漢奇教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Fugee Tsung 宗福季教授	The Hong Kong University of Science and Technology 香港科技大學	11/2013
Prof Cho-li Wang 王卓立教授	The University of Hong Kong 香港大學	1/2017
Prof Jianping Wang 汪建平教授	City University of Hong Kong 香港城市大學	11/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Liqiu Wang 王立秋教授	The University of Hong Kong 香港大學	11/2013
Prof Min Wang 王敏教授	The University of Hong Kong 香港大學	1/2016
Prof Steve Wilcox	Federation University Australia 澳洲聯邦大學	2/2019
Prof Tien-tsin Wong 黃田津教授	The Chinese University of Hong Kong 香港中文大學	1/2016
Prof Ning Xi 席寧教授	The University of Hong Kong 香港大學	1/2016
Prof Tao Xie 謝濤教授	University of Illinois at Urbana-Champaign 伊利諾大學厄巴納—香檳分校	2/2019
Prof Jianliang Xu 徐建良教授	Hong Kong Baptist University 香港浸會大學	1/2017
Prof Cary Yang 楊遠偉教授	Santa Clara University 聖塔克拉拉大學	2/2016
Prof Yuanyuan Yang 楊圓圓教授	Stony Brook University 石溪大學	11/2018
Prof Patrick Yue 俞捷教授	The Hong Kong University of Science and Technology 香港科技大學	11/2017
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸會大學	12/2014
Prof Richard Kwok-kit Yuen 袁國傑教授	City University of Hong Kong 香港城市大學	1/2015
Prof Ming Zhang 張明教授	The Hong Kong Polytechnic University 香港理工大學	2/2017
Prof Nevin Zhang 張連文教授	The Hong Kong University of Science and Technology 香港科技大學	1/2017
Prof Song-chun Zhu	University of California, Los Angeles 加州大學洛杉磯分校	1/2017
Prof Moshe Zukerman	City University of Hong Kong 香港城市大學	1/2014

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Humanities and Social Sciences 人文學及社會科學		
Prof Cindy Fan (Chairman) 范芝芬教授 (主席)	University of California, Los Angeles 加州大學洛杉磯分校	11/2010
Prof Elisabetta Corsi (Deputy Chairman – Joint Research Schemes) 伊麗教授 (副主席—合作研究計劃)	University of Rome, La Sapienza 羅馬大學	2/2015
Prof Anita Mak (Chairman, Psychology and Linguistics Sub-Panel) (心理學及語言學分組主席)	University of Canberra 坎培拉大學	2/2015
Prof Paul Clark (Chairman, Humanities and Arts Sub-Panel) (人文學及藝術分組主席)	The University of Auckland 奧克蘭大學	11/2011
Prof Gigi Luk 陸智敏教授(Chairman, Education Sub-Panel) (教育分組主席)	McGill University 麥基爾大學	11/2013
Prof Jennifer Adams	Drexel University 德雷塞爾大學	1/2015
Prof Larry Catá Backer	The Pennsylvania State University 賓夕法尼亞州立大學	12/2018
Prof Michael Berry	University of California, Los Angeles 加州大學洛杉磯分校	1/2017
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉華大學	11/2017
Prof Ching-sing Chai 蔡敬新教授	The Chinese University of Hong Kong 香港中文大學	12/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Timothy WK Chan 陳偉強教授	Hong Kong Baptist University 香港浸會大學	1/2017
Prof Sylvia Xiaohua Chen 陳曉華教授	The Hong Kong Polytechnic University 香港理工大學	3/2018
Prof Hin-tat Cheung 張顯達教授	The Education University of Hong Kong 香港教育大學	1/2017
Prof Kai-wing Chow 周啟榮教授	University of Illinois at Urbana Champagne 伊利諾大學厄巴納—香檳分校	11/2013
Dr Samuel KW Chu 朱啟華博士	The University of Hong Kong 香港大學	3/2017
Prof Stephen Crain	Macquarie University 麥覺理大學	11/2013
Prof Cornelis de Bot	University of Groningen 格羅寧根大學	2/2016
Prof Lucy Dunne	University of Minnesota 明尼蘇達大學	1/2015
Prof Anne Edwards	University of Oxford 牛津大學	6/2014
Prof Eric Fong 方偉晶教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Ronald Fischer	Victoria University of Wellington 威靈頓維多利亞大學	11/2018
Prof Helene HL Fung 馮海嵐教授	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof Piper Gaubatz	University of Massachusetts 麻省大學	2/2015
Prof David S G Goodman	Xi'an Jiaotong-Liverpool University 西交利物浦大學	11/2017
Prof Christine M Halse 賀潔婷教授	The Education University of Hong Kong 香港教育大學	11/2017
Prof Michael J Holosko	University of Georgia 喬治亞大學	11/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Ping-chen Hsiung 熊秉真教授	The Chinese University of Hong Kong 香港中文大學	11/2013
Prof Jill Hunter	The University of New South Wales 新南威爾斯大學	11/2013
Prof Wilt Idema 伊維德教授	Harvard University 哈佛大學	12/2014
Prof Jiehong Jiang 姜節泓教授	Birmingham City University 伯明翰城市大學	1/2018
Prof Zhuo Jing-Schmidt 井茁教授	University of Oregon 俄勒岡大學	11/2017
Prof Kendall A. Johnson 莊競滔教授	The University of Hong Kong 香港大學	11/2018
Prof Gina W.F. Lai 賴蘊寬教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Maggy Lee 李淑儀教授	The University of Hong Kong 香港大學	12/2015
Prof Pui-wa Lei 李佩華教授	The Pennsylvania State University 賓夕法尼亞州立大學	3/2018
Prof Angela KC Leung 梁其姿教授	The University of Hong Kong 香港大學	11/2013
Prof Xigen Li 李喜根教授	City University of Hong Kong 香港城市大學	3/2018
Prof George CS Lin 林初昇教授	The University of Hong Kong 香港大學	3/2018
Prof Meichun Liu 劉美君教授	City University of Hong Kong 香港城市大學	3/2018
Prof Sandy S C Li 李兆璋教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Jeffrey Liew	Texas A & M University 德州農工大學	11/2017
Prof Carlos WH Lo 盧永鴻教授	The Chinese University of Hong Kong 香港中文大學	11/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Geraldine Macdonald	University of Bristol 布里斯托大學	12/2018
Prof Ann MacPhail	University of Limerick 利墨瑞克大學	11/2017
Prof Raymond A. Mar	York University 約克大學	11/2018
Prof Richard Bernhart Owen 歐文彬教授	Hong Kong Baptist University 香港浸會大學	2/2014
Prof Franklin Perkins	University of Hawai'i at Mānoa 夏威夷大學馬諾阿分校	12/2017
Prof Mu-chou Poo 蒲慕州教授	The Chinese University of Hong Kong 香港中文大學	11/2013
Prof Douglas Robinson 羅德恪教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Shalendra D. Sharma	Lingnan University 嶺南大學	11/2018
Prof David Shum	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof James A. Steintrager	University of California, Irvine 加利福尼亞大學爾灣分校	11/2018
Prof Winnie WM So 蘇詠梅教授	The Education University of Hong Kong 香港教育大學	3/2018
Prof David Takeuchi	University of Washington 華盛頓大學	1/2015
Prof Michael Tawa	The University of Sydney 悉尼大學	11/2017
Prof Christian Wagner	City University of Hong Kong 香港城市大學	12/2014
Prof Alan Walker	The University of Sheffield 謝菲爾德大學	2/2015
Prof Donggen Wang 王冬根教授	Hong Kong Baptist University 香港浸會大學	3/2018

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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Roger Watson	University of Hull 赫爾大學	11/2013
Prof Cecilia Wong 黃燕玲教授	The University of Manchester 曼徹斯特大學	11/2018
Prof Christopher J Webster	The University of Hong Kong 香港大學	2/2016
Prof Patrick CM Wong 黃俊文教授	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof Weiping Wu	Columbia University 哥倫比亞大學	11/2017
Prof Emilie Yueh-yu Yeh 葉月瑜教授	Lingnan University 嶺南大學	2/2014
Prof Carine Yiu 姚玉敏教授	The Hong Kong University of Science and Technology 香港科技大學	12/2014
Prof May Yuan	The University of Texas at Dallas 德克薩斯州大學達拉斯分校	2/2015
Prof Mei Zhan	University of California, Irvine 加利福尼亞大學爾灣分校	11/2018
Prof Hua Zhu 祝華教授	University of London 倫敦大學	11/2017

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Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Physical Sciences 自然科學		
Prof Bill Milne (Chairman) (主席)	University of Cambridge 劍橋大學	11/2013
Prof Ralf Bundschuh (Deputy Chairman – Joint Research Schemes) (副主席—合作研究計劃)	The Ohio State University 俄亥俄州立大學	2/2015
Prof Wesley Cantwell	Khalifa University 哈里發大學	11/2013
Prof Johnny CL Chan 陳仲良教授	City University of Hong Kong 香港城市大學	1/2017
Prof Kwok-sum Chan 陳國森教授	City University of Hong Kong 香港城市大學	2/2016
Prof Raymond Hon-fu Chan 陳漢夫教授	City University of Hong Kong 香港城市大學	2/2014
Prof Guohua Chen 陳國華教授	The Hong Kong Polytechnic University 香港理工大學	1/2015
Prof Xiaojun Chen 陳小君教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Manish Chhowalla	Rutgers University 羅格斯大學	3/2018
Prof Pauline Chiu 趙寶貽教授	The University of Hong Kong 香港大學	2/2019
Prof Hui-hui Dai 戴暉輝教授	City University of Hong Kong 香港城市大學	3/2018
Prof Jianping Gan 甘劍平教授	The Hong Kong University of Science and Technology 香港科技大學	2/2017
Prof Gian Francesco Giudice	CERN 歐洲核子研究組織	2/2016
Prof Xuming He 何旭銘教授	University of Michigan 密歇根大學	3/2014

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附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof I-ming Hsing 邢怡銘教授	The Hong Kong University of Science and Technology 香港科技大學	11/2017
Prof Lam Hui 許林教授	Columbia University 哥倫比亞大學	11/2018
Prof Arieh Iserles	University of Cambridge 劍橋大學	3/2014
Prof Chi-yung Jim	The Education University of Hong Kong 香港教育大學	11/2018
Prof Jon P Keating	University of Bristol 布里斯托大學	2/2016
Prof Fuk-yeek Kwong 鄭福兒教授	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof Tai-chu Lau 劉大鑄教授	City University of Hong Kong 香港城市大學	3/2018
Prof Chun-sing Lee 李振聲教授	City University of Hong Kong 香港城市大學	11/2013
Prof Ting-kuo Lee 李定國教授	Academia Sinica 中央研究院	2/2016
Prof Conan Nai-chung Leung 梁迺聰教授	The Chinese University of Hong Kong 香港中文大學	2/2019
Prof Jun Li 李駿教授	Stanford University 史丹福大學	11/2018
Prof Weiping Li 李衛平教授	The Hong Kong University of Science and Technology 香港科技大學	3/2018
Prof Hongyu Liu 劉宏宇教授	Hong Kong Baptist University 香港浸會大學	11/2018
Prof Ren-bao Liu 劉仁保教授	The Chinese University of Hong Kong 香港中文大學	1/2015
Prof Nicholas Long	Imperial College London 倫敦帝國學院	3/2018
Prof Tao Luo 羅濤教授	City University of Hong Kong 香港城市大學	3/2018
Prof Chengde Mao 毛誠德教授	Purdue University 普渡大學	4/2019
Prof John R Owen	University of Southampton 南安普敦大學	11/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Xiaoqing Pan 潘曉晴教授	University of California, Irvine 加州大學爾灣分校	11/2013
Prof Liqun Qi 祁力群教授	The Hong Kong Polytechnic University 香港理工大學	2/2014
Prof Andrey Rogach	City University of Hong Kong 香港城市大學	3/2018
Prof Qi-man Shao 邵啟滿教授	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Chi-wang Shu 舒其望教授	Brown University 布朗大學	7/2014
Prof Simon F. B. Tett	The University of Edinburgh 愛丁堡大學	1/2019
Prof Christopher Tout	University of Cambridge 劍橋大學	3/2018
Prof Jianfang Wang 王建方教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大學河濱分校	2/2016
Prof Ricky Man-shing Wong 黃文成教授	Hong Kong Baptist University 香港浸會大學	2/2017
Prof Zhouping Xin 辛周平教授	The Chinese University of Hong Kong 香港中文大學	11/2018
Prof Yushan Yan 嚴玉山教授	University of Delaware 特拉華大學	1/2015
Prof Wang Yao 姚望教授	The University of Hong Kong 香港大學	11/2017
Dr Zhongping Yao 姚鍾平博士	The Hong Kong Polytechnic University 香港理工大學	2/2019
Prof Zhiliang Ying 應志良教授	Columbia University 哥倫比亞大學	11/2018
Prof Tian-cheng Zhang 張天成教授	University of Nebraska-Lincoln 內布拉斯加大學林肯分校	2/2014
Prof Qiming Zhou 周啟鳴教授	Hong Kong Baptist University 香港浸會大學	3/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Collaborative Research Fund Committee

協作研究金委員會

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Paul K L Yu (Chairman) 余劫離教授 (主席)	University of California, San Diego 加州大學聖地牙哥分校	7/2017
Prof Yuri Bazilevs	University of California, San Diego 加州大學聖地牙哥分校	3/2018
Prof Ralf Bundschuh	The Ohio State University 俄亥俄州立大學	3/2018
Prof Wesley Cantwell	The University of Liverpool 利物浦大學	3/2018
Prof Gregory P. Carman	University of California, Los Angeles 加州大學洛杉磯分校	3/2018
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加州大學聖地牙哥分校	7/2016
Prof George TC Chiu 邱祚之教授	Purdue University 普渡大學	3/2018
Prof Ken P Chong 張建平教授	The George Washington University 喬治華盛頓大學	3/2018
Prof Yip-wah Chung, BBS 鍾業華教授, BBS	Northwestern University 西北大學	7/2018
Prof Paul Clark	University of Auckland 奧克蘭大學	7/2014
Prof Yang Dan	University of California, Berkeley 加州大學柏克萊分校	3/2018
Prof Michael P Doyle 邁克爾·多伊教授	The University of Texas at San Antonio 德克薩斯大學聖安東尼奧分校	7/2015
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大學洛杉磯分校	8/2017
Prof James Fawcett	University of Cambridge 劍橋大學	3/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Barbara Flynn	Indiana University 印第安那大學	3/2018
Prof Piper Gaubatz	University of Massachusetts 馬薩諸塞大學	3/2018
Prof Aaron D. Gitler	Stanford University 史丹福大學	3/2018
Prof Gian Francesco Giudice	The European Organization for Nuclear Research (CERN), Switzerland 歐洲核子研究組織	3/2018
Prof Xiaohua Gong	University of California, Berkeley 加州大學柏克萊分校	3/2018
Prof Min Han	University of Colorado at Boulder 科羅拉多大學波德分校	3/2018
Prof Xuming He 何旭銘教授	University of Michigan 密芝根大學	3/2018
Prof Zhigang He 何志剛教授	Harvard University 哈佛大學	12/2016
Prof Jill Hunter	The University of New South Wales 新南威爾斯大學	3/2018
Prof Arieh Iserles	University of Cambridge 劍橋大學	3/2018
Prof Chennupati Jagadish	Australian National University 澳洲國立大學	3/2018
Prof Wei Jia 賈偉教授	University of Hawaii at Monoa 夏威夷大學馬諾阿分校	3/2018
Prof Raymond Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Prof Kay-tee Khaw	University of Cambridge 劍橋大學	3/2018



Appendix C: Committee/Panel Membership 2018/19
附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Philip T Krein	University of Illinois at Urbana-Champaign 伊利諾伊大學厄巴納—香檳分校	3/2018
Prof Jay C C Kuo 郭宗杰教授	University of Southern California 南加州大學	3/2018
Prof Yue Kuo	Texas A&M University 德州農工大學	3/2018
Prof Ping-yee Law 羅秉義教授	University of California, Los Angeles 加州大學洛杉磯分校	3/2018
Prof Ting-kuo Lee 李定國教授	Academia Sinica 中央研究院	3/2018
Dr Hui Liao	University of Maryland 馬利蘭大學	3/2018
Prof Wing Kam Liu 廖榮錦教授	Northwestern University 西北大學	3/2018
Prof Fanxin Long	Washington University 華盛頓大學	3/2018
Prof Sylvie Lorente	University of Toulouse 圖盧茲大學	3/2018
Prof Gigi Luk 陸智敏教授	McGill University 麥基爾大學	3/2018
Prof Anita Mak 麥呂瑞華教授	University of Canberra 坎培拉大學	7/2017
Prof Maria G Masucci	Karolinska Institute, Sweden 卡羅琳學院	3/2018
Prof Bill Milne	University of Cambridge 劍橋大學	9/2017
Prof Alexandru Morega	University Politehnica of Bucharest, Romania 布加勒斯特理工大學	3/2018
Prof Anil Netravali	Cornell University 康奈爾大學	3/2018
Prof Thomas J Overbye	Texas A&M University 德州農工大學	3/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Xiaoqing Pan 潘曉晴教授	University of California – Irvine 加州大學爾灣分校	3/2018
Prof Jian Pei 裴健教授	Simon Fraser University 西門菲沙大學	3/2018
Prof Peter Petraitis	University of Pennsylvania 賓夕法尼亞大學	3/2018
Prof Ada Poon	Stanford University 史丹福大學	3/2018
Prof Jerry W Shay	University of Texas Southwestern Medical Center 德克薩斯大學達拉斯西南醫學中心	3/2018
Prof Chi-wang Shu 舒其望教授	Brown University 布朗大學	3/2018
Prof C K Shum	The Ohio State University 俄亥俄州立大學	5/2018
Prof Jay Siegel	Tianjin University 天津大學	7/2014
Prof Geoffrey L Smith	University of Cambridge 劍橋大學	7/2015
Prof Richard Strugnell	The University of Melbourne 墨爾本大學	7/2016
Prof David Takeuchi	University of Washington 華盛頓大學	3/2018
Prof Hong Tang	Yale University 耶魯大學	3/2018
Prof Christopher Tout	University of Cambridge 劍橋大學	3/2018
Prof Cun-yu Wang 王春雨教授	University of California, Los Angeles 加州大學洛杉磯分校	3/2018
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大學河濱分校	3/2018
Prof Zhiyong Wang 王志勇教授	Stanford University 史丹福大學	3/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Tim Wright 韋立德教授	The University of Western Australia 西澳大學	3/2018
Prof Dapeng Oliver Wu 吳大鵬教授	University of Florida 佛羅里達大學	3/2018
Prof Weiping Wu	Columbia University 哥倫比亞大學	3/2018
Prof Yushan Yan 嚴玉山教授	University of Delaware 特拉華大學	3/2018
Prof Hongtao Yu	The University of Texas Southwestern Medical Center 德克薩斯大學達拉斯西南醫學中心	3/2018
Prof Shou-wu Zhang 張壽武教授	Princeton University 普林斯頓大學	3/2018
Prof Tian-cheng Zhang	University of Nebraska-Lincoln at Omaha Campus 內布拉斯加大學	3/2018
Prof Xiaodong Zhang 張曉東教授	The Ohio State University 俄亥俄州立大學	3/2018
Prof Chunfeng Zhao	Mayo Clinic College of Medicine 梅約臨床醫學院	3/2018
Prof Song-chun Zhu	University of California, Los Angeles 加州大學洛杉磯分校	3/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Major Projects Steering Committee

大型研究項目督導委員會

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Edward Sze-shing Yeung (Chairman) 楊仕成教授 (主席)	Iowa State University 愛荷華州立大學	7/2017
Dr Peter Brewer	Monterey Bay Aquarium Research Institute 蒙特瑞灣海洋研究所	7/2017
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加州大學聖地牙哥分校	7/2016
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大學洛杉磯分校	8/2017
Prof Zhi-gang He 何志剛教授	Harvard University 哈佛大學	12/2016
Prof Raymond Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Prof Bill Milne	University of Cambridge 劍橋大學	9/2017
Prof Paul K L Yu 余劭離教授	University of California, San Diego 加州大學聖地牙哥分校	7/2017



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Theme-based Research Scheme Selection Panel

主題研究計劃遴選小組

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Edward Sze-shing Yeung (Chairman) 楊仕成教授 (主席)	Iowa State University 愛荷華州立大學	7/2017
Dr Peter Brewer	Monterey Bay Aquarium Research Institute 蒙特瑞灣海洋研究所	7/2017
Prof Sabri Cetin	University of Illinois at Chicago 伊利諾大學芝加哥分校	7/2016
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加州大學聖地牙哥分校	8/2018
Prof Rowland W Chang 張慰堂教授	Northwestern University 西北大學	7/2014
Prof Jin-chuan Duan 段錦泉教授	National University of Singapore 新加坡國立大學	11/2017
Prof Anne Edwards	University of Oxford 牛津大學	11/2015
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大學洛杉磯分校	8/2017
Prof James Fawcett	University of Cambridge 劍橋大學	7/2017
Prof Zhigang He 何志剛教授	Harvard University 哈佛大學	12/2016
Prof Raymond Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Prof Yibin Kang 康毅濱教授	Princeton University 普林斯頓大學	7/2017
Prof Wing-kam Liu 廖榮錦教授	Northwestern University 西北大學	11/2015
Prof Bill Milne	University of Cambridge 劍橋大學	7/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Roger H Reeves	Johns Hopkins University 約翰斯·霍普金斯大學	7/2014
Prof Anne Rutkowski	Tilburg University 蒂爾堡大學	7/2014
Prof Jay Siegel	Tianjin University 天津大學	7/2016
Prof Masayoshi Tomizuka 富塚誠義教授	University of California at Berkeley 加州大學柏克萊分校	11/2015
Prof Andrew J Whittle	Massachusetts Institute of Technology 麻省理工學院	7/2018
Prof William M Worek	Texas A&M University-Kingsville 德克薩斯州農工大學金斯維爾分校	7/2014
Prof Paul K L Yu 余劫離教授	University of California, San Diego 加州大學聖地牙哥分校	7/2015
Prof Harold Zhang 張慧冰教授	University of Texas at Dallas 德克薩斯州大學達拉斯分校	10/2018
Prof Xiaodong Zhu 朱曉冬教授	University of Toronto 多倫多大學	11/2017



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Steering Committee on Research Themes and Topics 研究主題及題目督導委員會

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Lap-chee Tsui, GBM, GBS, JP (Chairman) 徐立之教授, GBM, GBS, JP (主席)	The Academy of Sciences of Hong Kong 香港科學院	11/2017
Prof Shuk-han Cheng 鄭淑嫻教授	City University of Hong Kong 香港城市大學	11/2017
Mr Henry Kwong-han Leung 梁廣恒先生	Nano and Advanced Materials Institute Limited 納米及先進材料研發院有限公司	11/2017
Dr York Liao, SBS, JP 廖約克博士, SBS, JP	Winbridge Co. Ltd.	11/2017
Prof Dennis Yuk-ming Lo, SBS, JP 盧煜明教授, SBS, JP	The Chinese University of Hong Kong 香港中文大學	11/2017
Prof Ting-chuen Pong 龐鼎全教授	The Hong Kong University of Science and Technology 香港科技大學	11/2017
Mr Ming-yam Wong, SBS, JP 王明鑫先生, SBS, JP	Hong Kong Applied Science and Technology Research Institute Company Limited 香港應用科技研究院有限公司	11/2017
Prof Richard Yue-chim Wong, SBS, JP 王于漸教授, SBS, JP	The University of Hong Kong 香港大學	11/2017
Prof Edward Sze-shing Yeung (Ex-officio Member) 楊仕成教授 (當然成員)	Iowa State University 愛荷華州立大學	11/2017
Prof On-ching Yue (Ex-officio Member) 余安正教授 (當然成員)	Innovation and Technology Commission 創新科技署	11/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Research Impact Fund Committee

研究影響基金委員會

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Yip-wah Chung, BBS (Chairman) 鍾業華教授, BBS (主席)	Northwestern University 西北大學	3/2018
Prof Owen Addison	University of Alberta 阿爾伯塔大學	4/2018
Prof Daniel Alexander	University College London 倫敦大學學院	4/2018
Prof Soon Ang	Nanyang Technological University 南洋理工大學	4/2018
Prof Ruzena Bajcsy	University of California, Berkeley 加州大學柏克萊分校	4/2018
Prof Mona Baker	The University of Manchester 曼徹斯特大學	4/2018
Prof Randall Berry	Northwestern University 西北大學	4/2018
Prof Eileen Breslin	The University of Texas Health Science Centre 德克薩斯大學醫學中心	4/2018
Prof Heather Campbell	The University of Sheffield 謝菲爾德大學	5/2018
Prof Xiao-Ping Chen 陳曉萍教授	University of Washington 華盛頓大學	3/2018
Prof Michael P Doyle	The University of Texas at San Antonio 德克薩斯大學聖安東尼奧分校	3/2018
Prof Susan M. Fitzmaurice	The University of Sheffield 謝菲爾德大學	4/2018
Prof John Fourkas	University of Maryland 馬里蘭大學	4/2018
Prof Patrick Fox	The Pennsylvania State University 賓夕法尼亞州立大學	6/2018



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof William Grabe	Northern Arizona University 北亞利桑那大學	4/2018
Dr Robin Grant	The University of Edinburgh 愛丁堡大學	4/2018
Prof Jianguo Guan 官建國教授	Wuhan University of Technology 武漢理工大學	4/2018
Prof Tamara Hervey	The University of Sheffield 謝菲爾德大學	5/2018
Prof Jeffrey Hu	Georgia Institute of Technology 喬治亞理工學院	4/2018
Prof William N Hunter	University of Dundee 鄧迪大學	3/2018
Prof Peter Hylands	King's College London 倫敦國王學院	4/2018
Prof Yun-Hee Jeon	The University of Sydney 悉尼大學	5/2018
Prof Zhigang Jiang 江志剛教授	Georgia Institute of Technology 喬治亞理工學院	5/2018
Prof C Eduard Karpov	University of Illinois Chicago 伊利諾大學芝加哥分校	4/2018
Prof Sunil Kukreja	National University of Singapore 新加坡國立大學	4/2018
Prof Terry Lamb	University of Westminster 西敏寺大學	4/2018
Prof Seung-Wuk Lee	University of California, Berkeley 加州大學伯克利分校	4/2018
Prof Shaofan Li 李少凡教授	University of California, Berkeley 加州大學伯克利分校	4/2018
Prof Lingjun Li 李靈軍教授	University of Wisconsin Madison 威斯康辛大學麥迪遜分校	4/2018
Dr Ruifeng Liang 梁瑞鳳博士	West Virginia University 西維吉尼亞大學	4/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Peter K. Liaw 廖楷輝教授	The University of Tennessee, Knoxville 田納西大學諾克斯維爾分校	4/2018
Prof Wing-kam Liu 廖榮錦教授	Northwestern University 西北大學	3/2018
Prof Peter Lucas	Leiden University 萊頓大學	5/2018
Prof Vincent Mak 麥華嵩教授	University of Cambridge 劍橋大學	4/2018
Prof Stuart Maudsley	VIB-UAntwerp Center for Molecular Neurology 安特衛普大學VIB分子神經病學中心	4/2018
Prof Chris Mi	San Diego State University 聖地牙哥州立大學	4/2018
Prof Tracey Moore	The University of Sheffield 謝菲爾德大學	5/2018
Dr Hidewaki Nakagawa	The University Of Tokyo 東京大學	5/2018
Prof Ray Owens	University of Oxford 牛津大學	4/2018
Prof Jian Pei 裴健教授	Simon Fraser University 西門菲莎大學	5/2018
Mr Michael Pidd	The University of Sheffield 謝菲爾德大學	5/2018
Prof Subramanian Ramaswamy	The Institute for Stem Cell Biology and Regenerative Medicine 印度幹細胞生物學及再生醫學研究所	4/2018
Prof Taina Rantanen	University of Jyväskylä 于韋斯屈萊大學	5/2018
Prof Hemant Kumar Roy	Boston University 波士頓大學	5/2018
Prof Matthias Schwab	University of Tübingen 杜賓根大學	4/2018
Prof Yong Tan 譚勇教授	University of Washington 華盛頓大學	4/2018



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Shaoqiang Tang 唐少強教授	Peking University 北京大學	4/2018
Prof Jinhua Wang	University of Minnesota 明尼蘇達大學	5/2018
Prof Bridgette Wessels	University of Glasgow 格拉斯哥大學	4/2018
Prof David Winkler	Monash University 蒙納殊大學	4/2018
Prof Dapeng Oliver Wu 吳大鵬教授	University of Florida 佛羅里達大學	4/2018
Prof Simeon Yates	University of Liverpool 利物浦大學	4/2018
Prof Won-Sub Yoon	Sungkyunkwan University 成均館大學	4/2018
Prof Raymond Yung	University of Michigan 密西根大學	4/2018
Prof Yongjie Jessica Zhang	Carnegie Mellon University 卡尼基美隆大學	5/2018
Prof Hongcai Joe Zhou 周宏才教授	Texas A&M University 德州農工大學	5/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Joint Laboratory Funding Scheme Selection Panel

聯合實驗室資助計劃遴選小組

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Paul K L Yu (Chairman) 余劫離教授 (主席)	University of California, San Diego 加州大學聖地牙哥分校	5/2019
Prof Wesley Cantwell	The University of Liverpool 利物浦大學	5/2019
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加州大學聖地牙哥分校	5/2019
Prof George T C Chiu 邱祚之教授	Purdue University 普渡大學	5/2019
Prof Ken P Chong 張建平教授	The George Washington University 喬治華盛頓大學	5/2019
Prof Gian Francesco Giudice	CERN 歐洲核子研究組織	5/2019
Dr Julio C Guerrero	Exponent, Inc.	5/2019
Prof Zhigang He 何志剛教授	Harvard University 哈佛大學	5/2019
Prof Chennupati Jagadish	Australian National University 澳洲國立大學	5/2019
Prof Sylvie Lorente	University of Toulouse 圖盧茲大學	5/2019
Prof Bill Milne	University of Cambridge 劍橋大學	5/2019
Prof Peter Petraitis	University of Pennsylvania 賓夕法尼亞大學	5/2019



Appendix C: Committee/Panel Membership 2018/19
 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Ada Poon	Stanford University 史丹福大學	5/2019
Prof Hong Tang	Yale University 耶魯大學	5/2019
Prof Hongtao Yu	University of Texas 德克薩斯州大學	5/2019
Prof Tian-cheng Zhang 張天成教授	University of Nebraska-Lincoln 內布拉斯加大學林肯分校	5/2019
Prof Minghao Zheng	The University of Western Australia 西澳大學	5/2019

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Steering Committee on Competitive Research Funding for the Self-financing Degree Sector 自資學位界別競逐研究資助督導委員會

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Benjamin W Wah, JP (Chairman) 華雲生教授, JP (主席)	The Chinese University of Hong Kong 香港中文大學	10/2013
Prof Che-ting Chan 陳子亭教授	The Hong Kong University of Science and Technology 香港科技大學	10/2016
Prof Patrick Yam-keung Chau 周蔭強教授	The University of Hong Kong 香港大學	10/2018
Prof Helen Mei-ling Meng 蒙美玲教授	The Chinese University of Hong Kong 香港中文大學	10/2013
Prof Catherine Tien-lun Sun 孫天倫教授	Hong Kong Shue Yan University 香港樹仁大學	10/2018
Prof Eden Siu-hung Yu 俞肇熊教授	Chu Hai College of Higher Education 珠海學院	10/2016
Mr Rex Wai-yuen Chang, JP (Ex-officio Member) 鄭偉源先生, JP (當然成員)	Education Bureau, HKSAR Government 香港特別行政區教育局	07/2018



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Assessment Panel for Competitive Research Funding Schemes for the Local Self-financing Degree Sector

本地自資學位界別競逐研究資助計劃評審小組

Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Helen Mei-ling Meng (Chairman) 蒙美玲教授(主席)	The Chinese University of Hong Kong 香港中文大學	09/2016
Prof Che-ting Chan (Subject Convenor (Physical Sciences)) 陳子亭教授 (學科召集人(自然科學))	The Hong Kong University of Science and Technology 香港科技大學	02/2016
Prof Patrick Yam-keung Chau (Subject Convenor (Business Studies)) 周蔭強教授 (學科召集人(商學))	The University of Hong Kong 香港大學	05/2014
Prof George Guo-quan Huang (Subject Convenor (Engineering)) 黃國全教授 (學科召集人(工程學))	The University of Hong Kong 香港大學	03/2016
Prof Kenneth Kuen-fung Sin (Subject Convenor (Humanities and Social Sciences)) 冼權鋒教授 (學科召集人(人文學及社會科學))	The Education University of Hong Kong 香港教育大學	10/2017
Prof Mingjie Zhang (Subject Convenor (Biology and Medicine)) 張明傑教授 (學科召集人(生物學及醫學))	The Hong Kong University of Science and Technology 香港科技大學	03/2017
Prof Kalok Chan 陳家樂教授	The Chinese University of Hong Kong 香港中文大學	03/2018
Prof Allan Kit-kwong Chan 陳潔光教授	The Open University of Hong Kong 香港公開大學	03/2018

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Ngai-hang Chan 陳毅恆教授	The Chinese University of Hong Kong 香港中文大學	03/2018
Prof Felix Tung-sun Chan 陳東燊教授	The Hong Kong Polytechnic University 香港理工大學	03/2017
Prof Honglin Chen 陳鴻霖教授	The University of Hong Kong 香港大學	03/2015
Prof Agnes Cheng-shing Cheng 鄭振興教授	The Hong Kong Polytechnic University 香港理工大學	05/2014
Prof Cecilia Cheng 鄭思雅教授	The University of Hong Kong 香港大學	03/2015
Prof Christy Mei-kwan Cheung 張美君教授	Hong Kong Baptist University 香港浸會大學	03/2019
Prof Tin-tai Chow 周天泰教授	City University of Hong Kong 香港城市大學	03/2019
Prof Stephen Yiu-wai Chu 朱耀偉教授	The University of Hong Kong 香港大學	03/2017
Prof Cecilia Ka-wai Chun 秦家慧教授	The Chinese University of Hong Kong 香港中文大學	03/2018
Prof Joanne Wai-yee Chung 鍾慧儀教授	The Education University of Hong Kong 香港教育大學	03/2015
Prof David Faure 科大衛教授	The Chinese University of Hong Kong 香港中文大學	03/2018
Prof Lok-sang Ho, BBS 何灝生教授, BBS	Chu Hai College of Higher Education 珠海學院	03/2017
Prof Liqiang Huang 黃力強教授	The Chinese University of Hong Kong 香港中文大學	03/2015
Prof Paul Chi-kong Kwok 郭始剛教授	The Open University of Hong Kong 香港公開大學	05/2014
Prof Timothy Chi-yui Kwok 郭志銳教授	The Chinese University of Hong Kong 香港中文大學	03/2017
Prof Joseph Tak-fai Lau 劉德輝教授	The Chinese University of Hong Kong 香港中文大學	03/2017



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Julie Juan Li 李娟教授	City University of Hong Kong 香港城市大學	03/2015
Prof Thomas Wai-hung Lo 勞偉雄教授	The Hong Kong Polytechnic University 香港理工大學	03/2015
Prof Qin Lu, MH 陸勤教授, MH	The Hong Kong Polytechnic University 香港理工大學	03/2015
Prof Wilson Wei-sheng Lu 呂偉生教授	The University of Hong Kong 香港大學	03/2018
Prof Joshua Ka-ho Mok 莫家豪教授	Lingnan University 嶺南大學	05/2014
Prof King-fai Tam 譚景輝教授	The Chinese University of Hong Kong 香港中文大學	03/2017
Prof Chiu-kay Tang 鄧昭祺教授	Chu Hai College of Higher Education 珠海學院	03/2016
Prof Man-lai Tang 鄧文禮教授	The Hang Seng University of Hong Kong 香港恒生大學	04/2016
Prof Ellick Kin-fai Wong 黃健輝教授	The Hong Kong University of Science and Technology 香港科技大學	03/2015
Prof Jiang Xu 徐江教授	The Chinese University of Hong Kong 香港中文大學	03/2015
Prof Zhong-ping Yao 姚鍾平教授	The Hong Kong Polytechnic University 香港理工大學	03/2019
Prof Kin-man Yu 余健文教授	City University of Hong Kong 香港城市大學	03/2018
Prof Wayne Weifeng Yu 俞偉峰教授	City University of Hong Kong 香港城市大學	03/2019

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Hong Kong PhD Fellowship Scheme Selection Panels

香港博士研究生獎學金計劃遴選小組

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Humanities, Social Science and Business Studies 人文學、社會科學及商科		
Prof Alister Cumming (Chairman) (主席)	University of Toronto 多倫多大學	12/2017
Prof Naren Barfield	Royal College of Art 皇家藝術學院	12/2017
Prof Jeremy Brown	Simon Fraser University 西門菲莎大學	12/2017
Prof Roman David	Lingnan University 嶺南大學	12/2017
Prof Frank Dikotter	The University of Hong Kong 香港大學	12/2017
Prof Nick Ellison	University of York 約克大學	12/2017
Prof Helene H L Fung	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof Nicholas G Hall	The Ohio State University 俄亥俄州立大學	12/2017
Prof Nina Jorgensen	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof Arthur Kramer	University of Illinois at Urbana-Champaign 伊利諾伊大學厄巴納—香檳分校	12/2017
Prof Mei-po Kwan	University of Illinois at Urbana-Champaign 伊利諾伊大學厄巴納—香檳分校	12/2017
Prof Wai-yee Li 李惠儀教授	Harvard University 哈佛大學	12/2017
Prof Hon-kwong Lui 呂漢光教授	Lingnan University 嶺南大學	12/2017
Prof Tejaswini Niranjana	Lingnan University 嶺南大學	12/2017

Appendix C: Committee/Panel Membership 2018/19
 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Grace Pownall	Emory University 埃默里大學	12/2017
Prof Nirmala Rao	The University of Hong Kong 香港大學	12/2017
Prof Linda Siegel	The University of British Columbia 英屬哥倫比亞大學	12/2017
Prof Maureen Taylor	The University of Tennessee 田納西大學	12/2017
Prof Richard Mark Walker 華樂勤教授	City University of Hong Kong 香港城市大學	12/2017
Prof John Wei	The Hong Kong Polytechnic University 香港理工大學	12/2017
Prof Xingzghong Yu	Cornell Law School 康乃爾法學院	12/2017



Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Science, Medicine, Engineering and Technology 科學、醫學、工程及科技		
Prof Richard Strugnell (Chairman) (主席)	The University of Melbourne 墨爾本大學	12/2017
Prof Iris Benzie	The Hong Kong Polytechnic University 香港理工大學	12/2017
Prof Siu-Wing Cheng 鄭紹榮教授	The Hong Kong University of Science and Technology 香港科技大學	12/2017
Prof Manish Chhowalla	Rutgers University 羅格斯大學	12/2017
Prof Matthis Ebert	Heidelberg University 海德堡大學	12/2017
Prof Brian Ford-Lloyd	University of Birmingham 伯明翰大學	12/2017
Prof Robin L Garrell	University of California, Los Angeles 加州大學洛杉磯分校	12/2017
Prof Makarand Hastak	Purdue University 普渡大學	12/2017
Prof Pheng-ann Heng 王平安教授	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof Jie Huang 黃捷教授	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof Judy Jionghua Jin	University of Michigan 密西根大學	12/2017
Prof Tak-wu Kwong 鄺得互教授	City University of Hong Kong 香港城市大學	12/2017
Prof Baochun Li 李葆春教授	University of Toronto 多倫多大學	12/2017
Prof Angela Yu-chen Lin 林郁真教授	National Taiwan University 國立臺灣大學	12/2017

Appendix C: Committee/Panel Membership 2018/19
附錄 C：委員會／學科小組 2018/19 年度成員名單

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Chris Manzie	The University of Melbourne 墨爾本大學	12/2017
Prof Bradley Nelson	Swiss Federal Institute of Technology (ETH), Zurich 蘇黎世聯邦理工學院	12/2017
Prof Kwok-po Ng 吳國寶教授	Hong Kong Baptist University 香港浸會大學	12/2017
Prof Irene Oi-lin Ng 吳呂愛蓮教授	The University of Hong Kong 香港大學	12/2017
Prof Gloria Platero	Material Science Institute of Madrid, Spanish Research Council 西班牙國家研究委員會	12/2017
Prof Laura Poole-Warren	University of New South Wales 新南威爾斯大學	12/2017
Prof Michael G Somekh	The Hong Kong Polytechnic University 香港理工大學	12/2017
Prof Michel A Van Hove	Hong Kong Baptist University 香港浸會大學	12/2017
Prof Huating Wang 王華婷教授	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof Vivian Wing-Wah Yam 任詠華教授	The University of Hong Kong 香港大學	12/2017
Prof Yuanyuan Yang	Stony Brook University 石溪大學	12/2017
Prof Wing-ho Yung 容永豪教授	The Chinese University of Hong Kong 香港中文大學	12/2017
Prof Ruiqin Zhang 周瑞勤教授	City University of Hong Kong 香港城市大學	12/2017
Prof Yuan F Zheng	The Ohio State University 俄亥俄州立大學	12/2017
Prof Jun Zou 鄒軍教授	The Chinese University of Hong Kong 香港中文大學	12/2017

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Disciplinary Committee (Investigation)

紀律委員會(調查)

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Guoping Feng (Chairman) 馮國平教授 (主席)	Massachusetts Institute of Technology 麻省理工學院	2/2015
Prof Anita S. Mak 麥呂瑞華教授	University of Canberra 坎培拉大學	8/2017
Prof Raghavendra Rau	University of Cambridge 劍橋大學	8/2017
Prof Jay Siegel	Tianjin University 天津大學	2/2015

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Disciplinary Committee (Penalty)

紀律委員會(罰則)

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Paul K L Yu (Chairman) 余劫離教授 (主席)	University of California, San Diego 加州大學聖地牙哥分校	8/2017
Prof Peter Frederic Cane	University of Cambridge 劍橋大學	7/2016
Prof S. Tamer Cavusgil	Georgia State University 喬治亞州立大學	7/2016
Prof Geoffrey L Smith	University of Cambridge 劍橋大學	7/2016

Appendix C: Committee/Panel Membership 2018/19 附錄 C：委員會／學科小組 2018/19 年度成員名單

Disciplinary Committee (Appeal)

紀律委員會(上訴)

Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Alan B Rickinson (Chairman) (主席)	The University of Birmingham 伯明罕大學	8/2016
Prof Paul Clark	The University of Auckland 奧克蘭大學	8/2016
Prof Michael P Doyle	The University of Texas at San Antonio 德克薩斯大學聖安東尼奧分校	8/2016
Professor Phillip Phan Hin-choi 潘慶財教授	The Johns Hopkins University 約翰霍普金斯大學	9/2018
Prof Andrew J Szeri	The University of British Columbia 英屬哥倫比亞大學	8/2016



Research Grants Council of Hong Kong

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