

# 香港研究資助局

Research Grants Council  
of Hong Kong



**2019/20**  
ANNUAL REPORT





## Research Grants Council Members 2019/20 研究資助局 2019/20 年度成員



### Left to Right Rear:

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Prof Joshua Ka-ho Mok,  
Mr David Leung (former Secretary, RGC),  
Dr Kim Kin-wah Mak, BBS, JP, Prof Kellee S Tsai,  
Prof Jian Lu, Prof Rick Wai-ki Wong,  
Prof Michael P Doyle,  
Prof Anita S Mak, Prof Paul Clark  
Ms Cordelia Chung, Dr Franklin Fuk-kay Tong,  
Prof Tai-lok Lui, JP, Prof Billy Kee-long So,  
Prof Joseph Hun-wei Lee,  
Mr Henry Kwong-han Leung,  
Prof On-ching Yue, Prof Irene Oi-lin Ng,  
Prof Jay Siegel

### Left to Right Front:

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

Absent: Prof Geoffrey L Smith, Prof Rosalie L Tung

### 後排由左至右：

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呂堅教授，黃偉國教授，  
邁克爾·多伊教授，  
麥呂瑞華教授，Paul Clark教授，  
鍾郝儀女士，湯復基博士，  
呂大樂教授，JP，蘇基朗教授，  
李行偉教授，梁廣恒先生，  
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缺席：Geoffrey L Smith教授，  
董林雪英教授

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30 June 2021

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

Dear Carlson,

**Research Grants Council  
Report for 2019/20**

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-ninth 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,



Professor Yuk-shan Wong  
Chairman  
Research Grants Council

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唐家成先生, GBS, JP

唐主席：

### 研究資助局二零一九至二零年度報告

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，載述本局的第二十九年運作情況。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。



研究資助局主席黃玉山教授

二零二一年六月三十日

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## Foreword from the Chairman 主席序言

This past year 2019/20 has been another robust and productive one for the Research Grants Council (RGC). The RGC has been following up closely on the recommendations made by the Task Force on Review of Research Policy and Funding (TFRPF). With the Legislative Council's support and funding approval, the RGC has made marked progress in taking forward the initiatives as committed by the Government in the 2018 Policy Address. The HK\$20-billion injection to the Research Endowment Fund (REF) has already been well in place to generate investment income for enhancement of disbursement budgets for research; and the HK\$3-billion Research Matching Grant Scheme as well as the three new regular RGC research fellowship schemes have been successfully launched as planned. It is most encouraging to note that the newly introduced initiatives for the benefits of the research community have been well received. 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 2019/20 academic year

#### General Research Fund

Over 50% 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 2,975 applications from a wide range of disciplines, we funded a total of HK\$654 million for 1,005 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 2019/20 academic year, out of 400 applications, 166 projects were funded at a total amount of HK\$95 million, with seven of them rated "Outstanding". The applicants of these projects were each granted an honorary title of "The Early Career Award 2019/20".

對研究資助局(研資局)來說，過去的2019/20年度繼續是有活力的，同時亦是豐盛的一年。研資局已密切跟進檢討研究政策及資助專責小組的建議。得到立法會的支持及批准撥款，研資局在推展政府於2018年施政報告中承諾的舉措方面，取得良好進展。向研究基金注資的200億港元已順利到位，所得的投資收益可增大研究撥款預算；研資局亦已成功如期推行30億港元的研究配對補助金計劃，及三項恒常的研資局傑出學者計劃。多項造福研究界的新設舉措均廣受歡迎，研資局亦因而感到鼓舞。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2019/20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50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2,975份不同學科的申請，其中1,005個研究項目獲得資助，撥款合共6.54億港元。

#### 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2019/20學年，研資局共接獲400個申請，其中166個研究項目獲得資助，總額為9,508萬港元，當中七個項目更獲評核為「卓越」級別。這些申請人每人可獲得「2019/20年度傑出青年學者獎」殊榮。

## 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 2019/20 exercise, out of 212 applications, 24 research projects were funded at a total amount of HK\$121 million. The CRF Committee has for the first time allocated one-year seed money and exploratory funding to three proposals, amounting to HK\$7 million in total, with a view to helping the project teams to further develop their proposals and seek full-scale funding in future.

The CRF Project Briefing Session was held in December 2019 to monitor the progress of 14 funded projects. The project teams received valuable feedbacks from the CRF Committee Members.

## Joint Research Schemes

Joint Research Schemes are established in collaboration with research bodies in the Mainland and overseas and are meant to promote and further encourage research co-operation and exchanges. These joint schemes provide funding for supporting research projects, travels, conferences/workshops or fellowships. In the 2019/20 academic year, the RGC ran six Joint Research Schemes with partner agencies in other regions.

## 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. Nine prestigious investigators were awarded in the 2019/20 academic year and HK\$4.51 million in total was allocated.

## 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2019/20年度，研資局接獲212個申請，其中24個研究項目獲得資助，總額為1.21億港元。協作研究金委員會首次批出為期一年的種子及探索撥款予三份申請，合共700萬港元，讓有關研究小組發展其研究方案，以期於未來再申請研究撥款。

協作研究金資助項目簡報會已於2019年12月舉行。在是次簡報會中，14個於2017/18學年獲資助的研究項目向協作研究金委員匯報項目的進度。

## 合作研究計劃

研資局分別與內地及其他不同地區合辦合作研究計劃，旨在推廣及鼓勵合作研究及交流。這些合作研究計劃為研究計劃、旅費、會議補助金及研究獎助金提供資助。於2019/20學年，研資局分別與不同地區合辦六個合作研究計劃。

## 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2019/20學年，九名傑出學者獲得資助，總額為451萬港元。



## Foreword from the Chairman 主席序言



## 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.

The ninth round exercise was held in the 2019/20 academic year. A total of 47 preliminary proposals were received. After the preliminary selection and a vigorous peer-review process, the RGC allocated HK\$200 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).

Starting from the 2019/20 (Sixth Round) exercise, the IDS was branched out into two grants, namely the “Research Infrastructure Grant” and the “Collaborative Research Grant”. The original mode of operation of the IDS continued in the form of Research Infrastructure Grant. The Collaborative Research Grant was modelled on the Collaborative Research Fund in the UGC sector to encourage and support collaborative and / or cross disciplinary research.

The RGC received 273 applications in the Sixth Round exercise and funded a total of HK\$74.15 million for 75 research projects. The results of the Sixth Round exercise were announced in September 2019. Following the completion of the Sixth Round exercise, the Seventh Round exercise started in November 2019. A total of 15 local self-financing degree-awarding institutions were eligible for the three funding schemes. The results of the Seventh Round exercise will be announced in September 2020.

## 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。

第輪計劃於2019/20學年舉行。研資局共收到47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2億港元，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。

從2019/20(第六輪)計劃起，院校發展計劃分為兩個撥款，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透過研究基礎設施撥款繼續運作。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。

研資局在第六輪計劃共收到273份申請，其中75個研究項目獲得資助，撥款合共7,415萬港元。申請撥款結果已於2019年9月公布。隨著第六輪計劃的結束，第七輪計劃在2019年11月展開，共有十五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。第七輪計劃的申請結果將於2020年9月公布。

## 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 Ninth Round exercise was launched in November 2019/20. A total of 20 eligible preliminary proposals were received, seeking grants of HK\$1.5 billion. Results of the exercise will be announced in late December 2020.

## 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 2019/20 exercise, out of 182 applications, 11 research projects were funded at a total amount of HK\$72.7 million.

## Hong Kong PhD Fellowship Scheme

The Hong Kong PhD Fellowship Scheme (HKPFS) continues to enhance internationalisation of our higher education sector. In the first ten rounds of exercise, about 2,000 candidates from more than 80 countries/regions were selected to pursue their PhD studies in Hong Kong.

The monthly stipend and annual conference and research-related travel allowance for the 2019/20 academic year are HK\$25,800 and HK\$12,900 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 will be increased from 250 to 300 for the Twelfth Round (for 2021/22 intake) and subsequent exercises.

## 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 2019/20 academic year, over 1,600 students benefited from the scheme and the total tuition waived was about HK\$64 million.

## 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。第九輪計劃已於2019/20學年11月展開。研資局共收到20份合資格初步建議書，申請金額約15億港元。第九輪計劃的結果將於2020年12月底公布。

## 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2019/20年度，研資局收到182個申請，當中11個研究項目獲得資助，總額為7,270萬港元。

## 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。在首十屆計劃中，有大概2,000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。

2019/20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2.58萬和1.29萬港元。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，第十二屆(於2021/22學年取錄)及之後屆別獎學金計劃的得獎名額將由250個增加至300個。

## 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。在2019/20學年，超過1,600名學生受惠，豁免的學費總額約6,400萬港元。



## Foreword from the Chairman 主席序言



### Research Matching Grant Scheme

Launched on 1 August 2019 for a period of three years with HK\$3-billion funding, the Research Matching Grant Scheme aims to allow the sector to diversify research funding sources and incentivise more contribution and collaboration from the private sector. After the third processing cycle, matching grant at a total amount of HK\$768 million has been disbursed to 18 participating universities/ institutions, with a total of seven universities reaching the matching floor of HK\$50 million.

### RGC Postdoctoral Fellowship Scheme

Introduced in the 2019/20 academic year, the RGC Postdoctoral Fellowship Scheme (PDFS) aims to encourage doctoral graduates in pursuing career in research and provide promising researchers with support at a pivotal time in their very early career. The 50 awardees in the debut exercise have been notified of their attainment of the award in April 2020. They will be provided with support of annual stipends to cover their basic salary as postdoctoral fellow at a UGC-funded university as well as conference and research-related travel allowance throughout the 36-month fellowship period. The first annual stipend is at HK\$396,600. Subject to the relevant terms and conditions, the annual stipend for the subsequent years will be adjusted according to the Composite Consumer Price Index announced by Hong Kong Special Administrative Region Government.

### RGC Research Fellow Scheme / RGC Senior Research Fellow Scheme

Introduced in the 2019/20 academic year, the RGC Research Fellow Scheme (RFS) and RGC Senior Research Fellow Scheme (SRFS) aim at providing sustained support and relief from teaching and administrative duties for exceptionally outstanding academics at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development. As endorsed by the RGC in June 2020, there are 10 RFS and 10 SRFS awardees in the debut exercise. They will be supported with a fellowship grant covering a period of 60 months at around HK\$5.2 million (for RFS) and HK\$7.8 million (for SRFS) respectively. The total allocation of the two schemes in the debut exercise amounts to around HK\$130 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 2019/20 academic year, the RGC jointly held three RGC Public Lectures on “FinTech”, “Challenge of Population Ageing: Dementia” and “Themed-based Research Scheme” with the Hong Kong Science Museum and the Hong Kong Central Library respectively. There was active participation from the community.

### 研究配對補助金計劃

30億港元的研究配對補助金計劃於2019年8月1日正推行，為期三年。計劃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。第三個申請期結束後，我們已發放共7.68億港元配對補助金予18所參與大學/ 院校，並且已有七間大學獲取超過5,000萬元「最低款額」的配對補助金。

### 研資局博士後獎學金計劃

研資局博士後獎學金計劃於2019/20學年推行，旨在鼓勵博士畢業生投身研究工作，以及為具潛質的研究人員在事業里程早期提供支援。首屆50名獲獎者已於2020年4月接獲得獎通知。在36個月的計劃期內，每名得獎者每年可獲發放津貼以資助其博士後研究員基本薪金與會議及研究活動交通費用。首年津貼額為396,600港元，其後兩年的津貼額將根據相關條款，按香港特別行政區政府每年公布的綜合消費物價指數作出年度調整。

### 研資局研究學者計劃／ 研資局高級研究學者計劃

研資局研究學者計劃及研資局高級研究學者計劃於2019/20學年推行，旨在為教資會資助大學裏卓越非凡的副教授級和教授級學者，提供教學及行政職務方面的持續支援，令他們可以專注於研究及發展工作。研資局於2020年6月通過得獎名單，兩項計劃首屆各有十名獲獎者，每名獲發放為期60個月的津貼，金額分別約為520萬港元(研資局研究學者計劃)及780萬港元(研資局高級研究學者計劃)。兩項計劃首屆資助總額約為1.3億港元。

### 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2019/20學年分別與香港科學館及香港中央圖書館合辦共三場公眾講座，以「金融科技」、「人口老化的挑戰：認知障礙症」、「主題研究計劃」為題，市民反應熱烈。

## 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.

The RGC held a symposium on 15 July 2019 at the Hong Kong Polytechnic University to exchange views with frontline researchers on the Review of the RGC (Phase II). The final report of the review was released in October 2019. A total of 13 recommendations were made, 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 RGC formulated an implementation plan on the review recommendations in December 2019.



*Professor Benjamin W Wah, the then Chairman of the RGC, spoke at the Symposium on the Review of the RGC (Phase II) on 15 July 2019.*

時任研資局主席華雲生教授於2019年7月15日研資局檢討第二階段研討會上致辭。

As one of the major recommendations of the Review of the RGC (Phase II), the RGC has engaged an external consultant to conduct a review of its documents and external reviewer (ER) database. The review commenced in May 2020 and would cover the full range of forms and documents of RGC funding schemes with a view to improving consistency, operational effectiveness and transparency. A review of the ER database would also be carried out. Consultation with stakeholders, including universities, RGC and its committees/ panels, would take place from late June to September 2020. The review is expected to be completed by the end of 2020.

## 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。

研資局於2019年7月15日假香港理工大學舉行研討會，與前線研究人員就研資局第二階段檢討進行交流。研資局於2019年10月發表檢討的最終報告。報告提出共13項建議，涵蓋資助計劃的宗旨和目標、評審過程、首席研究員投放的時間、表格和文件、溝通和參與、開放取用政策、利益衝突，以及不當學術行為。研資局於2019年12月制訂計劃落實建議。

研資局委聘獨立顧問檢討其文件和外部評審員資料庫，以跟進研資局第二階段檢討的其中一個主要建議。該檢討於2020年5月展開，並會全面檢討研資局資助計劃的表格和文件，目標為改善文件的一致性、運作效率及透明度。檢討亦包括外部評審員資料庫。諮詢持份者的工作將於2020年6月底至9月進行，持份者包括大學、研資局及其委員會和學科小組。檢討預計於2020年年底前完成。



## Foreword from the Chairman 主席序言

Following up the recommendation of the RGC Review (Phase II), the UGC Secretariat is enhancing the design and content of the RGC website to build a transparent and consistent information channel to the research community and the public. The revamped RGC website, with a fresh look, restructured organization and new contents, will be launched progressively from August 2020.

Following the establishment of the Collaborative Research Review Working Group (CRWG) in June 2019 to review three RGC's collaborative research funding schemes, namely the Collaborative Research Fund, the Theme-based Research Scheme, and the Areas of Excellence Scheme, the CRWG held its third meeting on 23 March 2020 to firm up its interim recommendations for the review. Consultation will be conducted in July 2020 to collect views from the UGC-funded universities on the interim recommendations proposed by the CRWG. It is expected that the review will be concluded in 2020.

With the objective of strengthening coordination among government research funding agencies, the Liaison Group on Research (the Liaison Group), an interdepartmental platform, was set up in May 2019 as a follow-up to the recommendation of the TFRPF. Composed of representatives from the Education Bureau, the Environmental Protection Department, the Food and Health Bureau, the Innovation and Technology Commission, the Policy Innovation and Co-ordination Office, as well as the UGC Secretariat, the Liaison Group meets twice a year and as required to discuss issues of common interests regarding research policy and funding as well as any forms of collaboration among the research funding agencies, for the benefit of the research sector.

Pursuant to the endorsement of the Liaison Group, the UGC Secretariat is working on three coordination initiatives, namely devising a technical solution to crack down duplicate applications, harmonising the open-access policies among the funding agencies, and establishing a public information portal on the Government's research policy and funding support.

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 2019/20.

根據研資局檢討(第二階段)的建議，教資會秘書處現正優化研資局網站的設計和內容，為研究業界及公眾建立一個具高透明度及一致性的資訊渠道。從2020年8月開始，研資局網站將逐步更新，以嶄新的面貌、經改良的網站架構和增添的內容，向公眾展示。

為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」，研資局於2019年6月成立協作研究檢討小組(檢討小組)。檢討小組已於2020年3月23日舉行的第三次會議確立其中期建議。研資局將於2020年7月進行諮詢，就檢討小組提出之中期建議收集各教資會資助大學的意見。檢討工作預期於2020年完成。

為加強政府研究資助機構之間的協調，政府根據專責小組的建議，於2019年5月成立研究聯絡小組(聯絡小組)。作為一個跨部門平台，聯絡小組由教育局、環境保護署、食物及衛生局、創新科技署、政策創新及統籌辦事處以及教資會秘書處的代表組成，並每年召開兩次或按需要而舉行會議，在增進研究業界得益的前提下，於研究政策和資助的範疇內，討論各研究資助機構共同關心的議題，以及探討各種合作可能性。

在聯絡小組的支持下，教資會秘書處現正籌備推行三項協調措施，即以技術方案打擊重複資助申請、協調各資助機構的開放資料政策，以及建立網站以闡述政府有關研究的政策和資助。

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2019/20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<sup>Note</sup> 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<sup>註</sup>，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2019/20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。*



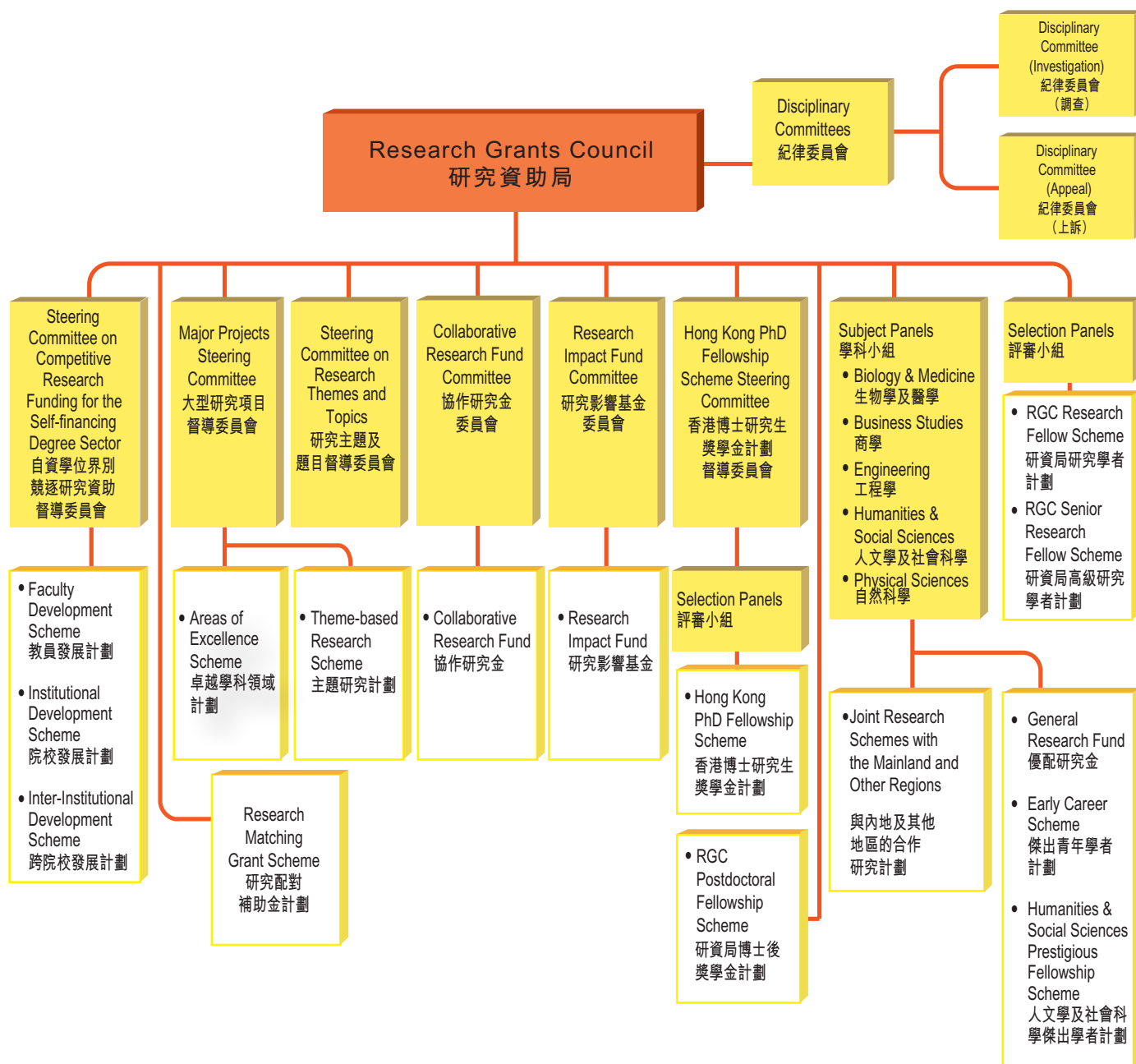
# The Research Grants Council and its Organisation

## 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



## RGC Research Funding Schemes 研資局研究資助計劃

Individual Research 個人研究	Collaborative Research 協作研究	Fellowship 獎學金
<ul style="list-style-type: none"> <li>General Research Fund 優配研究金</li> <li>Early Career Scheme 傑出青年學者計劃</li> </ul>	<ul style="list-style-type: none"> <li>Collaborative Research Fund 協作研究金</li> <li>Areas of Excellence Scheme 卓越學科領域計劃</li> <li>Research Impact Fund 研究影響基金</li> <li>Theme-based Research Scheme 主題研究計劃</li> </ul>	<ul style="list-style-type: none"> <li>Humanities &amp; Social Science Prestigious Fellowship Scheme 人文學及社會科學傑出學者計劃</li> <li>Hong Kong PhD Fellowship Scheme 香港博士研究生獎學金計劃</li> <li>RGC Postdoctoral Fellowship Scheme 研資局博士後獎學金計劃</li> <li>RGC Research Fellow Scheme 研資局研究學者計劃</li> <li>RGC Senior Research Fellow Scheme 研資局高級研究學者計劃</li> </ul>
Joint Research 合作研究		Schemes for Local Self-financing Degree Sector 本地自資學位界別競逐研究資助
<ul style="list-style-type: none"> <li>National Natural Science Foundation of China (NSFC) / RGC Joint Research Scheme (JRS) 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</li> <li>The French National Research Agency / RGC Joint Research Scheme 法國國家科研署與研資局合作研究計劃</li> <li>European Union (EU)-Hong Kong Research and Innovation Co-funding Mechanism by RGC 歐洲聯盟(歐盟)與香港研究資助局研究及創新合作計劃</li> <li>Germany / Hong Kong Joint Research Scheme 德國與香港合作研究計劃</li> <li>PROCORE — France / Hong Kong Joint Research Scheme 法國與香港合作研究計劃</li> </ul>		<ul style="list-style-type: none"> <li>Faculty Development Scheme 教員發展計劃</li> <li>Inter-Institutional Development Scheme 跨院校發展計劃</li> <li>Institutional Development Scheme 院校發展計劃</li> </ul>
		Others 其他
		<ul style="list-style-type: none"> <li>Research Matching Grant Scheme 研究配對補助金計劃</li> </ul>



## 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, the Theme-based Research Scheme and the RGC Research Fellow Scheme/ RGC Senior Research Fellow 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、主題研究計劃及研資局研究學者計劃/研資局高級研究學者計劃的撥款建議，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。



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

### 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.

### Selection Panels

For assessment of nominations and selection of awardees under the RGC Research Fellow Scheme/ RGC Senior Research Fellow Scheme, two selection panels are formed to serve the two broad academic streams separately;

- Humanities, Social Sciences and Business Studies
- Science, Technology, Engineering and Mathematics

The two selection panels are formed by non-local members only to ensure impartiality and minimize conflicts of interest during the selection process.

The two selection panels formed under the Hong Kong PhD Fellowship Scheme are enlisted for assessment of nominations and selection of awardees under the RGC Postdoctoral Fellowship Scheme;

- Humanities, Social Sciences and Business Studies (H-Panel)
- Science, Technology, Engineering and Mathematics (S-Panel)

The two panels consist of academics both local and non-local.

### 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旨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。

### 評審小組

研資局研究學者計劃／研資局高級研究學者計劃的評核及遴選由兩大學科評審小組分別負責：

- 人文學、社會科學及商科
- 科學、科技、工程及數學

兩個評審小組只由非本地學者組成，以保持中立，並將遴選過程中出現利益衝突的機會減至最小。

香港博士研究生獎學金計劃下的兩個評審小組，同時為研資局博士後獎學金計劃作評核及遴選：

- 人文學、社會科學及商科(H小組)
- 科學、醫學、工程及科技(S小組)

兩個評審小組的成員包括本地學者及非本地學者。

## 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 two Disciplinary Committees (DCs), namely DC (Investigation) and DC (Appeal), to handle cases of alleged research misconduct and appeal cases.

The DC (Investigation) gives advice to the RGC on policies and procedures regarding the handling and investigation of alleged misconduct cases, recommends to the RGC on whether the allegations against the investigators should be substantiated and if substantiated, the level of penalty to be imposed on the investigators. 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 2019/20 are in Appendix C.

## 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，研資局成立了兩個紀律委員會，分別為紀律委員會（調查）和紀律委員會（上訴），以處理涉嫌不當研究行為和上訴的個案。

紀律委員會（調查）就處理涉及不當研究行為的政策及調查程序向研資局提供意見，並就個案的指控是否成立，以及指控成立的個案的刑罰水平向研資局作出建議。紀律委員會（上訴）就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。

2019/20年度各研資局委員會／學科小組的成員名單詳列於附錄C。



## Funding Sources 資金來源



### Research Endowment Fund

Following the approval by the Finance Committee (FC) of the Legislative Council (LegCo) in June 2019, the fences of the different pots of the Research Endowment Fund (REF) have been lifted for more flexible and effective deployment of resources. A HK\$20-billion injection has been officially placed with the Hong Kong Monetary Authority (HKMA) in September 2019, increasing the size of REF to HK\$46 billion. As announced in the Budget speech 2020-21, the rate of investment return for the placement with HKMA is 3.7%. Accordingly, the HK\$20-billion injection will generate an additional annual investment income of around HK\$740 million as research funding for disbursement this year. The investment income generated from the injection will be used for (i) sustaining the level of research funding; (ii) providing funding for the Research Impact Fund (RIF) 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. Prior to receiving the annual return from the additional placement with the HKMA, the RGC has approved to use existing resources to increase the research budget in the 2020/21 exercise in order to meet the sector's expectation and to provide more support to young researchers.

### 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 2019/20 academic year, the RGC allocated about HK\$941 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

隨着立法會財務委員會(財委會)於2019年6月通過建議,研究基金內不同款項的運用限制已獲撤除,讓我們能更有彈性及成效地調配資源。200億港元的注資已於2019年9月正式由香港金融管理局(金管局)作投資安排,令研究基金增加至460億港元。如2020-21財政預算案公佈,金管局管理的投資回報率為3.7%,新注資今年將可帶來約7.4億港元的額外投資收入,增加研究撥款,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。在獲取新注資帶來的額外投資收入前,研資局已通過運用現有資源,先行上調2020/21年度的研究撥款預算,以回應高等教育界的期望,並為年青研究人員提供更多支援。

### 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2019/20學年,經研資局所分配的研究用途補助金總額約為9.41億港元。

### 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\$100 million per annum continued to come from the UGC.

### Research Impact Fund

RIF 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\$75 million as budget of the 2019/20 exercise. 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.

## 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1億港元。

### 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7,500萬港元，作為研究影響基金2019/20年度的預算。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。



## Funding Sources 資金來源

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 2019/20 academic year are HK\$25,800 and HK\$12,900 respectively. Thereafter, such amount will be adjusted annually before the start of academic year.

### Research Matching Grant Scheme

With the funding approval of HK\$3-billion by the LegCo's FC in June 2019, the Research Matching Grant Scheme (RMGS) has been opened for applications with effect from 1 August 2019 for a period of three years. The RMGS aims to allow the sector to diversify research funding sources and incentivise more contribution and collaboration from the private sector. Over the three-year operation period, donations/funding from non-government/non-public sectors secured by an individual university/institution for research-related purposes are eligible for matching. Applications from eight UGC-funded universities and 13 local self-financing degree-awarding institutions are processed in cycles on a quarterly basis (except the first processing cycle from 1 August to 30 September 2019, and the last cycle from 1 April to 31 July 2022).

### RGC Postdoctoral Fellowship Scheme

Introduced in the 2019/20 academic year, the RGC Postdoctoral Fellowship Scheme (PDFS) aims to encourage doctoral graduates in pursuing career in research and provide promising researchers with support at a pivotal in their very early career, so as to ensure a supply of talent with scientific and research skills for research and development in Hong Kong. Subject to the availability of suitable candidates under the principle of merit-based selection, half of the award quotas for PDFS are reserved for local candidates (i.e. Hong Kong permanent residents).

The PDFS provides support to awardees for a period of 36 months in terms of full-time appointment as a postdoctoral fellow (PdF) at a UGC-funded university in each round of the yearly exercise. For each awardee, the supporting university will receive an annual stipend to cover the awardee's basic salary as well as a conference and research-related travel allowance throughout the 36-month fellowship period.



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2019/20學年，每月津貼及每年交通津貼分別為2.58及1.29萬港元，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

隨着立法會財委會於2019年6月通過撥款30億港元，新設立的研究配對補助金計劃已於2019年8月1日起公開接受申請，為期三年。計劃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。三年期內，大學／院校從非政府／非公營界別籌得用以應付與研究相關開支的私人捐款或資助，均符合資格申請政府配對補助金。8間教資會資助大學及13間本地自資學位頒授院校遞交的申請，會以每個季度作一申請周期(2019年8月1日至9月30日的首個周期，以及2022年4月1日至7月31日的最後一個周期除外)逐期處理。

### 研資局博士後獎學金計劃

研資局博士後獎學金計劃於2019/20學年推行，旨在鼓勵博士畢業生投身研究工作，以及為具潛質的研究人員在事業里程早期提供支援，以培育、挽留及擴大研究人才庫，支持香港推動研發及培養研究文化。在擇優而取的原則之下，我們會因應合適候選人的數目，在計劃的名額當中預留一半予本地候選人(即香港永久性居民)。

研資局博士後獎學金計劃每年資助獲獎者，於教資會資助大學受聘為全職博士後研究員，為期36個月。獎學金在計劃期間，每年為獲獎者提供津貼，資助其基本薪金與會議及研究活動交通津貼。

## RGC Research Fellow Scheme/ RGC Senior Research Fellow Scheme

Introduced in the 2019/20 academic year, the RGC Research Fellow Scheme (RFS) and RGC Senior Research Fellow Scheme (SRFS) aim at providing sustained support and relief from teaching and administrative duties for exceptionally outstanding academics at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development. Subject to the availability of suitable candidates under the principle of merit-based selection, half of the award quotas for each of the two schemes are reserved for local candidates (i.e. Hong Kong permanent residents).

RFS and SRFS, in each round of the annual exercise, provide sustained support to awardees at Associate Professor level/full Professor level respectively, with a fellowship grant covering a fellowship period of 60 months to meet salary costs for relief teachers and related research expenses including staff, equipment, travel, subsistence and dissemination costs.

## 研資局研究學者計劃／ 研資局高級研究學者計劃

研資局研究學者計劃及研資局高級研究學者計劃於2019/20學年推行，旨在為教資會資助大學裏卓越非凡的副教授級和教授級學者，提供教學及行政職務方面的持續支援，令他們可以專注於研究及發展工作。在擇優而取的原則之下，我們會因應合適候選人的數目，在兩項計劃的名額當中各預留一半予本地候選人（即香港永久性居民）。

兩項計劃每年頒發獎項，分別資助副教授級和教授級獲獎者，於60個月資助期間獲發放經費，聘任替假老師及支付研究項目開支，包括聘任研究人員、購置器材設備、公幹旅費、膳宿津貼及發表研究成果的費用等。



# 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 2019/20 academic year, the total funding available for the Earmarked Research Grants was about HK\$941 million.*

*2019/20學年研究用途補助金總額約為9.41億港元。*

### Allocation of the Earmarked Research Grants: 2019/20 Academic Year

### 2019/20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\$660 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.
- 6.6億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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

- HK\$101 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\$121 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\$48 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\$0.8 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.
- 1.01億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。
- 1.21億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。
- 4,800萬港元撥款，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。
- 80萬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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作



### HIGHLIGHTS 提要

*In the 2019/20 academic year, the total General Research Fund allocation was HK\$654 million, supporting 1 005 projects. As at 30 June 2020, the number of on-going projects is 4 057.*

在2019/20學年，優配研究金撥款總額達6.54億港元，資助研究項目達1 005個。截至2020年6月30日，4 057個資助研究項目仍在進行中。

### General Research Fund

Altogether, 2 975 proposals across a wide range of subject disciplines were received under the General Research Fund exercise, seeking grants totaling HK\$2.91 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\$654 million to support 1 005 projects with an average grant of about HK\$0.65 million in the 2019/20 academic year. The overall success rate is 34%.

Allocation of the General Research Fund for the 2019/20 academic year by broad subject category is summarised in Chart 3.1.

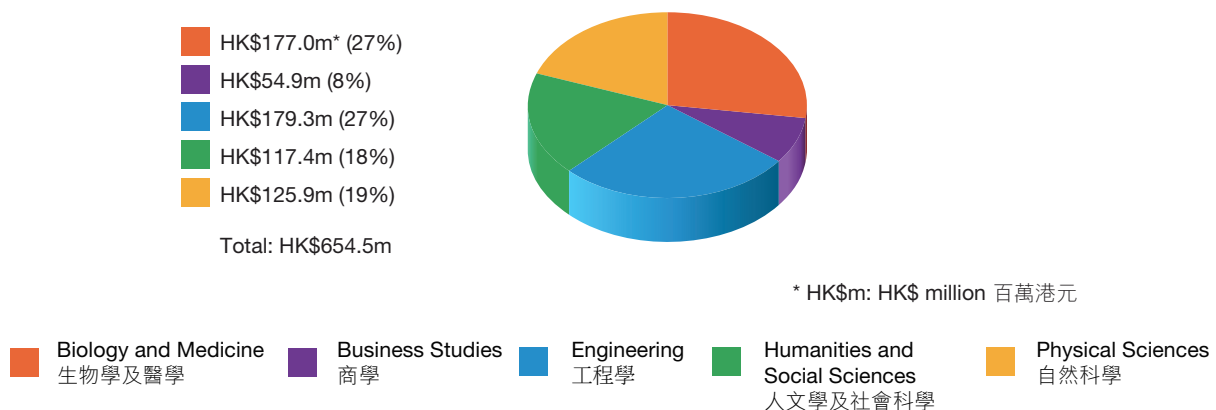
### 優配研究金

是年度向研資局申請優配研究金的研究項目共2 975個，研究範圍廣泛，申請金額達29.1億港元。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2019/20學年撥出6.54億港元予1 005個研究項目，平均每項約獲撥款65萬港元，整體成功率為34%。


表3.1列出2019/20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 2019/20 Academic Year  
表 3.1：2019/20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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

- **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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作



### HIGHLIGHTS 提要

*In the 2019/20 academic year, the total Early Career Scheme allocation approved was HK\$95 million supporting 166 projects. As at 30 June 2020, the number of on-going projects is 591.*

*在2019/20學年，傑出青年學者計劃撥款總額約9,500萬港元，資助研究項目達166個。截至2020年6月30日，591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 400 proposals were received under the Early Career Scheme, seeking grants totaling HK\$325 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\$95 million to support 166 projects with an average grant of about HK\$0.57 million in the 2019/20 academic year. The overall success rate is 42%.

Allocation of the Early Career Scheme for the 2019/20 academic year by broad subject category is summarised in Chart 3.2.

### 傑出青年學者計劃

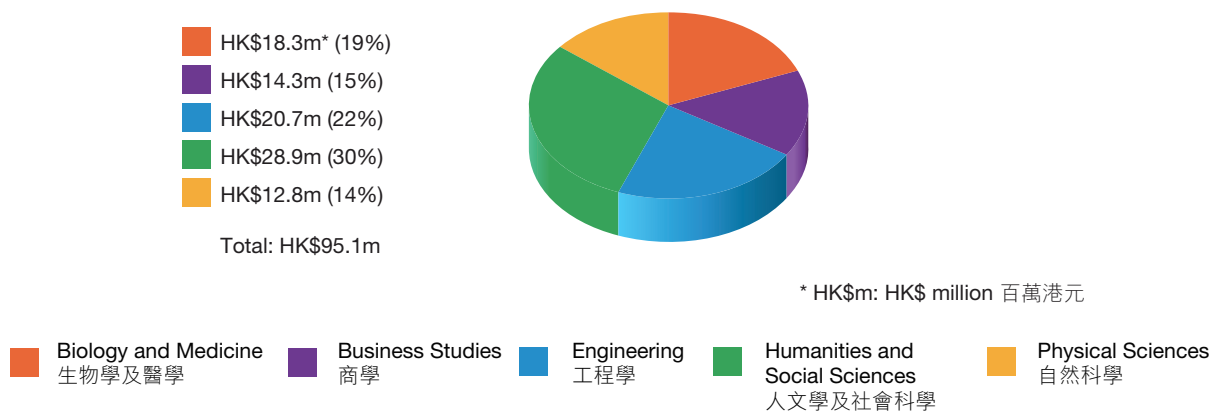
傑出青年學者計劃的目的旨在培育新進的青年學者。

傑出青年學者計劃接獲研究項目申請共400個，申請金額達3.25億港元。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2019/20學年撥出9,500萬港元予166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42%。

表3.2列出2019/20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 2019/20 Academic Year  
表 3.2：2019/20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 2019/20 academic year, the total Collaborative Research Fund allocation was HK\$121 million supporting 24 projects. As at 30 June 2020, the number of on-going projects is 72.*

在2019/20學年，協作研究金撥款總額為1.21億港元，資助研究項目達24個。截至2020年6月30日，72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 2019/20 academic year, the RGC received a total of 212 preliminary proposals, consisting of 20 equipment bids and 192 group research applications, seeking grants totaling HK\$93 million and HK\$1,400 million respectively.

After a peer review process and interviews of selected research teams by the Collaborative Research Fund Committee (CRFC), 24 full proposals were eventually funded at a total amount of HK\$121 million. The CRF Committee has for the first time allocated one-year seed money and exploratory funding to three proposals, amounting to \$7 million in total, with a view to helping the project teams to further develop their proposals and seek full-scale funding in future.

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 CRF Project Briefing Session was held in December 2019. 14 on-going projects funded in the 2017/18 academic year presented their mid-term research progress to the CRF Committee in the Project Briefing Session.

## 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2019/20學年共接獲212份初步建議書，包括20份購置器材的申請及192項資助集體合作研究的申請，申請資助額分別為9,300萬港元及14億港元。

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24項申請，資助總額為1.21億港元。協作研究金委員會首次批出為期一年的種子及探索撥款予三份申請，合共700萬港元，讓有關研究小組發展其研究方案，以期於未來再申請研究撥款。

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。

協作研究金資助項目簡報會已於2019年12月舉行。在是次簡報會中，14個於2017/18學年獲資助的研究項目向協作研究金委員匯報項目的進度。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作



### HIGHLIGHTS 提要

*In the 2019/20 academic year, the total Joint Research Schemes allocation was HK\$42.91 million for the Joint Research Schemes with different regions supporting 63 collaborative projects and exchange fellowships. As at 30 June 2020, the number of on-going projects is 188.*

在2019/20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4,291萬港元，共資助63個研究合作項目及交流計劃。截至2020年6月30日，188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 2019/20 academic year, a total of 209 eligible preliminary research proposals and two applications for conference grants were received, seeking a total of HK\$254 million of RGC grants. After shortlisting, and in consultation with the National Natural Science Foundation of China, 93 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2019/20學年內共收到209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2.54億港元。經研資局與國家自然科學基金委員會的甄選，93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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

- ***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 2019/20 academic year, 29 eligible applications were received, seeking total RGC grants of HK\$78.23 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\$7.70 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 2019/20 academic year. 10 applications were received, seeking about HK\$22.11 million of RGC grants. Two applications were supported with total RGC grants of HK\$5.65 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2019/20年度，研資局共收到29份合資格的申請，申請金額約7,823萬港元。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770萬港元。

- ***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2019/20學年進行了兩輪計劃，合共收到十份申請，申請金額約2,211萬港元，最終兩份申請獲批資助，資助總額為565萬港元。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

### 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 2019/20 academic year, 32 applications covering a wide range of subjects were received, seeking about HK\$2.12 million of RGC grants. Experts from both Hong Kong and Germany jointly selected 16 research proposals for about HK\$1.19 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 2019/20 academic year, a total of 23 applications were received. Among these applications, 21 were travel grant requests and two were conference/workshop grants applications. The total amount of RGC grants sought was about HK\$1.60 million.

Of these, 11 applications including 10 travel grants and one conference/workshop grant were approved, with about HK\$0.74 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2019/20學年，雙方共接獲的申請有32份，涵蓋學科甚為廣泛，申請金額約212萬港元。本港及德國的學者最終共同選出16份申請予以資助，研資局給予的資助金額約119萬港元。

- **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。

2019/20學年，雙方共接獲23份申請，其中21份是旅費補助金申請，其餘兩份是會議／工作坊補助金申請。申請金額約160萬港元。

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74萬港元。

## 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 2019/20 exercise, this Senior Programme attracted four applications. Two local scholars were supported with roughly HK\$0.87 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 2019/20 academic year, 48 applications were received. Five local PhD students were supported with about HK\$0.51 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2019/20學年收到四份申請，以約87萬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2019/20學年收到合共48份申請，當中有五位本地研究生獲研資局資助共約51萬港元。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

### HIGHLIGHTS 提要

*In the 2019/20 academic year, HK\$4.51 million was awarded to support nine prestigious investigators under the Humanities and Social Sciences Prestigious Fellowship Scheme. As at 30 June 2020, the number of on-going projects is 19.*  
在2019/20學年，人文學及社會科學傑出學者計劃撥出451萬港元資助九名傑出學者。截至2020年6月30日，19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\$4.51 million to support nine prestigious investigators with an average fellowship of about HK\$0.50 million in the 2019/20 academic year. The overall success rate is 35%.

## 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2019/20學年撥出451萬港元資助九名傑出學者，平均每名約50萬港元。整體成功率為35%。

## HIGHLIGHTS 提要

*In the 2019/20 academic year, the RGC provided HK\$0.70 million for the Research Postgraduate Students Conference/Seminar Grants supporting 16 conferences/seminars.*

*在2019/20學年，研究生會議／研討會補助金撥款額70萬港元，資助16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 2019/20 academic year, the RGC approved 16 applications with a total funding of HK\$0.70 million.

### 研究生會議／研討會補助金

是項補助金是為支持及促進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2019/20學年，研資局批准了16項申請，資助總額為70萬港元。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作



### HIGHLIGHTS 提要

*In the 2019/20 academic year, the Theme-based Research Scheme allocated HK\$200 million to support five projects. As at 30 June 2020, the number of on-going projects is 29.*

在2019/20學年，主題研究計劃撥款總額達2億港元，資助共五個研究項目。截至2020年6月30日，29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 Ninth Round exercise was held in the 2019/20 academic year. A total of 47 preliminary proposals were received, seeking RGC grants of HK\$2.3 billion. After preliminary selection and a vigorous peer-review process, the RGC allocated HK\$200 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。

第九輪計劃於2019/20學年舉行。研資局共收到47份初步建議書，申請金額約23億港元。經過初步篩選及嚴格學者評審後，研資局撥款約2億港元，資助共五個研究項目。

## HIGHLIGHTS 提要

*In the 2019/20 academic year, the RGC provided about HK\$74.15 million for the three competitive research funding schemes for the local self-financing degree sector supporting 75 research projects. As at 30 June 2020, the number of on-going projects is 175.*

在2019/20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7,415萬港元，共資助75個研究項目。截至2020年6月30日，175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 Sixth Round exercise was held in the 2019/20 academic year. Results were announced in September 2019. Following the completion of the Sixth Round exercise, the Seventh Round exercise started in November 2019. A total of fifteen local self-financing degree-awarding institutions were eligible for the three funding schemes in the Seventh 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, UOW College Hong Kong and Yew Chung College of Early Childhood Education. The results of the Seventh Round exercise will be announced in September 2020.

## 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，院校發展計劃分為研究基礎設施撥款和協作研究撥款。

第六輪計劃已於2019/20學年舉行。申請結果已於2019年9月公布。隨着第六輪計劃的結束，第七輪計劃已在2019年11月展開。共有十五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、香港伍倫貢學院及耀中幼教學院。第七輪計劃的申請結果將於2020年9月公布。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

### 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 2019/20 exercise, HK\$44.46 million was granted to 61 research projects out of 235 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 2019/20 exercise, 15 applications were received and seven of them were awarded HK\$3.15million.

### Institutional Development Scheme (IDS)

#### *Research Infrastructure Grant*

The Institutional Development Scheme (IDS) Research Infrastructure Grant 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 2019/20 exercise, four projects were supported with a total grant of HK\$ 16.05 million.

#### *Collaborative Research Grant*

The IDS Collaborative Research Grant aims at encouraging and supporting collaborative research involving two or more self-financing institutions, and/or group research activities that operate across disciplines within an institution with a view to enhancing the research output of self-financing institutions in terms of the level of attainment, quality, dimensions and/or speed. Of the 16 proposals received in 2019/20 exercise, three projects were supported with a total grant of HK\$10.5 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2019/20年度，本計劃共收到235份申請，其中61份研究計劃獲得資助，總額為4,446萬港元。

### 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2019/20年度共收到15份申請，合共批出315萬港元資助七份計劃。

### 院校發展計劃

#### *研究基礎設施撥款*

院校發展計劃研究基礎設施撥款旨在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2019/20年度共收到七份申請，最後共批出1,605萬港元資助四份計劃。

#### *協作研究撥款*

院校發展計劃協作研究撥款旨在鼓勵及協助頒授本地自資學位院校進行合作研究，包括涉及兩間或以上自資院校及／或個別院校內不同學科的合作研究，從而在學術水平、質素、領域及／或進度上提升自資院校的研究成果。在2019/20年度共收到16份申請，最後共批出1,050萬港元資助三份計劃。

## 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 (last round of exercise), the Areas of Excellence Scheme allocated HK\$216 million to support three projects. As at 30 June 2020, the number of on-going projects is 9.*

在2018/19學年(上一輪計劃)，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2020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\$100 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 Ninth Round exercise was launched in November 2019. A total of 20 eligible preliminary proposals were received, seeking grants of HK\$1.5 billion. Results of the Ninth Round exercise will be announced in late December 2020.

## 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1億港元，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。

第九輪計劃於2019年11月展開。研資局共收到20份合資格初步建議書，申請金額約15億港元。第九輪計劃的結果將於2020年12月底公布。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

### HIGHLIGHTS 提要

*Research Impact Fund was established in 2018. 124 preliminary proposals, seeking HK\$746 million, were received in the third round exercise. 46 proposals were shortlisted for submission of full proposals.*

研究影響基金於2018年成立。研資局於第三輪計劃共接獲124份初步建議書，申請資助總額為7.46億港元。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 third round exercise, the RGC received a total of 124 preliminary proposals seeking HK\$746 million.

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 2021.

## 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。研資局於第三輪申請共接獲124份初步建議書，申請資助總額為7.46億港元。

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2021年1月公佈。

## HIGHLIGHTS 提要

*In the 2019/20 academic year, the Hong Kong PhD Fellowship Scheme awarded 250 top students from 46 countries/regions.*

在2019/20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250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 Tenth Round exercise, 250 top students from 46 countries/regions received the award. By the deadline in December 2019, over 6,000 applicants from 112 countries/regions submitted full applications for the Eleventh 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。

第十屆香港博士研究生獎學金計劃的得主為250位來自全球46個國家及地區的優秀學生。而至2019年12月的報名截止日期，6,000多名來自112個國家及地區的申請者就第十一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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作



### HIGHLIGHTS 提要

*After the third processing cycle, matching grant at a total amount of HK\$768 million has been disbursed to 18 participating universities/institutions under the Research Matching Grant Scheme, with a total of seven universities reaching the matching floor of \$50 million.*

第三個申請期結束後，研究配對補助金計劃已發放共7.68億港元配對補助金予18所參與大學／院校，並且已有七間大學獲取超過5,000萬元「最低款額」的配對補助金。

### Research Matching Grant Scheme

The Research Matching Grant Scheme (RMGS) was launched on 1 August 2019 for a period of three years with HK\$3-billion funding, aiming to allow the sector to diversify research funding sources and incentivise more contribution and collaboration from the private sector.

Donations/funding from non-government/non-public sectors secured by an individual university/institution for research-related purposes are eligible for matching. Applications from eight UGC-funded universities and 13 local self-financing degree-awarding institutions are processed in cycles on a quarterly basis (except the first processing cycle from 1 August to 30 September 2019, and the last cycle from 1 April to 31 July 2022).

After the third processing cycle, donation/sponsorship/research contract applied for matching has amounted to about HK\$1.13 billion in total. Matching grant at a total amount of \$768 million has been disbursed to participating universities/institutions accordingly, with a total of seven universities reaching the matching floor of \$50 million. The remaining balance available for matching stood at about HK\$2.23 billion after three processing cycles. The RMGS will continue to operate till 31 July 2022.

### 研究配對補助金計劃

研究配對補助金計劃於2019年8月1日推行，為期三年，涉資30億港元。計劃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。

計劃期內，大學／院校從非政府／非公營界別籌得用以應付與研究相關開支的私人捐款或資助，均符合資格申請政府配對補助金。8間教資會資助大學及13間本地自資學位頒授院校遞交的申請，會以每個季度作一申請周期(2019年8月1日至9月30日的首個周期，以及2022年4月1日至7月31日的最後一個周期除外)逐期處理。

第三個申請期結束後，配對的申請已涉及共約11.3億港元捐款／贊助／研究合約。經審批後，我們已發放共7.68億港元配對補助金予有關大學／院校，並且已有七間大學獲取超過5,000萬元「最低款額」的配對補助金。首三個申請期過後，配對補助金的餘額約有22.3億港元。計劃將繼續接受申請至2022年7月31日。

## HIGHLIGHTS 提要

*Introduced in the 2019/20 academic year, the RGC Postdoctoral Fellowship Scheme awarded 50 fellowships in the debut exercise to attract and retain research talent as postdoctoral researchers at UGC-funded universities in Hong Kong.*

研資局博士後獎學金計劃於2019/20學年推行，首屆頒發50個名額，吸引及挽留研究人才，在香港教資會資助大學任博士後研究員。

## RGC Postdoctoral Fellowship Scheme

The RGC Postdoctoral Fellowship Scheme (PDFS) has been introduced in the 2019/20 academic year, aiming to encourage doctoral graduates in pursuing career in research and provide promising researchers with support at a pivotal time in their very early career, so as to ensure a supply of talent with scientific and research skills for research and development in Hong Kong. Subject to the availability of suitable candidates under the principle of merit-based selection, half of the award quotas for PDFS will be reserved for local candidates (i.e. Hong Kong permanent residents).

We are pleased to note the attractiveness of this newly introduced fellowship scheme with 83 strong candidates in the debut exercise from top universities internationally as well as UGC-funded universities. In addition to nominees from Hong Kong and the Mainland, we have nominees from Australia, France, India, Italy, Malaysia, Nigeria, Pakistan, The Netherlands, Turkey, the United Kingdom and the United States of America.

Among the first cohort of 50 PDFS awardees, 21 are from the Humanities, Social Sciences and Business Studies disciplines, and 29 from the Science, Medicine, Engineering and Technology disciplines. They should all start the 36-month fellowship with a full-time postdoctoral fellow (PdF) appointment at their respective supporting university within the year of 2020. Each awardee will be supported with annual stipends to cover their basic salary as PdF as well as conference and research-related travel allowance throughout the 36-month fellowship period. The first annual stipend is at \$396,600, subject to the relevant terms and conditions, the annual stipend for the subsequent years will be adjusted according to the Composite Consumer Price Index announced by the HKSAR Government.

We believe that the number of nominations will increase in future exercises when the universities have more experience with the nomination process of the scheme.

## 研資局博士後獎學金計劃

研資局博士後獎學金計劃於2019/20學年推行，旨在鼓勵博士畢業生投身研究工作，以及為具潛質的研究人員在事業里程早期提供支援，以培育、挽留及擴大研究人才庫，支持香港推動研發及培養研究文化。在擇優而取的原則之下，我們會因應合適候選人的數目，在計劃的名額當中預留一半予本地候選人（即香港永久性居民）。

我們欣悉此項新計劃備受歡迎，在首屆吸引來自國際頂尖大學及本地教資會資助大學的83名優秀參選者。除了本港及內地，候選者亦有來自澳洲、法國、印度、意大利、馬來西亞、尼日利亞、巴基斯坦、荷蘭、土耳其、英國及美國。

首屆50名獲獎者中，有21名屬人文學、社會科學及商科範疇，29名屬科學、醫學、工程及科技範疇。獲獎者均須於2020年內於其所屬的資助大學開展為期36個月的博士後研究員聘約。每名獲獎者每年可獲津貼以資助其博士後研究員基本薪金與會議及研究活動交通費用。首年津貼額為396,600港元，其後兩年的津貼額將根據相關條款，按香港特別行政區政府每年公佈的綜合消費物價指數作出年度調整。

隨着各大學就提名過程累積更多的經驗，我們相信提名數字於可見將來會更益上升。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作



### HIGHLIGHTS 提要

*Introduced in the 2019/20 academic year, the RGC Research Fellow Scheme and RGC Senior Research Fellow Scheme will award 10 fellowships each to exceptionally outstanding academics at UGC-funded universities in Hong Kong, with total allocation amounting to around HK\$130 million.*

研資局研究學者計劃及研資局高級研究學者計劃於2019/20學年推行，首屆各頒發10個獎項予教資會資助大學裏卓越非凡的學者，資助總額約為1.3億港元。

### RGC Research Fellow Scheme/ RGC Senior Research Fellow Scheme

The RGC Research Fellow Scheme (RFS) and RGC Senior Research Fellow Scheme (SRFS) have been introduced in the 2019/20 academic year, aiming to provide sustained support and relief from teaching and administrative duties for exceptionally outstanding academics at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development. Subject to the availability of suitable candidates under the principle of merit-based selection, half of the award quotas for each of the two schemes will be reserved for local candidates (i.e. Hong Kong permanent residents).

We received 33 nominations for RFS and 32 for SRFS in the inaugural exercise competing for the ten RFS and ten SRFS awards. Upon the completion of peer-review assessment, shortlisted nominees were invited for interviews by the respective selection panel via video-conferencing in May/June 2020. The selection panels commended highly on the quality of the nominees and the research proposals submitted, as well as the enthusiasm displayed by the finalists during their interviews.

Recommendations of the RFS awardees (two from Humanities, Social Sciences and Business Studies (HSSB) disciplines, and eight from Science, Technology, Engineering and Mathematics (STEM) disciplines) and SRFS awardees (three from HSSB and seven from STEM disciplines) were endorsed by the RGC in June 2020. All awardees are to start the research project on 1 January 2021. Each RFS and SRFS awardee will be supported with a fellowship grant covering a period of 60 months at around HK\$5.2 million and HK\$7.8 million respectively.

The inaugural RFS/SRFS exercise, with success rate of around 30% for both RFS and SRFS and also for both disciplines, has set a very high benchmark for future exercises. The total allocation of the two schemes in the debut exercise amounts to around HK\$130 million.

### 研資局研究學者計劃／ 研資局高級研究學者計劃

研資局研究學者計劃及研資局高級研究學者計劃於2019/20學年推行，旨在為教資會資助大學裏卓越非凡的副教授級和教授級學者，提供教學及行政職務方面的持續支援，令他們可以專注於研究及發展工作。在擇優而取的原則之下，我們會因應合適候選人的數目，在計劃的名額當中預留一半予本地候選人（即香港永久性居民）。

首屆研資局研究學者計劃及研資局高級研究學者計劃分別收到33宗及32宗提名，競逐各十個獎項。完成同儕評審後，進入最後入圍名單的參選者獲邀接受遴選小組的面試。面試透過視像會議方式，於2020年5月及6月進行。遴選小組高度讚賞獲提名的候選人及其高水平的研究提案，並喜見最後入圍的候選人在面試中展現熱忱。

遴選小組推薦的研資局研究學者計劃獲獎者（兩名屬人文學、社會科學及商科範疇，八名屬科學、科技、工程及數學範疇），及研資局高級研究學者計劃獲獎者（三名屬人文學、社會科學及商科範疇，七名屬科學、科技、工程及數學範疇），得獎名單已獲得研資局於2020年6月通過及確認。每名獲獎者須於2021年1月1日開始計劃下的研究項目，並獲發放為期60個月的津貼，金額分別約為520萬港元（研資局研究學者計劃）及780萬港元（研資局高級研究學者計劃）。

兩項計劃首屆的成功率均約為30%（兩大學科範疇亦然），為來屆定下高基準。兩項計劃首屆資助總額約為1.3億港元。

## 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 Molecular Functional Materials*

The Institute of Molecular Functional Materials has successfully established a world-class centre of international excellence in molecular functional materials. Through multi-institutional and multidisciplinary collaborations, the team has developed novel classes of innovative molecular functional materials to address the four grand challenges of the AoE.

In the grand challenge related to New Frontiers in Supramolecular Science, the team has pioneered the use of unique non-covalent metal-metal interactions of d8 and d10 metal complexes in directing the supramolecular assembly and nanostructures of molecular materials, opening up new strategies for the control of supramolecular assembly, manipulating and directing the supramolecular assembly and growth mechanisms and orchestrating the construction of well-defined molecular nanostructures and morphologies. Extensive efforts have also been devoted on the discovery of luminogenic materials with aggregation-induced emission (AIE) characteristics as well as new polymeric materials. These, together with a more thorough understanding on the nature and energy of the excited states have given important information and insights for the design of unique, more efficient and more stable triplet emitters and AIE luminogens. All these fundamental studies and understanding in supramolecular science and excited states has formed the basis to contribute towards the rational design of innovative classes of molecular functional materials to meet the other three grand challenges, including high efficiency OLED and PLED materials, OPV and OTFT materials, and catalysts for energy research.

#### 卓越學科領域計劃

##### 項目名稱

###### *分子功能材料研究所*

分子功能材料研究所成功建立了一所世界一流的分子功能材料研究中心。通過跨院校、跨學科的協作，團隊研發了多類型新穎的分子功能材料來解決與能源相關的四大挑戰。

為應對超分子科學前沿的重大挑戰，團隊率先利用d8和d10金屬配合物的獨特金屬—金屬非共價相互作用來調控分子材料的超分子組裝和納米結構，從而為調控超分子組裝、掌握超分子組裝及其機理，以及構建明確的分子納米結構和形態開闢了新的策略。團隊亦致力開發具聚集誘導發光特性的發光材料和新型聚合物材料，並透過深入理解激發態的性質和機理，成功設計了多種獨特、高效和穩定的三重態發射材料和聚集誘導發光材料。這些有關超分子科學及激發態的重要基礎研究為團隊帶來原創性的概念和指導，對團隊設計合成新穎的分子功能材料來解決其他與能源相關的重大挑戰，包括設計更高效的有機發光二極管和聚合物發光二極管材料、有機光伏電池和有機薄膜電晶體材料，以及應用於能源研究的催化劑起了積極和重大作用。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

The establishment of the core laboratory facilities has provided comprehensive infrastructural facilities for molecular functional materials research in Hong Kong. Through dedication and persistence, the team has disseminated new knowledge in the form of over 930 publications in high impact peer-review journal, delivered more than 480 distinguished/plenary/keynote/award/public/invited lectures at international/national conferences, received numerous prestigious awards and election to national academies. The team has successfully built an international reputation and was invited to pre-record videos which have been broadcasted at the 2017 Materials Research Society (MRS) Spring Meeting (<https://www.youtube.com/watch?v=ddMwyEeDAyg&index=9&list=LGVe6BxyFHNWYv-kOSJWFIC9W9FEJFsHd>) as well as the 7th EuCheMS Chemistry Congress, Liverpool, 2018 (<https://www.youtube.com/watch?v=M9F3ADwAcyY>), which aim to highlight leading research centres, especially those related to energy research, and to raise the visibility of best practices in materials research.

In addition, the team has also devoted enormous efforts in making contributions to local and regional economic and social development through the creation of intellectual property (IP) rights, working closely with industrial partners as well as training of students and nurturing of scientists and next generation of academic leaders. To date, a total of 65 patent applications were filed while 12 of them have been successfully granted. A total of 100 research postgraduate students have been recruited since the commencement of AoE in 2020 and 95 of them have graduated. Among the leaving research personnel or graduated students, 39 of them got a faculty position, including professor, associate professor, assistant professor and lecturer in universities or tertiary institutions. 12 continued to do research in universities while 20 continued to do research in private sectors. 19 have worked as professional chemists and scientists in government or private sectors. In conclusion, through together multi-institutional efforts and interdisciplinary expertise, the AoE has successfully developed world-class excellence in science and technology of molecular functional materials. The AoE has brought international recognition and making Hong Kong highly visible on the map.

此外，研究所建設的核心實驗室也為香港構建了一個全面的分子功能材料研究設施平台，着力推動分子功能材料研究。通過堅持不懈的努力，團隊的研究成果已在高影響因子的同行評審期刊發表論文930多篇，並獲邀在國際／國家會議上發表了480多次的傑出／大會／主題／獲獎／公開／邀請報告，團隊成員更獲頒獎項和殊榮，卓越的表現備受肯定。另外，團隊也兩次獲邀預錄製視頻，分別在2017 Materials Research Society (MRS) Spring Meeting (<https://www.youtube.com/watch?v=ddMwyEeDAyg&index=9&list=LGVe6BxyFHNWYv-kOSJWFIC9W9FEJFsHd>) 和7th EuCheMS Chemistry Congress, Liverpool, 2018 (<https://www.youtube.com/watch?v=M9F3ADwAcyY>)會議上播出，藉以進一步提升分子功能材料研究所的國際知名度，鞏固研究所在能源研究領域的領導地位。

團隊還秉持着努力不懈的精神，通過創建知識產權(IP)、與行業合作夥伴緊密合作、培訓學生，以及培養年青科學家 and 下一代科學領袖，為香港的經濟和社會發展做出貢獻。迄今為止，團隊共提交了65項專利申請，其中12項已成功獲得授權。自2010年啟動以來，研究所共培育了100名研究生，其中95名已畢業。在培訓的研究人員或畢業的研究生中，39人取得大學或大專院校教職，職位包括教授、副教授、助理教授和講師；12人和20人則分別繼續在大學或私人機構進行科研工作；19人任職政府化驗所化驗師或於私人機構任職化驗師、科學家等。通過跨院校、跨學科的協作研究，分子功能材料研究所成功地研發了多類型新穎的分子功能材料來解決與能源相關的挑戰，在分子功能材料領域取得了世界一流的卓越成就，研究成果受國際矚目。

## Theme-based Research Scheme

### Project Title

#### ***Enhancing Hong Kong's Future as a Leading International Financial Centre***

Article 109 of the Hong Kong Basic Law imposes on the Hong Kong Government an obligation “to provide an appropriate economic and legal environment for the maintenance of the status of Hong Kong as an international financial centre.” Yet, few scholars or policymakers know exactly how to do that. From its launch in 2012, our multi-disciplinary project has helped provide academically rigorous – and practicably useful – ways of understanding how international financial centres like Hong Kong grow and evolve.

One thread of that work focused on understanding the past conditions which helped cities like Hong Kong, London and New York become financial centres in the first place. We found that the best laws balance bankers and businessperson's own self-interest with maintaining stable markets. Credit rules need to punish over-lending, while keeping the best lending profitable. Rules on stock market listings need to encourage foreign corporations to list, while managing the self-dealing that often occurs in these kinds of firms.

Another thread of work focused on evaluating present policies. The 2008 Global Financial Crisis changed the way governments manage banking and securities sectors world-wide and analysis of many of these changes was a central focus of the project. The thread of research with the largest impact, though, must be focused on China's financial centres – and the way they impact other financial centres world-wide. These studies showed how Hong Kong will complement, as well as compete with, Chinese financial centres in securities, debt and even securitization markets. Until now, few scholars paid much attention to Chinese financial centres. Our project helped ignite global interest in the subject – as measured by academic citations and popular media interest in many of our findings.

## 主題研究計劃

### 項目名稱

#### ***提升香港全球競爭能力，打造世界一流金融中心***

根據香港《基本法》第一百零九條訂立，香港政府有義務「提供適當的經濟和法律環境，以維持香港作為國際金融中心的地位」。但是，仍有一些學者或決策者未完全了解如何實踐。此研究項目自2012年啟動以來，幫助我們提供了不少在學術上嚴謹而又可行的方法，來了解香港如何逐漸地發展成為國際金融中心。

此研究項目的一個重點是了解過去的情況，如何令香港、倫敦和紐約成為金融中心。我們發現最好的法律是要能夠在保持穩定市場與銀行家和商人自身利益之間取得平衡。信貸規則需要懲罰超額貸款，同時保持最佳貸款的利潤。關於股票市場上市的規則需要鼓勵外國公司上市，同時管理這類公司中經常發生的自我交易。

另一個研究重點是評估現時的政策。自2008年的全球金融危機改變了政府管理銀行和證券部門的方式，對其多樣變化作出分析亦是本項目重點之一。這項研究影響最大的是對中國在金融中心的發展，以及它對全球其他金融中心的影響。這些研究表明，香港將如何在證券、債務甚至證券化市場上與中國金融中心互補並競爭。到目前為止，只有很少學者對中國金融中心給予太多關注。由學術報告引用和大眾媒體傳播對我們的注意，可見這個項目激發了全球對此學科的興趣。



## Research Funding Schemes and RGC Activities

### 研究資助計劃及研資局的工作

Among the major outputs of the project were a series of major books focusing on Hong Kong and international financial regulation and dozens of international journal articles as well as input into policy recommendations and collaboration with the Hong Kong Financial Services Development Council. All in all, our research has helped to increase understanding of financial centres, particularly Hong Kong, and the many policy issues and challenges facing them around the world.

Importantly, our research has provided a model for working across borders and academic disciplines. About one-quarter of our studies involved more than one type of analysis – focusing economists to confront political theorists, and geographers to work with lawyers. Several papers have taken into account the way space and place affect financial policy (as distance affects the extent to which credit policy needs tightening or loosening). Economists have run regressions looking at bureaucrats' behaviour – something only political scientists or historians have done until now. Most works have confronted the heavy hand of history – something discouraged in conventional law, economics, and political science faculties. Interest in these works shows that – despite pessimistic predictions to the contrary – scholars will respond to multi-disciplinary work – and adopt such method if given incentives to do so.

此研究項目的主要成果是發行了一系列關注香港和國際金融法規的書籍和發表了數十篇相關的國際期刊文章，另外亦與香港金融發展局合作，提供政策和建議。總括而言，我們的研究有助於增進人們了解對金融中心，尤其是香港，以及世界各地金融中心面臨的許多政策問題和挑戰。

值得一提的是，我們的研究項目亦提供了跨國界和跨學科的範例。我們約有四分之一的研究涉及不止一種分析，當中涉及經濟學家面對政治理論家，以及地理學家與律師的合作。我們發表的其中幾篇論文討論了空間和地點對金融政策的影響（因距離影響信用政策面對收緊或放鬆的程度）。由經濟學家對官僚的行為進行了回歸分析，以往這只有是政治學家或歷史學家才這樣做。大多數的研究都面臨著歷史的沉重打擊尤其是傳統法律，經濟學和政治學都不鼓勵這樣做。相反地，儘管預測是悲觀的，但值得關注的是，如有誘因的話，學者們會響應跨學科研究工作及採用相關方法去執行研究工作。

## Project Title

### ***An Integrated Trans-omics Approach to Disbetic Cardio-renal Complications: From Novel Discoveries to Personalized Medicine***

Diabetes is a major health problem worldwide, including in Hong Kong. Healthcare costs associated with diabetes in China was 200 billion RMB in 2007, and is forecasted to exceed 360 billion RMB by 2030. Most of the healthcare burden from diabetes is associated with the management of diabetic complications, in particular, cardiovascular and renal complications. In Hong Kong, diabetes accounts for annual healthcare costs of approximately 5 billion HKD, mostly due to burden from heart and kidney complications.

Diabetes is the major cause of end-stage renal disease (ESRD), and increases the risk of cardiovascular disease (CVD) by 3-4 fold. Asian patients with type 2 diabetes (T2D) are particularly prone to renal complications when compared to patients of European origin. Only few genetic markers have so far been identified to predict diabetic cardiovascular-renal complications. Discovery of novel genetic or other biomarkers for diabetic complications can help identify at risk subjects for intensive risk factors management, advance our understanding of disease pathogenesis, revolutionize care and provide novel targets for drug development. In this Grand Challenge, we have utilized the unique resource from the Hong Kong Disbetes Registry, with more than 10,000 patients with T2D with detailed biochemical assessment of risk factors and documentation of medication history, who have been prospectively followed up for a mean duration of 8 years, with an accrual of 4,000 events of cardiovascular and renal complications. We applied a multi-omic approach and used genotyping arrays and new-generation sequencing (NGS) and other technologies to conduct a comprehensive evaluation of the genome, epigenome and transcriptome of diabetic patients with complications and diabetic patients free of complications despite long duration of disease.

## 項目名稱

### **對糖尿病心血管及腎臟併發症的跨組學基因研究——從創新發現至個性化治療**

糖尿病已成為香港以及全球的主要疾病之一。2007年中國與糖尿病相關的醫療保健費用為2,000億元人民幣，預計到2030年將超過3,600億元人民幣。糖尿病所帶來的醫療負擔，主要是由於對其併發症的治療，尤其是心血管和腎臟的併發症。在香港，糖尿病每年的醫療費用約為50億港元，主要是由於心臟和腎臟並發症的負擔。

探索和發現新的糖尿病併發症相關的遺傳或其它生物標記，將有助於識別高危人士而對其進行風險因素的強化控制；進一步提高我們對發病機制的認識及促進治療水平的提升；還為藥物研發提供新的靶向。面對這個巨大的挑戰，我們利用「香港糖尿病登記」，進行相關的研究和探索。「香港糖尿病登記」收錄了多個2型糖尿病病人的資料，包括糖尿病及其併發症相關風險因素的生化指標評估。這些病人的平均隨訪時間超過8年，累計了4,000個心血管及腎臟相關的臨床終點事件。我們採用多組學的方法、新一代測序及其它先進分子生物學技術，研究和比較基因組、表觀基因組及轉錄組的變化和特徵。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

Through work in the project, the project team has identified a panel of genetic and other molecular markers that can identify patients at higher risk of future diabetes complications. We have utilized advanced bioinformatics analysis to integrate findings from these different approaches. Insights from this multi-faceted investigation were compared to findings from animal models of diabetic complications. We also utilized bioinformatics, in vitro experiments and animal models to explore the functional significance and regulatory pathways of novel genes identified from the genomic studies. In addition to novel biological discoveries, we sought to translate our findings and examine the clinical significance of these novel biomarkers, as well as their interactions with different treatments on disease outcomes. In the project, we have also leveraged on the existing healthcare infrastructure and detailed clinical information available to establish an expanded diabetes registry and biobank with contribution from major diabetes centres across Hong Kong for large-scale replication of any novel biomarkers discovered. This resource is a first-of-its-kind.

Ongoing work is focused on large-scale replication of these findings in different populations, application to patients in real-life clinical setting, and studies to understand how these genes affect development of diabetes-related complications. Findings from the project is helping to transform the way we treat patients with diabetes, whereby each patient can receive tailored treatment regimens that are most suitable and effective for them. Discoveries arising from the project are also providing us with new insights and leads for developing new drugs to treat diabetes and prevent its associated complications. In sum, the translation of our genomic discoveries to clinical care will consolidate Hong Kong as a centre for innovative biomedical research and chronic care excellence.

通過本研究項目的工作，項目組已經確定了一組基因和其他分子標記，可以識別未來糖尿病並發症風險較高的患者。我們利用生物信息學、體外實驗和動物模型方法，分析和驗證所鑑定的新基因的功能和調節途徑。此外，我們還旨在將這些研究結果轉化為臨床應用，檢驗和分析這些新遺傳標記的臨床應用價值。最終，我們聯合香港多個糖尿病中心建立「香港糖尿病生物樣本庫」，對所發現的新生物標記進行大規模的驗證。

正在進行的工作包括在不同人群中大規模確認這些標記，並對現實臨床環境中的患者的應用，並且研究了解這些基因如何影響糖尿病相關並發症的發展。本項目的結果將有助於改變我們對糖尿病患者的治療方式，從而在將來提供糖尿病患者可以獲得最適合和有效的治療方案。本項目的研究突破和發現也為我們提供了新的見解，為治療糖尿病並預防其相關並發症開發新藥提供新的方向。研究的成果，將進一步鞏固香港作為創新生物醫學研究和卓越醫療中心的地位。

## Collaborative Research Fund

### Project Title

#### ***Elucidating the molecular defects associated with PTEN mutations in Autism Spectrum Disorders***

Autism Spectrum Disorders (ASD) are a collection of neurocognitive deficits affecting an estimated 26.6 per 10,000 individuals in Hong Kong. It has an early onset of 3 year of age and is characterized by the lack of social interaction and language skills. Patients are care for by a multidisciplinary team of medical professionals with behavioral therapies being the main treatment modality. While environmental factors may play a role, the major cause of ASD has a strong genetic component. This proposal will study an ASD susceptibility gene, PTEN, which is mutated in 1% of ASD. PTEN suppresses protein synthesis and the loss of PTEN is expected to cause aberrant accumulation of proteins in ASD brains. The pathological consequence is the dysregulation of normal nerve signal transmission. This proposal aims to achieve three goals. First, a panel of PTEN mutations found in ASD patients will be characterized. Hong Kong-based cases will be included to strengthen local resources of ASD research. Second, the aberrant proteins produced in ASD neurons lacking PTEN will be identified. They may be targets for future drug development in treating this disorder. Finally, a novel mouse strain with part of PTEN implicated in nerve signal transmission missing will be characterized. The long-term goal is to understand how specific gene mutations can link to specific clinical features of ASD. This proposal represents a highly focused study to dissect the genetic basis of ASD and will deepen our understanding of this complex disease.

## 協作研究金

### 項目名稱

#### ***研究PTEN基因突變的相關機制與自閉症的起源***

自閉症是一種神經系統失調病症。根據估計在香港每10,000人中便有26.6人會有不同程度的病狀。自閉症的發病年齡通常在3歲前而其病徵包括缺乏社交能力和語言技能。治療方式會採用多學科醫療專業團隊而以行為治療為主要的療法。自閉症的起源是非常複雜。環境與遺傳皆是主要成因。這項目會研究一個自閉症基因，PTEN，其突變在1%的自閉症患者中發現。PTEN能抑制細胞蛋白質的正常生產。自閉症患者在喪失PTEN後會導致蛋白質在神經細胞的異常積累。病理後果是失去正常神經細胞傳遞信號的能力。這項目有三個目標。首先，項目會研究如何自閉症患者的PTEN基因突變會導致蛋白質的異常積累。為加強香港自閉症的研究資源，本地自閉症患者的PTEN基因突變將會被納入。第二，在自閉症神經細胞異常積累的蛋白質將會被識別。它們可用於未來研究治療這種疾病的藥物。最後，項目會研究一個新的PTEN小鼠品種。此品種預計將失去神經信號傳遞。現項目的長遠目標是了解基因突變如何鏈接到自閉症的臨床特徵。研究會集中剖析自閉症的遺傳基礎，並會加深我們對這種複雜疾病的認識。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

### Project Title

#### ***A Multidisciplinary Study on CD133 Liver Cancer Stem Cells: Molecular Mechanisms, Clinical Relevance and Therapeutic Implications***

Cancer is hierarchically organized and composed of a heterogeneous population of cells, among which researchers have now provided solid evidence of the existence and importance of a cancer stem cell (CSC) compartment. This fraction of tumor cells shares many similarities with normal stem cells, such as self-renewing capacity and multi-lineage differentiation properties. In addition, CSCs are also highly tumorigenic. The discovery of the role of CSCs has altered the landscape of cancer research. From a clinical point of view, the main concern with CSCs is their resistance to conventional treatments like radiation and chemotherapy, a feature that has now been extensively shown to be an underlying cause of tumor recurrence. This would require that we rethink the way we diagnose and treat tumors, as in addition to eliminating the bulk rapidly dividing cells that are the current targets of treatment, we will also have to focus on targeting the CSC subpopulation that fuels tumor growth. In light of this, there is a need to define the factors that sustain CSCs in order to develop more efficient therapies. There is now ample evidence to show that, like many other solid tumors, a CSC subpopulation does also exist in the locally prevalent cancer type Hepatocellular Carcinoma (HCC). We and others have previously identified a specific subset of liver CSCs that is marked by their CD133 surface phenotype and bearing features that include the ability to self-renew, differentiate, initiate tumors in vivo and resist chemotherapy. Further to its role as a liver CSC marker, we also found CD133 to play a functional role in regulating tumorigenesis of liver CSCs through CD133 shRNA knockdown assays. However, the exact mechanisms that govern CD133+ CSCs in HCC remain largely unexplored. Based on the hypothesis that CD133+ liver CSCs is vital in fueling HCC growth and recurrence, in this project, we seek support to characterize the molecular mechanisms underlying CD133+ liver CSC initiation, maintenance, progression and differentiation via multiple perspectives (viral associated, genes/pathways, comparison of CD133 subsets from normal/non-tumor and HCC). The importance of what can be achieved cannot be overemphasized because of the high incidence and mortality of HCC in the local community and beyond.

### 項目名稱

#### ***CD133肝癌幹細胞：分子機制、臨床意義及治療應用的綜合性研究***

癌症是由不同分級的異質細胞組成的。目前，研究人員已經有確鑿證據證明癌幹細胞的存在及其重要性。癌幹細胞與正常的幹細胞有很多相似地方，例如自我更新能力，多系細胞分化特徵等。除此之外，癌幹細胞具有很強的致癌性，它的發現對癌症研究有著重大的影響。從臨床角度來看，癌幹細胞對於傳統的癌症治療方法(放療，化療)有較強的抵抗性，眾多實驗證明這是癌症復發的潛在原因之一。目前我們需要重新審視癌症的治療方法。傳統的癌症治療方法普遍針對快速增殖的癌細胞，然而我們不能忽視除去癌幹細胞的重要性，因為該群細胞對腫瘤的增長至關重要。因此，目前迫切需要闡明維繫癌幹細胞的因素，進而在此基礎之上研發出更有效的抗癌療法。與其他實質固態腫瘤一樣，目前有足夠的證據證明肝細胞癌中亦存在著一群癌幹細胞。我們與其他人的早期實驗結果證實肝細胞癌幹細胞表達CD133分子標誌，並且該群細胞具有自我更新、分化，在體內生成腫瘤，抵抗化療的能力。除了作為肝細胞癌幹細胞的分子標誌，我們通過CD133 shRNA干擾的方法發現CD133在調節肝細胞癌產生中具有實質性功能。然而，CD133+肝細胞癌幹細胞調節肝細胞癌生成和發展的機制目前尚未明確。基於CD133+肝癌幹細胞在肝細胞癌的增長和復發中起到關鍵作用，在此項目中，我們希望可以通過多個層面(病毒機制,基因/分子通路，比較肝細胞癌與正常/非腫瘤CD133亞群)闡明CD133+肝癌幹細胞的發生、維繫、發展和分化。鑒於肝細胞癌在中國的高發病率和高致死率，該研究項目的成果將會帶來重大意義。

## General Research Fund

### Project Title

#### ***Study of Human Brain Wave for Neuro-Psychological Changes due to Electromagnetic Exposure***

There have been concerns that electromagnetic (EM) exposure may affect the physiological and psychological reactions of humans particularly in neuro-psychological changes. The correlation between the electromagnetic exposure and the brain wave activities has been explored for some time. Brain wave activity is a key parameter to all neuro-psychological changes and their relationship remains ambiguous; direct correlation between electromagnetic waves and neuro-psychological changes, including psychological feeling such as anxiety and depression, are yet to be explored.

This project is a pioneering investigation in exploring the above subject matter aiming at characterizing and quantifying the impact of the external EM waves by human brain activities, and then correlating the EM wave further directly to the neuro-psychological changes via the characteristics of the brain waves under EM exposure.

## 優配研究金

### 項目名稱

#### **電磁場於腦電波及心理神經變化影響之研究**

人的生理及心理會對電磁場產生反應。特別在神經及心理方面的變化，這種的擔心普遍已經存在多時。電磁場和腦電波活動之間的相關性已探索了一段時間。雖然腦電波是神經反應及或許包括心理變化的關鍵參數；但是電磁暴露和心理變化之間的直接關係現時仍未能明確。電磁波和心理變化，包括如焦慮，抑鬱的心理感受之間的直接關係，仍然有待探索。

這項目是一個探索上述主題的一個初步方案，依據人腦活動的不同狀態對外界電磁波的影響進行定性和定量分析，進而通過在電磁場下的腦波的特徵，將電磁波與心理及情緒的影響，直接定性給互相關聯。



## Early Career Scheme

### Project Title

#### ***Statistical Modeling for Heterogeneous Dynamic Transcription Factor Networks***

The projects aims to develop a statistical model and accompanying inference methods for transcription factor networks, which are heterogeneous across the genome and dynamic over biological conditions. Gene expression is largely controlled by a family of proteins called transcription factors (TF) in a collaborative manner. Therefore, understanding TF cooperation is crucial for elucidating gene regulation and ultimately disease mechanism. The interactions among TFs can be represented by networks, one network for each genomic position and each node inside a network representing a TF. Since TF collaborations differ from genomic position to position and from one biological condition to another, the networks are heterogeneous and dynamic. However, there is a shortage of statistical methods for heterogeneous dynamic networks, let alone for TF networks. Although there have been active researches on modelling multiple networks jointly, these methods enforce the network structures for all the samples within a single condition to be the same. In contrast, the emerging works on estimating heterogeneous Gaussain graphical models do not consider multiple non-temporal conditions, and they are not applicable to counts data, which are the cases for TF experiments. Moreover, despite the recent statistical developments, the previous construction of TF networks lacks solid statistical model, analyzes each biological condition on its own, and ignores heterogeneity within condition. For TF experimental data, single condition analysis suffers from low detection power; according to our pilot study, disregarding genome heterogeneity can result in extremely misleading conclusions about TF associations.

This project proposed a novel Bayesian nonparametric dynamic Poisson graphical model to handle both heterogeneity and multiple conditions simultaneously. By accounting for heterogeneity, our model will offer a legitimate measure of TF association strength; via pooling information across multiple conditions, this model will improve signal detection from small sample size, high-noise data. To take care of the large data volume, this project developed efficient highly parallelized Markov Chain Monte Carlo algorithms to conduct statistical inference for the proposed model. This Big Data project, as a typical example with data of large volume, high complexity, and low veracity, has made substantial contributions to statistical modeling, statistical computing, parallel programming and genomics. The scientific discoveries from this project will help to solve health problems related to Hong Kong and elsewhere.

## 傑出青年學者計劃

### 項目名稱

#### **非均一動態轉錄因子網絡的統計建模**

轉錄因子網絡一方面在基因組不同的位點有著不同的結構，另一方面其結構也隨著細胞類型的變化而動態變化。本項目旨在研究轉錄因子網絡的統計建模和推斷方法。基因表達很大程度上由一類稱為轉錄因子的蛋白共同調控。因此，理解轉錄因子的協同作用對揭示基因調控的原理至關重要。轉錄因子之間的相互作用可以用網絡來表達。每一個基因組位點對應一個網絡，而網絡的每個節點表示一個轉錄因子。由於轉錄因子間的協同作用隨著基因組位點和細胞類型的不同而不同，所以轉錄因子網絡是非均一併且動態變化的。然而文獻中少有針對非均一動態網絡的統計方法，更不要提對轉錄因子網絡的統計建模。最近有許多對多個網絡同時建模的統計方法，但它們都要求同一個條件下所有樣本都服從同一個網絡。另一方面，現有非均一高斯圖模型的統計方法都不同時考慮多個條件。並且現有的這些方法都不適用於對離散性數據建立網絡模型，而這恰恰是用於學習轉錄因子網絡模型的數據的特點。因而，儘管最近針對網絡的統計方法有快速的發展，轉錄因子網絡依舊沒有嚴格的統計模型。

本項目提出一個新的貝葉斯非參數動態泊松圖模型來同時處理網絡結構的非均一性和動態變化。這個模型不僅提供了一個對轉錄因子協同作用的合理度量，同時通過整合不同條件下的樣本提高了推斷網絡結構的準確度。這個項目開發了一個高度並行的Markov Chain Monte Carlo的算法來對所提出的模型進行統計推斷。這個大數據項目是一個大數據量、高數據複雜度、低信噪比的典型例子，它將對統計建模、統計計算、並行計算和基因組學作出重要貢獻。其中的科學發現也將有助於解決與香港有關的健康問題。

## RGC Visits to UGC-funded universities

The RGC visited Hong Kong Baptist University on 13 June 2019. 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

2019年6月13日，研資局探訪了香港浸會大學。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。



## Research Funding Schemes and RGC Activities 研究資助計劃及研資局的工作

### 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。



## How Funded Projects are Selected, Monitored and Assessed

### 資助項目的審批、監察與評核

## 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。



## How Funded Projects are Selected, Monitored and Assessed 資助項目的審批、監察與評核

### 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 2019/20 附錄 A：研資局 2019/20 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, JP (Chairman) 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	Clarksdale Investment Limited Clarksdale投資有限公司	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 James Fawcett	University of Cambridge 牛津大學	11/2019
Prof Raymond Man-pao Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Prof Joseph Hun-wei Lee 李行偉教授	The Hong Kong University of Science and Technology 香港科技大學	11/2019
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



## Appendix A: RGC Membership 2019/20 附錄 A：研資局 2019/20 年度成員名單

<b>RGC Member</b> 研資局成員	<b>Institution</b> 所屬機構	<b>Appointed in</b> <b>(Month/Year)</b> 委任於(月/年)
Prof William Ireland Milne	University of Cambridge 劍橋大學	9/2017
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 Franklin Fuk-kay Tong 湯復基博士	QBN Capital	7/2015
Prof Kellee S Tsai 蔡欣怡教授	The Hong Kong University of Science and Technology 香港科技大學	11/2019
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-kyok 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) (retired on 15 February 2020) (已於2020年2月15日卸任)	Innovation and Technology Commission 創新科技署	7/2011

## Appendix A: RGC Membership 2019/20 附錄A：研資局 2019/20 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 Charles Surya 徐星全教授 (當然成員) (assumed office on 17 February 2020) (已於2020年2月17日履新)	Innovation and Technology Commission 創新科技署	2/2020
David Leung (Secretary) 梁子琪先生 (秘書) (Left the post on 15 June 2020) (已於2020年6月15日離任)	University Grants Committee Secretariat 大學教育資助委員會秘書處	
Miss Amy Chan (Secretary) 陳婉雯女士 (秘書) (assumed office on 15 June 2020) (已於2020年6月15日履新)	University Grants Committee Secretariat 大學教育資助委員會秘書處	



## Appendix B: Attendance Record of RGC Members in 2019/20 附錄 B：2019/20 年度研資局成員出席會議的記錄

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	2	100%
Prof James Fawcett*	2	2	100%
Prof Raymond Man-pao Kan* 簡文豹教授*	2	2	100%
Prof Joseph Hun-wei Lee 李行偉教授	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 William Ireland Milne*	2	1	50%
Prof Joshua Ka-ho Mok 莫家豪教授	2	2	100%

## Appendix B: Attendance Record of RGC Members in 2019/20 附錄 B：2019/20 年度研資局成員出席會議的記錄

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 Irene Oi-lin Ng 吳呂愛蓮教授	2	2	100%
Prof Jay Siegel*	2	2	100%
Prof Geoffrey L Smith*	2	1	50%
Prof Billy Kee-long So* 蘇基朗教授*	2	2	100%
Prof Richard Strugnell*	2	2	100%
Dr Frank Fuk-kay Tong 湯復基博士	2	2	100%
Prof Kellee S Tsai 蔡欣怡教授	2	2	100%
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	1	50%
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	2	100%
Prof On-ching Yue 余安正教授 (retired on 15 February 2020) (已於2020年2月15日卸任)	1	1	100%
Prof Charles Surya 徐星全教授 (assumed office on 17 February 2020) (已於2020年2月17日履新)	1	1	100%

\* denotes members outside Hong Kong

\* 為海外成員



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Biology and Medicine</b> 生物學及醫學		
Prof James Fawcett (Chairman) (主席)	University of Cambridge 劍橋大學	1/2017
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 College of Medicine 梅約臨床醫學院	2/2015
Prof Hongtao Yu (Deputy Chairman – Schemes for Individual Research) (副主席－個人研究資助計劃)	University of Texas 德克薩斯州大學	1/2018
Prof Rudolf Bauer	University of Graz 卡爾·弗朗岑格拉茨大學	3/2018
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 Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎醫學院	11/2019
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 Danny Chan 陳振勝教授	The University of Hong Kong 香港大學	3/2020
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

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Stephen Lam Chan 陳林教授	The Chinese University of Hong Kong 香港中文大學	11/2019
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 Meng Chen	University of California, Riverside 加州大學河濱分校	12/2019
Prof Ying Cheong	University of Southampton 修咸頓大學	11/2019
Prof Zheng Dong 董政教授	Medical College of Georgia, Augusta University 奧古斯塔大學－佐治亞州醫學院	11/2019
Prof Thomas Efferth	Johannes Gutenberg University 約翰尼斯・古騰堡－美茵茲大學	1/2016
Prof Xiaohua Gong	University of California, Berkeley 加州大學柏克萊分校	3/2020
Prof Jennifer Grandis	University of California, San Francisco 加州大學舊金山分校	11/2019
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 Ladd Johnson	Laval University 拉瓦爾大學	1/2020
Prof William Hunter	University of Dundee 鄧迪大學	3/2018
Prof Liwen Jiang 姜里文教授	The Chinese University of Hong Kong 香港中文大學	3/2018



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 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 何凱慈教授	University of Cambridge 劍橋大學	12/2017
Professor Kin-ming Kwan 關健明教授	The Chinese University of Hong Kong 香港中文大學	3/2020
Prof Hon-ming Lam 林漢明教授	The Chinese University of Hong Kong 香港中文大學	2/2019
Prof Mansun Law 羅傑教授	The Scripps Research Institute 斯克里普斯研究所	12/2017
Prof Andrew Lever 安德魯·萊弗教授	University of Cambridge 劍橋大學	11/2019
Prof Ping-yee Law 羅秉義教授	University of California, Los Angeles 加州大學洛杉磯分校	3/2020
Prof Brendan M. Leung 梁秉文教授	Dalhousie University 戴爾豪斯大學	4/2020
Prof Kenneth Mei-yee Leung 梁美儀教授	City University of Hong Kong 香港城市大學	2/2019
Prof Gang Li 李剛教授	The Chinese University of Hong Kong 香港中文大學	4/2020
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	3/2020
Prof Fanxin Long 龍凡欣教授	Washington University 華盛頓大學	1/2014

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 William Weijia Lu 呂維加教授	The University of Hong Kong 香港大學	12/2018
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 Kevin O'Shaughnessy	University of Cambridge 劍橋大學	11/2019
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 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 Jiangang Shen	The University of Hong Kong 香港大學	1/2020
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 Xiao-fan Wang 王小凡教授	Duke University 杜克大學	12/2019
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 Ferranti 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



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Nieng Yan 顏寧教授	Princeton University 普林斯頓大學	1/2019
Prof Xian-jie Yang	University of California, Los Angeles 加州大學洛杉磯分校	1/2020
Prof Ella Yeung 楊慧教授	The Hong Kong Polytechnic University 香港理工大學	12/2018
Prof Jun Yu 于君教授	The Chinese University of Hong Kong 香港中文大學	11/2019
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 Yuanling Zhang 張元亭教授	City University of Hong Kong 香港城市大學	2/2019
Prof Tao Zhang 張濤教授	Chinese Academy of Sciences 中國科學院	1/2020
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

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Business Studies</b> 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 Rosalie L Tung 董林雪英教授 (Deputy Chairman – Schemes for Individual Research) (副主席－個人研究資助計劃)	Simon Fraser University 西門菲莎大學	11/2018
Prof Ki-Joon Back	University of Houston 休士頓大學	11/2017
Prof Utpal Bhattacharya	The Hong Kong University of Science and Technology 香港科技大學	11/2017
Prof Frank Chen 陳友華教授	City University of Hong Kong 香港城市大學	3/2018
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 Hsing K. Cheng 鄭興教授	University of Florida 佛羅里達大學	11/2019
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	3/2020
Prof Sudipto Dasgupta	The Chinese University of Hong Kong 香港中文大學	11/2017



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Andrew Delios	National University of Singapore 新加坡國立大學	1/2015
Prof David A. Griffith	Texas A&M University 德州農工大學	1/2016
Prof Zhaoyang Gu 顧朝陽教授	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof Dogan Gursoy	Washington State University 華盛頓州立大學	4/2020
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 Tim Woonghee Huh	University of British Columbia 英屬哥倫比亞大學	11/2019
Prof Mingming Leng 冷明明教授	Lingnan University 嶺南大學	4/2019
Prof Haitao Li 李海濤教授	Cheung Kong Graduate School of Business 長江商學院	1/2015
Prof Hongbin Li 李宏彬教授	Stanford University 史丹福大學	11/2018
Prof Hui Liao 廖卉教授	University of Maryland 馬里蘭大學	2/2015
Prof Xiumin Martin	Washington University 華盛頓大學	11/2019
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 Haipeng Shen 沈海鵬教授	The University of Hong Kong 香港大學	2/2019
Prof Peng Sun 孫彭教授	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
Prof James Thong 湯永亮教授	The Hong Kong University of Science and Technology 香港科技大學	1/2015

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 John Wei 魏國強教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
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 Daphne Wing-yee Yiu 姚詠儀教授	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 Harold Huibing Zhang 張慧冰教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	11/2019
Prof Xiaodong Zhu 朱曉冬教授	University of Toronto 多倫多大學	11/2019



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Engineering</b> 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 Gregory P. Carman (Deputy Chairman – Schemes for Individual Research) (副主席－個人研究資助計劃)	University of California, Los Angeles 加州大學洛杉磯分校	1/2017
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 Jian Cao	Northwestern University 西北大學	11/2018
Prof Albert Ping-chuen Chan 陳炳泉教授	The Hong Kong Polytechnic University 香港理工大學	1/2016

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Tung-sun Chan 陳東燊教授	The Hong Kong Polytechnic University 香港理工大學	3/2018
Prof Hsueh-Chia Chang 張學嘉教授	University of Notre Dame 聖母大學	11/2019
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 Nan Chen 陳南教授	The Chinese University of Hong Kong 香港中文大學	2/2020
Prof Yiran Chen 陳怡然教授	Duke University 杜克大學	11/2019
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 Jason Tsan-ming Choi 蔡燦明教授	The Hong Kong Polytechnic University 香港理工大學	2/2020
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 Jintu Fan 范金土教授	The Hong Kong Polytechnic University 香港理工大學	11/2019
Prof Gang Feng 馮剛教授	City University of Hong Kong 香港城市大學	11/2017



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
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 H. Thomas Hahn	University of California, Los Angeles 加州大學洛杉磯分校	11/2019
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
Prof Chennupati Jagadish	Australian National University 澳洲國立大學	12/2014
Prof Heng Ji 季姮教授	University of Illinois at Urbana-Champaign 伊利諾大學厄巴納－香檳分校	11/2019
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 James Lam 林參教授	The University of Hong Kong 香港大學	2/2016
Prof William Hing-keung Lam 林興強教授	The Hong Kong Polytechnic University 香港理工大學	11/2018
Prof Kei-may Lau 劉紀美教授	The Hong Kong University of Science and Technology 香港科技大學	4/2020
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
Prof 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

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Qiusheng Li 李秋勝教授	City University of Hong Kong 香港城市大學	1/2017
Prof Wen-jung Li 李文榮教授	City University of Hong Kong 香港城市大學	11/2017
Prof Yangmin Li 李楊民教授	The Hong Kong Polytechnic University 香港理工大學	11/2019
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	3/2020
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 Muriel Medard	Massachusetts Institute of Technology 麻省理工學院	11/2019
Prof Chris Mi 米春亭教授	San Diego State University 聖地牙哥州立大學	3/2020
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大學	11/2017
Prof Stephen T Newman	University of Bath 巴斯大學	12/2019
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



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Thomas J Overbye	Texas A&M University 德州農工大學	12/2014
Prof Chin Pan 潘欽教授	City University of Hong Kong 香港城市大學	11/2018
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 Geoffrey Qiping Shen 沈岐平教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Wan-chi Siu 蕭允治教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
Prof Steve Wai-ching Sun 孫維正教授	Columbia University 哥倫比亞大學	3/2020
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 Dacheng Tao 陶大程教授	The University of Sydney 悉尼大學	11/2019
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 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 2019/20 附錄 C：委員會／學科小組 2019/20 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 Min Wang 王敏教授	The University of Hong Kong 香港大學	1/2016
Prof Steve Wilcox	University of the Sunshine Coast 陽光海岸大學	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	Peking University 北京大學	2/2019
Prof Jianbin Xu 許建斌教授	The Chinese University of Hong Kong 香港中文大學	11/2019
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 Ben Young 楊立偉教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
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 Lei Zhang 張磊博士	The Hong Kong Polytechnic University 香港理工大學	11/2019
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



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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)
<b>Humanities and Social Sciences</b> 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 Paul Clark (Deputy Chairman – Schemes for Individual Research and Chairman, Humanities and Arts Sub-Panel) (副主席－個人研究資助計劃及 人文學及藝術分組主席)	The University of Auckland 奧克蘭大學	11/2011
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 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 Björn Ahl 伯陽教授	University of Cologne 科隆大學	11/2019
Prof Larry Catá Backer 白軻教授	The Pennsylvania State University 賓夕法尼亞州立大學	12/2018
Prof Michael Berry 白睿文教授	University of California, Los Angeles 加州大學洛杉磯分校	1/2017
Prof Casey Burkholder	University of New Brunswick 紐賓士域大學	11/2019
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉華大學	11/2017

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Ching-sing Chai 蔡敬新教授	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Jennifer Chan	The University of British Columbia 英屬哥倫比亞大學	11/2019
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 Dennis Kat-hung Cheng 鄭吉雄教授	The Education University of Hong Kong 香港教育大學	3/2020
Prof Hin-tat Cheung 張顯達教授	The Education University of Hong Kong 香港教育大學	1/2017
Dr Samuel KW Chu 朱啟華博士	The University of Hong Kong 香港大學	3/2017
Prof Cornelis de Bot	University of Groningen 格羅寧根大學	2/2016
Prof Joseph Dennis 戴思哲教授	University of Wisconsin Madison 威斯康辛大學麥迪遜分校	11/2019
Prof Lucy Dunne	University of Minnesota 明尼蘇達大學	1/2015
Prof Eric A. Feldman 費艾克教授	University of Pennsylvania 賓夕法尼亞大學	11/2019
Prof Ronald Fischer	Victoria University of Wellington 威靈頓維多利亞大學	11/2018
Prof Eric Fong 方偉晶教授	The University of Hong Kong 香港大學	3/2018
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 Samuel M.Y. Ho 何敏賢教授	City University of Hong Kong 香港城市大學	11/2019



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Michelle Ying-ling Huang 黃映玲教授	Lingnan University 嶺南大學	3/2020
Prof Yunte Huang 黃運特教授	Lingnan University 嶺南大學	11/2019
Prof Shirley Suet-lin Hung 洪雪蓮教授	Hong Kong Baptist University 香港浸會大學	12/2019
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 Ilan Katz	University of New South Wales 新南威爾斯大學	12/2019
Prof Gina W.F. Lai 賴蘊寬教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Icy Kit-bing Lee 李潔冰教授	The Chinese University of Hong Kong 香港中文大學	3/2020
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 Sandy S C Li 李兆璋教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Xigen Li 李喜根教授	Shanghai University 上海大學	3/2018
Prof Jeffrey Liew	Texas A & M University 德州農工大學	11/2017
Prof George CS Lin 林初昇教授	The University of Hong Kong 香港大學	3/2018

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Meichun Liu 劉美君教授	City University of Hong Kong 香港城市大學	3/2018
Prof Carlos WH Lo 盧永鴻教授	The Chinese University of Hong Kong 香港中文大學	11/2017
Prof Daniel C Lynch 林丹教授	City University of Hong Kong 香港城市大學	12/2019
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 Toby Miller 托比 • 米勒教授	Loughborough University 拉夫堡大學	11/2019
Prof Franklin Perkins	University of Hawai'i at Mānoa 夏威夷大學馬諾阿分校	12/2017
Prof Douglas Robinson 羅德格教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Shih-Lung Shaw 蕭世倫教授	The University of Tennessee, Knoxville 田納西大學諾克斯維爾分校	11/2019
Prof David Shum 岑浩強教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Winnie WM So 蘇詠梅教授	The Education University of Hong Kong 香港教育大學	3/2018
Prof James A. Steintrager	University of California, Irvine 加利福尼亞大學爾灣分校	11/2018
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



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 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 吳維平教授	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 Lei Zhong 鍾磊教授	The Chinese University of Hong Kong 香港中文大學	11/2019
Prof Hua Zhu 祝華教授	University of London 倫敦大學	11/2017

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Physical Sciences</b> 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 (Deputy Chairman – Schemes for Individual Research) (副主席－個人研究資助計劃)	Khalifa University 哈里發大學	11/2013
Prof Pierre Braunstein	University of Strasbourg 斯特拉斯堡大學	3/2020
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 Guohua Chen 陳國華教授	The Hong Kong Polytechnic University 香港理工大學	1/2015
Prof Wang Ping Chen 陳望平教授	University of Illinois at Urbana-Champaign 伊利諾大學厄巴納－香檳分校	11/2019
Prof Xiaojun Chen 陳小君教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Pauline Chiu 趙寶貽教授	The University of Hong Kong 香港大學	2/2019
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 Nicholas J. Higham	The University of Manchester 曼徹斯特大學	11/2019
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



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Lam Hui 許林教授	Columbia University 哥倫比亞大學	11/2018
Prof Arie Iserles	University of Cambridge 劍橋大學	3/2020
Prof Chi-yung Jim 詹志勇教授	The Education University of Hong Kong 香港教育大學	11/2018
Prof Fuk-ye Kwong 鄺福兒教授	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof Daniel Shu-ping Lau 劉樹平教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
Prof Tai-chu Lau 劉大鑄教授	City University of Hong Kong 香港城市大學	3/2018
Prof Ting-kuo Lee 李定國教授	Academia Sinica 中央研究院	2/2016
Prof Young Hee Lee	Sungkyunkwan University 成均館大學	11/2019
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	City University of Hong Kong 香港城市大學	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 Chengde Mao 毛誠德教授	Purdue University 普渡大學	4/2019
Dr Nga-lee Ng 吳雅莉博士	Georgia Institute of Technology 喬治亞理工學院	3/2020
Prof John R Owen	University of Southampton 南安普敦大學	11/2017
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

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Min Sun 孫敏教授	The University of Hong Kong 香港大學	11/2019
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 Xiaoping Wang 王筱平教授	The Hong Kong University of Science and Technology 香港科技大學	4/2020
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 Teng-fong Wong 黃庭芳教授	The Chinese University of Hong Kong 香港中文大學	3/2020
Prof Zhouping Xin 辛周平教授	The Chinese University of Hong Kong 香港中文大學	11/2018
Prof Vivian W.W. Yam 任詠華教授	The University of Hong Kong 香港大學	11/2019
Prof Yushan Yan 嚴玉山教授	University of Delaware 特拉華大學	1/2015
Prof Tong Yang 楊彤教授	City University of Hong Kong 香港城市大學	11/2019
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 Qiming Zhou 周啟鳴教授	Hong Kong Baptist University 香港浸會大學	3/2018
Prof Jun Zou 鄒軍教授	The Chinese University of Hong Kong 香港中文大學	3/2020



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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) 余劭離教授 (主席)	University of California, San Diego 加州大學聖地牙哥分校	7/2017
Professor Jennifer Adams	Drexel University 德雷塞爾大學	3/2019
Professor Kai-nan An 安介南教授	Mayo Clinic 梅約臨床醫學院	3/2019
Professor Rudolf Bauer	University of Graz 卡爾·弗朗岑斯格拉茨大學	3/2019
Professor David Bellinger	Harvard University 哈佛大學	3/2019
Professor Seth Blackshaw	John Hopkins University School of Medicine 約翰霍普金斯大學	3/2019
Professor Ronaldo I. Borja	Stanford University 史丹福大學	3/2019
Professor L. Catherine Brinson	Duke University 杜克大學	3/2019
Professor Wesley Cantwell	The University of Liverpool 利物浦大學	3/2019
Professor Gregory P. Carman	University of California, Los Angeles 加州大學洛杉磯分校	3/2019
Professor Chin-fei Chen	Harvard University 哈佛大學	3/2019
Professor 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
Professor Ken P Chong 張建平教授	The George Washington University 喬治華盛頓大學	3/2019
Professor 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	3/2019
Professor Yip-wah Chung 鍾業華教授	Northwestern University 西北大學	7/2018
Professor Paul Clark	University of Auckland 奧克蘭大學	7/2014

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
Professor 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
Professor Thomas Efferth	Johannes Gutenberg University 約翰尼斯 • 古騰堡—美茵茲大學	3/2019
Professor Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大學洛杉磯分校	8/2017
Professor James Fawcett	University of Cambridge 劍橋大學	3/2019
Professor Gian Francesco Giudice	The European Organization for Nuclear Research (CERN) 歐洲核子研究組織	3/2019
Professor Xiaohua Gong	University of California, Berkeley 加州大學柏克萊分校	3/2019
Dr Julio C. Guerrero	Exponent, Inc.	3/2019
Professor Xuming He 何旭銘教授	University of Michigan 密芝根大學	3/2019
Professor Zhigang He 何志剛教授	Harvard University 哈佛大學	12/2016
Professor J.J. Po-an Hsieh 謝博安教授	Georgia State University 喬治亞州立大學	3/2019
Professor Grace Yick Hsuan	Drexel University 德雷塞爾大學	3/2019
Professor William N Hunter	University of Dundee 鄧迪大學	3/2019
Professor Arie Iserles	University of Cambridge 劍橋大學	3/2019
Professor Chennupati Jagadish	Australian National University 澳洲國立大學	3/2019
Professor Raymond Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Professor Yibin Kang 康毅濱教授	Princeton University 普林斯頓大學	3/2019
Professor Kay Tee Khaw	University of Cambridge 劍橋大學	3/2019
Professor Mansun Law	The Scripps Research Institute 斯克里普斯研究所	3/2019



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Committee Member 委員會成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Professor Ping-ye Law 羅秉義教授	University of California, Los Angeles 加州大學洛杉磯分校	3/2019
Professor Ting-kuo Lee 李定國教授	Academia Sinica, Taiwan 中央研究院	3/2019
Professor Haitao Li 李海濤教授	Cheung Kong Graduate School of Business 長江商學院	3/2019
Professor Haizhou Li 李海洲教授	National University of Singapore 新加坡國立大學	3/2019
Professor Hongbin Li 李宏彬教授	Stanford University 史丹福大學	3/2019
Professor Fanxin Long 龍範新教授	Washington University 華盛頓大學	3/2019
Professor Sylvie Lorente 洛朗特教授	University of Toulouse 圖盧茲大學	3/2019
Professor Gigi Luk 陸智敏教授	McGill University 麥基爾大學	3/2019
Professor Anita Mak 麥呂瑞華教授	University of Canberra 坎培拉大學	7/2017
Professor Bill Milne 米爾恩教授	University of Cambridge 劍橋大學	9/2017
Professor Anil Netravali 奈特拉瓦利教授	Cornell University 康奈爾大學	3/2019
Professor John R Owen 奧文教授	University of Southampton 南安普敦大學	3/2019
Professor Xiaoqing Pan 潘曉晴教授	University of California – Irvine 加州大學爾灣分校	3/2019
Professor Jian Pei 裴健教授	Simon Fraser University 西門菲沙大學	3/2019
Professor Peter Petraitis 佩特萊蒂斯教授	University of Pennsylvania 賓夕法尼亞大學	3/2019
Professor Ada Poon 潘 Ada 教授	Stanford University 史丹福大學	3/2019
Professor Jonas Rosendahl 羅森達爾教授	University of Halle-Wittenberg 哈雷-維滕貝格大學	3/2019
Professor Jay Siegel 西格爾教授	Tianjin University 天津大學	7/2014
Professor Geoffrey L Smith 史密斯教授	University of Cambridge 劍橋大學	7/2015

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
Professor Richard Strugnell	The University of Melbourne 墨爾本大學	7/2016
Professor David T. Takeuchi	University of Washington 華盛頓大學	3/2019
Professor Hong Tang	Yale University 耶魯大學	3/2019
Professor Christopher Tout	University of Cambridge 劍橋大學	3/2019
Professor Rosalie Tung 董林雪英教授	Simon Fraser University 西門菲莎大學	7/2018
Professor Cun-yu Wang 王春雨教授	University of California, Los Angeles 加州大學洛杉磯分校	3/2019
Professor Da-zhi Wang 王大之教授	Harvard University 哈佛大學	3/2019
Professor Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大學河濱分校	3/2019
Professor Zhiyong Wang 王志勇教授	Stanford University 史丹福大學	3/2019
Professor Dapeng Oliver Wu 吳大鵬教授	University of Florida 佛羅里達大學	3/2019
Professor Cary Yang 楊遠偉教授	Santa Clara University 聖塔克拉拉大學	3/2019
Professor Yuanyuan Yang 楊圓圓教授	Stony Brook University 石溪大學	3/2019
Professor Hongtao Yu	The University of Texas Southwestern Medical Center 德克薩斯大學達拉斯西南醫學中心	3/2019
Professor Tian-cheng Zhang 張天成教授	University of Nebraska-Lincoln at Omaha Campus 內布拉斯加大學	3/2019
Professor Chunfeng Zhao	Mayo Clinic College of Medicine 梅約臨床醫學院	3/2019
Professor Ming-hao Zheng	The University of Western Australia 西澳大學	3/2019



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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
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 James Fawcett	University of Cambridge 劍橋大學	9/2019
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 2019/20 附錄 C：委員會／學科小組 2019/20 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
Prof Sabri Cetin	University of Illinois at Chicago 伊利諾大學芝加哥分校	7/2016
Dr Hon-fai Chan 陳漢輝博士	Cinotech Consultants Limited	8/2019
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加州大學聖地牙哥分校	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 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	9/2019
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 Sylvie Lorente	University of Toulouse 圖盧茲大學	8/2019
Prof Bill Milne	University of Cambridge 劍橋大學	9/2019
Mr Victor Ng 吳國豪先生	Micom Tech Limited	8/2019



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲莎大學	4/2020
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 Hongtau Yu 于洪濤教授	University of Texas 德克薩斯州大學	4/2020
Prof Paul K L Yu 余劼離教授	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 2019/20 附錄 C：委員會／學科小組 2019/20 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
Dr Nim-kwan Cheung 張念坤先生	Alphotronics Limited	1/2020
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
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	Innolink Investments Limited	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 Charles Surya (Ex-officio Member) (當然成員)	Innovation and Technology Commission 創新科技署	2/2020



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 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
Prof William Grabe	Northern Arizona University 北亞利桑那大學	4/2018

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
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 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
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



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 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	Prudue University 普渡大學	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
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

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 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 2019/20 附錄 C：委員會／學科小組 2019/20 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 Esmond Chung-sin Lee, JP (Ex-officio Member) 李忠善先生, JP (當然成員)	Education Bureau, HKSAR Government 香港特別行政區教育局	10/2019

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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	9/2016
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	2/2016
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	3/2016
Prof Julie Juan Li (Subject Convenor (Business Studies)) 李娟教授 (學科召集人(商學))	City University of Hong Kong 香港城市大學	3/2020
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 Chris Kong-chu Wong (Subject Convenor (Biology and Medicine)) 黃港住教授 (學科召集人(生物學及醫學))	Hong Kong Baptist University 香港浸會大學	3/2020
Prof Alan Hoi-shou Chan 陳海壽教授	City University of Hong Kong 香港城市大學	3/2020
Prof Kalok Chan 陳家樂教授	The Chinese University of Hong Kong 香港中文大學	3/2018



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Allan Kit-kwong Chan 陳潔光教授	The Open University of Hong Kong 香港公開大學	3/2018
Prof Ngai-hang Chan 陳毅恆教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Felix Tung-sun Chan 陳東燊教授	The Hong Kong Polytechnic University 香港理工大學	3/2017
Prof Honglin Chen 陳鴻霖教授	The University of Hong Kong 香港大學	3/2015
Prof Christy Mei-kwan Cheung 張美君教授	Hong Kong Baptist University 香港浸會大學	3/2019
Prof Stephen Yiu-wai Chu 朱耀偉教授	The University of Hong Kong 香港大學	3/2017
Prof Cecilia Ka-wai Chun 秦家慧教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Joanne Wai-yee Chung 鍾慧儀教授	The Education University of Hong Kong 香港教育大學	3/2015
Prof David Faure 科大衛教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Sylvia Ying He 何穎教授	The Chinese University of Hong Kong 香港中文大學	3/2020
Prof Kin-fai Ho 何建輝教授	The Chinese University of Hong Kong 香港中文大學	3/2020
Prof Liqiang Huang 黃力強教授	The Chinese University of Hong Kong 香港中文大學	3/2015
Prof Timothy Chi-yui Kwok 郭志銳教授	The Chinese University of Hong Kong 香港中文大學	3/2017
Prof Paul Sau-him Lau 劉修謙教授	The University of Hong Kong 香港大學	3/2020
Prof Joseph Tak-fai Lau 劉德輝教授	The Chinese University of Hong Kong 香港中文大學	3/2017
Prof Barbara Chuen-yee Lo 羅傳意教授	Lingnan University 嶺南大學	3/2020

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Wilson Wei-sheng Lu 呂偉生教授	The University of Hong Kong 香港大學	3/2018
Prof Tony Hong-wing Tam 譚康榮教授	The Chinese University of Hong Kong 香港中文大學	3/2020
Prof King-fai Tam 譚景輝教授	The Chinese University of Hong Kong 香港中文大學	3/2017
Prof Chiu-kay Tang 鄧昭祺教授	Chu Hai College of Higher Education 珠海學院	3/2016
Prof Man-lai Tang 鄧文禮教授	The Hang Seng University of Hong Kong 香港恒生大學	4/2016
Prof Hau-san Wong 黃厚生教授	City University of Hong Kong 香港城市大學	3/2020
Prof Ellick Kin-fai Wong 黃健輝教授	The Hong Kong University of Science and Technology 香港科技大學	3/2015
Prof Raymond Wai-yeung Wong 黃維揚教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
Prof Eugene Yin-cheung Wong 黃彥璋教授	The Hang Seng University of Hong Kong 香港恒生大學	3/2020
Prof Jiang Xu 徐江教授	The Chinese University of Hong Kong 香港中文大學	3/2015
Prof Hong-xing Yang 楊洪興教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
Prof Zhong-ping Yao 姚鍾平教授	The Hong Kong Polytechnic University 香港理工大學	3/2019
Prof Kin-man Yu 余健文教授	City University of Hong Kong 香港城市大學	3/2018
Prof Wayne Weifeng Yu 俞偉峰教授	City University of Hong Kong 香港城市大學	3/2019
Prof Susana Lai-mei Yuen 袁麗薇教授	Caritas Institute of Higher Education 明愛專上學院	3/2020



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Humanities, Social Sciences and Business Studies</b> 人文學、社會科學及商科		
Prof Alister Cumming (Chairman) (主席)	University of Toronto 多倫多大學	12/2018
Prof Naren Barfield	Royal College of Art 皇家藝術學院	12/2018
Prof Jeremy Brown	Simon Fraser University 西門菲莎大學	12/2018
Prof Frank Dikotter	The University of Hong Kong 香港大學	12/2018
Prof Hartmut Haberland	Roskilde University 羅斯基勒大學	12/2018
Prof Arthur Kramer	Northeastern University 東北大學	12/2018
Prof Nancy Law	The University of Hong Kong 香港大學	12/2018
Prof Tai-lok Lui, JP 呂大樂教授, JP	The Education University of Hong Kong 香港教育大學	12/2018
Prof Catherine McBride	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Xin Meng	Australian National University 澳洲國立大學	12/2018
Prof Grace Pownall	Emory University 埃默里大學	12/2018
Prof Douglas Robinson	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Linda Siegel	The University of British Columbia 英屬哥倫比亞大學	12/2018
Prof Stuart Sweeney	University of California, Santa Barbara 加州大學聖塔芭芭拉分校	12/2018

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Maureen Taylor	The University of Tennessee 田納西大學	12/2018
Prof Chung-piaw Teo	National University of Singapore 新加坡國立大學	12/2018
Prof Richard Mark Walker	City University of Hong Kong 香港城市大學	12/2018
Prof John Wei	The Hong Kong Polytechnic University 香港理工大學	12/2018
Prof Sally Wheeler	Australian National University 澳洲國立大學	12/2018
Prof Xiaogang Wu 吳曉剛教授	The Hong Kong University of Science and Technology 香港科技大學	12/2018
Prof Daphne Wing-yee Yiu	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Guobin Zhu	City University of Hong Kong 香港城市大學	12/2018



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Sciences, Medicine, Engineering and Technology</b> 科學、醫學、工程及科技		
Prof Richard Strugnell (Chairman) (主席)	The University of Melbourne 墨爾本大學	12/2018
Prof Angela Casini	Cardiff University 卡迪夫大學	12/2018
Prof Shuk-han Cheng 鄭淑嫻教授	City University of Hong Kong 香港城市大學	12/2018
Prof Siu-wing Cheng 鄭紹榮教授	The Hong Kong University of Science and Technology 香港科技大學	12/2018
Prof Manish Chhowalla	University of Cambridge 劍橋大學	12/2018
Prof Matthis Ebert	Heidelberg University 海德堡大學	12/2018
Prof Amr Elnashai	University of Houston 休士頓大學	12/2018
Prof Brian Ford-Lloyd	University of Birmingham 伯明翰大學	12/2018
Prof Makarand Hastak	Purdue University 普渡大學	12/2018
Prof Jie Huang 黃捷教授	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Judy Jionghua Jin	University of Michigan 密西根大學	12/2018
Prof Francis C.M. Lau 劉重明教授	The Hong Kong Polytechnic University 香港理工大學	12/2018
Prof Baochun Li 李葆春教授	University of Toronto 多倫多大學	12/2018
Prof Hongyu Liu	Hong Kong Baptist University 香港浸會大學	12/2018

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Irene Oi-lin Ng 吳呂愛蓮教授	The University of Hong Kong 香港大學	12/2018
Prof Deb Niemeier	University of California, Davis 加州大學戴維斯分校	12/2018
Prof Laura Poole-Warren	University of New South Wales 新南威爾斯大學	12/2018
Prof Chi-wang Shu	Brown University 布朗大學	12/2018
Prof Jay X Tang	Brown University 布朗大學	12/2018
Prof Dacheng Tao	The University of Sydney 雪梨大學	12/2018
Prof Huating Wang 王華婷教授	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Jianliang Xu	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Xiaoqi Yang 楊曉琪教授	The Hong Kong Polytechnic University 香港理工大學	12/2018
Prof Jianzhen Yu 郁建珍教授	The Hong Kong University of Science and Technology 香港科技大學	12/2018
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Wing-ho Yung 容永豪教授	The Chinese University of Hong Kong 香港中文大學	12/2018
Prof Ruiqin Zhang 周瑞勤教授	City University of Hong Kong 香港城市大學	12/2018
Prof Xiaodong Zhang	The Ohio State University 俄亥俄州立大學	12/2018
Prof Changsong Zhou 周昌松教授	Hong Kong Baptist University 香港浸會大學	12/2018



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 年度成員名單

### RGC Research Fellow Scheme / RGC Senior Research Fellow Scheme

研資局研究學者計劃／研資局高級研究學者計劃

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月／年)
<b>Humanities, Social Sciences and Business Studies Selection Panel</b> 人文學、社會科學及商科遴選小組		
Prof Paul Clark (Chair)	The University of Auckland 奧克蘭大學	1/2020
Prof Larry Catá Backer	The Pennsylvania State University 賓夕法尼亞州立大學	2/2020
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉華大學	2/2020
Prof Andrew Delios	National University of Singapore 新加坡國立大學	2/2020
Prof Wilt Idema 伊維德教授	Harvard University 哈佛大學	2/2020
Prof Zhuo Jing-Schmidt 井茁教授	University of Oregon 俄勒岡大學	2/2020
Prof Raymond Kan 簡文豹教授	University of Toronto 多倫多大學	2/2020
Prof Gigi Luk 陸智敏教授	McGill University 麥基爾大學	2/2020
Prof Anita Mak	University of Canberra 坎培拉大學	2/2020
Prof David Takeuchi	University of Washington 華盛頓大學	2/2020
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲莎大學	2/2020
Prof Nancy Wong	University of Wisconsin-Madison 威斯康星大學麥迪遜分校	2/2020
Prof Mei Zhan	University of California, Irvine 加利福尼亞大學爾灣分校	2/2020

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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)
<b>Science, Technology, Engineering and Mathematics Selection Panel</b> 科學、科技、工程及數學遴選小組		
Prof Adrian Dixon	University of Cambridge 劍橋大學	1/2020
Prof Ying Cheong	University of Southampton 南安普敦大學	2/2020
Prof Thomas Efferth	Johannes Gutenberg University 約翰尼斯•古騰堡—美茵茲大學	2/2020
Prof Gian Francesco Giudice	CERN 歐洲核子研究組織	2/2020
Prof Grace Yick Hsuan	Drexel University 德雷塞爾大學	2/2020
Prof Haizhou Li 李海洲教授	National University of Singapore 新加坡國立大學	2/2020
Prof Yiu-wing Mai 米耀榮教授	The University of Sydney 悉尼大學	2/2020
Prof Bill Milne	University of Cambridge 劍橋大學	2/2020
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大學	2/2020
Prof Jian Pei 裴健教授	Simon Fraser University 西門菲沙大學	2/2020
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷—維滕貝格大學	2/2020
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科學研究所	2/2020
Prof Simon F. B. Tett	The University of Edinburgh 愛丁堡大學	2/2020
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大學河濱分校	2/2020



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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 Yushan Yan 嚴玉山教授	University of Delaware 特拉華大學	2/2020
Prof Yuanyuan Yang 楊圓圓教授	Stony Brook University 石溪大學	2/2020
Prof Zhiliang Ying 應志良教授	Columbia University 哥倫比亞大學	2/2020
Prof Chunfeng Zhao	Mayo Clinic 梅約臨床醫學院	2/2020
Prof Minghao Zheng	The University of Western Australia 西澳大學	2/2020

## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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
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	8/2019



## Appendix C: Committee/Panel Membership 2019/20 附錄 C：委員會／學科小組 2019/20 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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