

香港研究資助局

Research Grants Council
of Hong Kong

2021/22

ANNUAL REPORT



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30 June 2023

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

Dear Tim,

Research Grants Council
Report for 2021/22

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 thirty-first year of the Council's operations. The report will be published on the RGC's website for public accountability.

I should be most 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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雷主席：

研究資助局二零二一至二二年度報告

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，載述本局的第三十一年運作情況。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

二零二三年六月三十日



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Foreword from the Chairman

主席序言



This past year 2021/22 has been another robust and productive one for the Research Grants Council (RGC). 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.

The University Grants Committee announced the results of the Research Assessment Exercise (RAE) 2020 in May 2021. The encouraging results, with 70% of the research submissions rated as “world-leading” or “internationally excellent”, once again highlighted the world-class standing of our universities’ research performance and are testimony to the hard work and commitment of our outstanding researchers’ dedication to excellence over the years.

RGC Highlighted Activities in the 2021/22 academic year

General Research Fund

Over 40% 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 3 014 applications from a wide range of disciplines, we funded a total of \$781 million for 1 054 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 2021/22 academic year, out of 418 applications, 177 projects were funded at a total amount of \$113 million, with seven of them rated “Outstanding”. The applicants of these projects were each granted an honorary title of “The Early Career Award 2021/22”.

對研究資助局(研資局)來說，過去的2021/22年度繼續是有活力的，同時亦是豐盛的一年。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。

大學教育資助委員會於2021年5月公佈「2020年研究評審工作」的結果，70%的研究項目被評為「世界領先」或「國際卓越」水平。這令人鼓舞的結果，再一次彰顯我們大學的研究達國際水平，亦證明我們傑出的研究人員多年來努力不懈，全情投入，務求精益求精。

研資局2021/22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40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3 014份不同學科的申請，其中1 054個研究項目獲得資助，撥款合共7.81億元。

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2021/22學年，研資局共接獲418個申請，其中177個研究項目獲得資助，總額為1.13億元，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「2021/22年度傑出青年學者獎」殊榮。



Foreword from the Chairman 主席序言

Collaborative Research Fund

The Collaborative Research Fund Scheme supports multi-investigator, multi disciplinary projects in order to encourage more research groups to engage in creative and high quality cross-disciplinary/cross-institutional projects. For the 2021/22 exercise, out of 213 applications, 32 research projects were funded at a total amount of \$193 million. Under the Second round one off COVID-19 and NID Research Exercise, the RGC received 115 preliminary group research proposals from a wide range of academic disciplines. 16 research projects were funded at a total amount of \$92.3 million eventually. The projects straddled over social, economic, engineering, business and humanities disciplines.

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 or conferences/workshops. In the 2021/22 academic year, the RGC ran seven 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 2021/22 academic year and \$2.94 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／跨學院研究項目。於2021/22年度，研資局接獲213個申請，其中32個研究項目獲得資助，總額為1.93億元。此外，在第二輪協作研究金2019冠狀病毒病及新型傳染病一次性研究計劃下，研資局共收到115份來自不同學科的初步集體合作研究計劃書。最終有16個研究項目獲得資助，總額為9,230萬元。這些項目跨越社會、經濟、工程、商業和人文學科。

合作研究計劃

研資局分別與內地及其他不同地區資助機構合辦合作研究計劃，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項目、旅程及會議／工作坊提供資助。於2021/22學年，研資局分別與不同地區合辦七個合作研究計劃。

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2021/22學年，九名傑出學者獲得資助，總額為294萬元。



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. There are four research themes, namely “Understanding Diseases and Disease Prevention”, “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.

The Steering Committee on Research Themes and Topics of the RGC completed the second review on research themes and grand challenge topics of TRS in June 2022. Two new grand challenge topics, namely “Quantum Technology” and “Integrated Circuits”, will be added to Theme 4 “Advancing Emerging Research and Innovations Important to Hong Kong” in the 2023/24 (Thirteenth Round) exercise. There will be 20 grand challenge topics under the four themes.

A total of 69 preliminary proposals (including 17 proposals related to coronavirus diseases (COVID-19) and/or other novel infectious diseases (NIDs)) were received in the 2021/22 (Eleventh Round) exercise. After the preliminary selection and a vigorous peer-review process, the RGC allocated \$367 million to support eight projects (including \$100 million for two COVID-19 related projects).

Areas of Excellence Scheme

The Areas of Excellence (AoE) Scheme provides support to the UGC-funded universities to build upon their existing strengths and develop them into areas of excellence. Starting from the 2022/23 (Tenth Round) exercise, the AoE Scheme has become an annual exercise and is repositioned to primarily fund major projects outside the four research themes and grand challenge topics of TRS. The funding parameters have also been synchronised with TRS.

The 2022/23 (Tenth Round) exercise was launched in July 2021. A total of 19 eligible preliminary proposals were received, seeking grants of \$1.6 billion. Results of the exercise will be announced in July 2022.

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。計劃共有四個研究主題，名為「剖析疾病及疾病預防」、「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」。

研資局轄下的研究主題及題目督導委員會就研究主題及重大挑戰題目於2022年6月完成第二次檢討。由2023/24年(第十三輪)計劃起，主題四「促進對香港起重要作用的新興研究及創新項目」將增設兩個重大挑戰題目，即「量子技術」及「集成電路」。屆時四個研究主題下將設有20個重大挑戰題目。

研資局在2021/22年(第十一輪)計劃共收到69份初步研究建議書(包括17份與2019冠狀病毒病及其他新型傳染病相關研究的建議書)。經過篩選及嚴格的學者評審後，研資局撥款3.67億元，資助共八個研究項目(包括1億元資助兩個與2019冠狀病毒病相關的項目)。

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。由2022/23年(第十輪)計劃起，卓越學科領域計劃會每年舉辦一次及已重新定位，以資助主題研究計劃四個研究主題及重大挑戰題目範圍以外的大型研究項目為主。兩個計劃的資助模式也已劃一。

2022/23年(第十輪)計劃於2021年7月展開。研資局共收到19份合資格初步建議書，申請金額約16億元。撥款結果將於2022年7月公佈。



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

The RGC first launched three research funding schemes for the local self-financing degree sector in 2013. They are the Faculty Development Scheme, the Inter-Institutional Development Scheme and the Institutional Development Scheme (IDS). The IDS was branched out into two grants, namely the “Research Infrastructure Grant” and the “Collaborative Research Grant”.

The RGC received 287 applications in the Eighth Round exercise and funded a total of \$64.8 million for 71 research projects. The results of the Eighth Round exercise were announced in September 2021. Following the completion of the Eighth Round exercise, the Ninth Round exercise started in November 2021. The results of the exercise will be announced in September 2022.

Research Impact Fund

The Research Impact Fund 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 2021/22 exercise, out of 128 applications, 12 research projects were funded at a total amount of \$75 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 twelve rounds of exercise, 2 522 candidates from more than 94 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 2021/22 academic year are \$26,900 and \$13,500 respectively.

In light of the very good quality of the HKPFS graduates, the number of fellowship places of the HKPFS was increased from 250 to 300 for the Twelfth Round (for 2021/22 intake) and subsequent exercises.

本地自資學位界別競逐研究資助計劃

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。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」。

研資局在第八輪計劃共收到287份申請，其中71個研究項目獲得資助，撥款合共6,480萬元。申請撥款結果已於2021年9月公佈。隨著第八輪計劃的結束，第九輪計劃在2021年11月展開，申請結果將於2022年9月公佈。

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2021/22年度，研資局收到128個申請，當中12個研究項目獲得資助，總額為7,500萬元。

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。在首十二屆計劃中，有2 522名來自超過94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。2021/22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2.69萬和1.35萬元。

由於獎學金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已由250個增加至300個。



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 2021/22 academic year, 1 800 students benefited from the scheme and the total tuition waived was about \$70 million.

Research Matching Grant Scheme

Since the launch of the Research Matching Grant Scheme on 1 August 2019, eleven processing cycles have been completed. All the eight UGC-funded universities and 11 of the 13 local self-financing degree-awarding institutions have submitted applications for matching grant under the Scheme. Donations/sponsorships/research contracts applied for matching amounted to about \$3.82 billion in total. Matching grants at a cumulative amount of \$2.18 billion have been disbursed to 19 universities and institutions. So far, one university has reached the matching ceiling of \$500 million, and six universities and three institutions have reached the matching floor of \$50 million. After completion of the eleventh processing cycle, the remaining balance available for application by universities and institutions for matching stood at about \$0.82 billion.

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 of the third exercise (2022/23) have been notified of their attainment of the award in April 2022. 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 \$406,550.

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2021/22學年，1 800名學生受惠，豁免的學費總額約7,000萬元。

研究配對補助金計劃

自研究配對補助金計劃於2019年8月1日開展以來，計劃現已完成十一個申請期；八間教資會資助大學及13間本地自資學位頒授院校中的11間均有遞交申請，配對的申請已涉及共約38.2億元捐款／贊助／研究合約。19間大學／院校已累積獲發放共21.8億元配對補助金。目前有一間大學已獲發放5億元「預設上限」的配對補助金，並已有六間大學及三間院校獲取超過5,000萬元「最低款額」的配對補助金。第十一個申請期結束後，可供大學／院校繼續申請的配對補助金餘額約有8.2億元。

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。第三屆(2022/23)的50名獲獎者已於2022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406,550元。



Foreword from the Chairman 主席序言

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 Associate Professor rank and full Professor rank at UGC-funded universities, with a view to facilitating their full dedication to research and development, and nurturing the next generation of researchers for Hong Kong. The third RFS and SRFS exercise (2022/23) has been completed. As endorsed by the RGC in June 2022, there are 10 RFS and 10 SRFS awardees in the third cohort. They will be supported with a fellowship grant covering a period of 60 months at around \$5.2 million (for RFS) and \$7.8 million (for SRFS) respectively. The total allocation of the two schemes in the third exercise amounts to around \$130 million.

RGC Public Lectures

To share the research findings with the community, researchers of RGC funded projects have been invited to deliver public lectures since April 2009. In the 2021/22 academic year, the RGC jointly held eight RGC Public Lectures on “Public Health and Community”, “Human Evolution – Language and Agriculture”, “Science and Technology – Shaping of Life” and “Bringing Well-being to Life” with the Hong Kong Science Museum and the Hong Kong Central Library respectively. Public participation has been enthusiastic.

RGC’s Strategic Initiatives

In late 2019, the RGC completed the second phase of the RGC Review and formulated a series of recommendations, 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.

Good progress has been made on most of the key tasks, including the launch of a new RGC website, the completion of the review on the RGC documents and external reviewer database, the consultation with universities to set up an approval mechanism to ensure the ethical standards of research conduct involving artefacts, and the formulation of an open access plan.

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(RFS)及研資局高級研究學者計劃(SRFS)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，並為香港培育下一代研究人員。第三屆RFS及SRFS計劃(2022/23)的得獎名單已於2022年6月獲研資局通過。兩項計劃第三屆各有十名獲獎者，每名獲發放為期60個月的津貼，金額分別約為520萬元(RFS)及780萬元(SRFS)。兩項計劃第三屆的資助總額約為1.3億元。

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2021/22學年分別與香港科學館及香港中央圖書館合辦共八場公眾講座，以「公眾健康」、「人類的演化——言語及農業」、「科學與科技——生命的塑造」及「共建自在生活」為題。市民反應熱烈。

研資局的策略計劃

研資局早於2019年底完成第二階段檢討工作，並制訂行動計劃落實一系列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，以及不當學術行為的建議。

大部分主要措施的跟進工作進度理想，包括推出新研資局網站、完成有關研資局文件及外部評審員資料庫的檢討工作、經研資局諮詢後大學將設立審核機制以確保涉及文物之研究行為的操守水平，以及制定新的開放取用計劃。

Foreword from the Chairman 主席序言



The RGC is proactively working on the remaining recommendations, which include continuing to enhance communication with the research community and launch more engagement activities, as well as developing a new electronic submission and processing system to enhance the efficiency of the Secretariat in handling applications and relevant documents in respect of various RGC funding schemes.

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 on the recommendation of the Task Force on Review of Research Policy and Funding. Comprising representatives from the Administration Wing, Chief Secretary for Administration's Office, the Education Bureau, the Environmental Protection Department, the Health Bureau, the Innovation and Technology Commission, as well as the UGC Secretariat, the Liaison Group meets 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 has implemented 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. The technical solution has been deployed for checking applications on duplication of funding since March 2021. The Hong Kong Research Portal, which aims to provide more comprehensive information on Hong Kong's research landscape and raise public awareness of the contribution made by the local research community, was fully launched in January 2022.

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 2021/22.

A handwritten signature in black ink, appearing to read 'Yuk-shan Wong'.

Professor Yuk-shan Wong, SBS, JP
Chairman

研資局正積極跟進餘下建議，包括繼續加強與研究界別溝通和增加界別參與的活動、開發新電子資料呈交及處理系統，以提升秘書處處理研資局各項資助計劃的申請及文件的工作效率等。

為加強政府研究資助機構之間的協調，政府根據檢討研究政策及資助專責小組的建議，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，聯絡小組由政務司司長辦公室轄下行政署、教育局、環境保護署、醫務衛生局、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，並按需要召開會議，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，教資會秘書處已開展三項協調措施，包括以技術方案打擊重複資助申請、協調各資助機構的開放取用政策，以及建立網站以闡述政府有關研究的政策和資助。技術方案發展已於2021年3月開始推行，以找出懷疑重複的資助申請。而「香港研究一站通」亦於2022年1月全面啟用；網站旨在於香港研究領域的各方面，為公眾提供更全面的資訊，並讓公眾對本地研究界所作的貢獻，有更深入的認識。

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2021/22年報》。

A handwritten signature in black ink, appearing to read 'Yuk-shan Wong'.

主席
黃玉山教授, SBS, JP



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 semi-autonomous advisory body operating under the aegis of the University Grants Committee (UGC). It was formally established on 1 January 1991.

The RGC's members are appointed by the Chief Executive^{Note} of the Hong Kong Special Administrative Region (HKSAR) and comprise local, Mainland and overseas academics, local academics and local lay persons. All members are appointed on an ad personam basis. The RGC's membership for 2021/22 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)轄下的半獨立諮詢組織，於1991年1月1日成立。

研資局的成員由香港特別行政區行政長官委任^註，包括本地、內地及海外學者，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2021/22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。

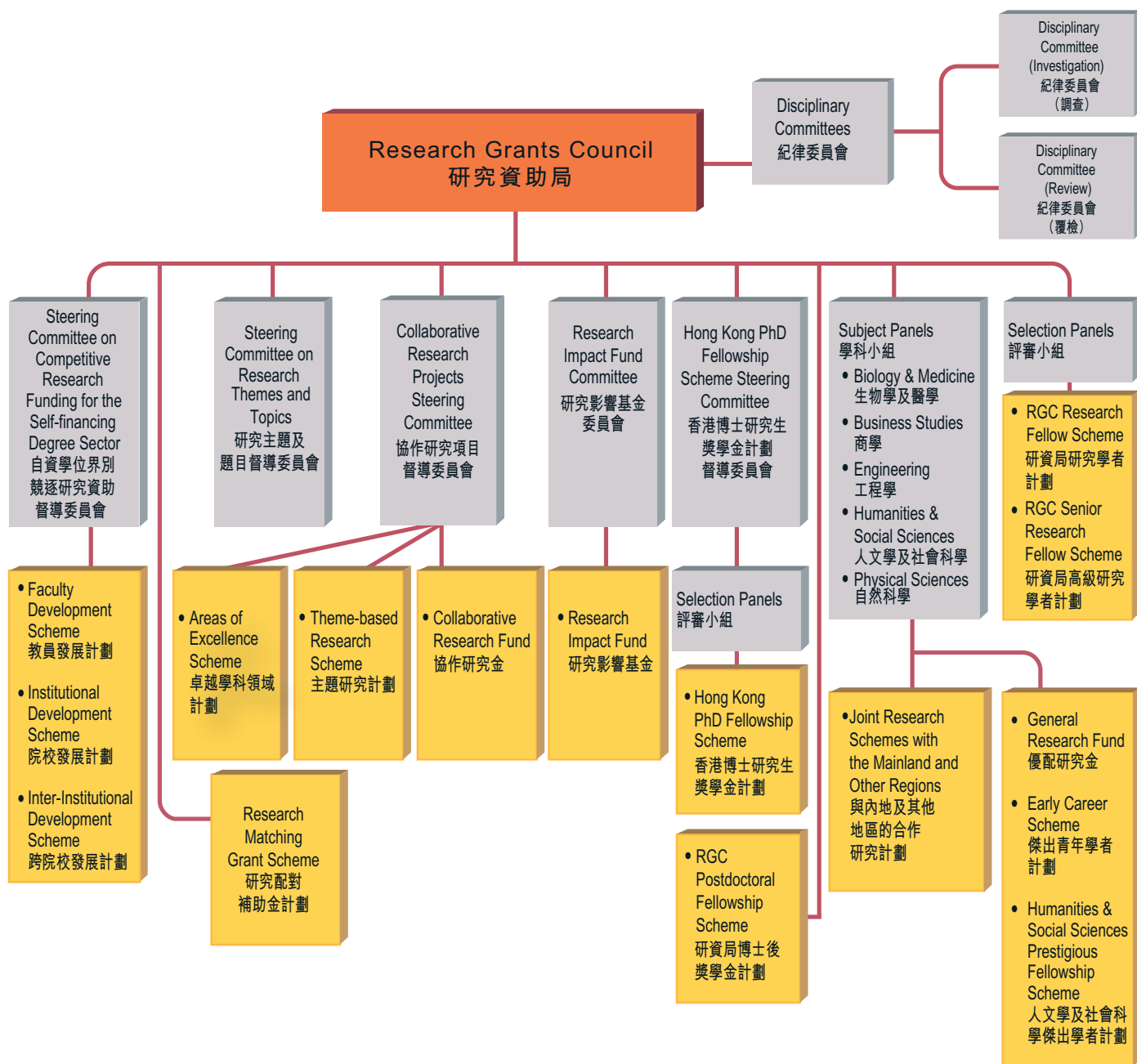
註 香港特別行政區行政長官授權教育局局長委任研資局的成員。

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"> • General Research Fund 優配研究金 • Early Career Scheme 傑出青年學者計劃 	<ul style="list-style-type: none"> • Collaborative Research Fund 協作研究金 • Research Impact Fund 研究影響基金 • Theme-based Research Scheme 主題研究計劃 • Areas of Excellence Scheme 卓越學科領域計劃 	<ul style="list-style-type: none"> • Humanities & Social Science Prestigious Fellowship Scheme 人文學及社會科學傑出學者計劃 • Hong Kong PhD Fellowship Scheme 香港博士研究生獎學金計劃 • RGC Postdoctoral Fellowship Scheme 研資局博士後獎學金計劃 • RGC Research Fellow Scheme 研資局研究學者計劃 • RGC Senior Research Fellow Scheme 研資局高級研究學者計劃
<h3>Joint Research 合作研究</h3> <ul style="list-style-type: none"> • National Natural Science Foundation of China (NSFC) / RGC Joint Research Scheme 國家自然科學基金委員會及香港研究資助局聯合科研資助基金 • National Natural Science Foundation of China (NSFC) / RGC Collaborative Research Scheme 國家自然科學基金委員會及香港研究資助局合作研究重點項目計劃 • The French National Research Agency / RGC Joint Research Scheme 法國國家科研署與香港研究資助局合作研究計劃 • European Union (EU)-Hong Kong Research and Innovation Cooperation 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 • Germany / Hong Kong Joint Research Scheme 德國與香港合作研究計劃 • PROCORE — France / Hong Kong Joint Research Scheme 法國與香港合作研究計劃 • Healthy Longevity Catalyst Awards (Hong Kong) 健康長壽催化創新獎(香港) 		<h3>Schemes for Local Self-financing Degree Sector 本地自資學位界別競逐研究資助</h3> <ul style="list-style-type: none"> • Faculty Development Scheme 教員發展計劃 • Inter-Institutional Development Scheme 跨院校發展計劃 • Institutional Development Scheme 院校發展計劃
		<h3>Others 其他</h3> <ul style="list-style-type: none"> • Research Matching Grant Scheme 研究配對補助金計劃

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 Areas of Excellence Scheme, the Theme-based Research Scheme and the RGC Research Fellow Scheme/RGC Senior Research Fellow 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 and the Research Impact Fund; and a preliminary consideration of new applications under the Areas of Excellence Scheme and 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.

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、卓越學科領域計劃、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。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，以及協作研究金及研究影響基金的撥款建議，並對卓越學科領域計劃及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，推薦應獲得撥款的項目。



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

Collaborative Research Projects Steering Committee

The Collaborative Research Projects Steering Committee was established in June 2021 to oversee the Areas of Excellence Scheme, the Collaborative Research Fund and the Theme-based Research Scheme. The terms of reference of the Steering Committee are as follows:

- (a) To report and give advice to the RGC on the three schemes;
- (b) To recommend funding decisions on the three schemes to the RGC;
- (c) To apportion the additional apportionable budget for strategic allocations to the three schemes; and
- (d) To monitor approved projects of the three schemes.

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 Committee was established in 2018 and is responsible for selecting proposals for funding support under the Research Impact Fund and monitoring the funded projects.

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

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

協作研究項目督導委員會

協作研究項目督導委員會於2021年6月成立，負責監督卓越學科領域計劃、協作研究金及主題研究計劃。督導委員會的職權範圍如下：

- (一) 就三個研究計劃向研資局作出匯報及提供意見；
- (二) 就三個研究計劃的撥款決定向研資局提供建議；
- (三) 策略性分配額外資助金額予三個研究計劃；以及
- (四) 監察三個研究計劃的獲資助項目。

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重大挑戰題目提供意見。

研究影響基金委員會

研究影響基金委員會於2018年成立，負責評審研究影響基金申請建議書，並監察獲資助的項目。

自資學位界別競逐研究資助督導委員會

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

香港博士研究生獎學金計劃 督導委員會

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.

香港博士研究生獎學金計劃督導委員會成立的目的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。

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 (H-Panel)
- Sciences, Medicine, Engineering and Technology (S-Panel)

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)
- Sciences, Medicine, Engineering and Technology (S-Panel)

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

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(H小組)
- 科學、醫學、工程及科技(S小組)

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。



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

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 (Review) (formerly named as DC (Appeal)), to handle cases of alleged research misconduct and review 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 (Review) handles review cases if they arise and gives advice to the RGC on policies and procedures in handling review cases.

Membership details of various RGC committees/panels for 2021/22 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(覆檢)(前稱紀律委員會(上訴))，以處理涉嫌不當研究行為和覆檢的個案。

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(覆檢)就處理可能出現的覆檢個案，並就處理覆檢個案的政策及調查程序向研資局提供意見。

2021/22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 \$20-billion injection has been officially placed with the Hong Kong Monetary Authority (HKMA) in September 2019, increasing the size of REF to \$46 billion. 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.

The grants/schemes supported by the investment income of REF include the following:

Earmarked Research Grants

The Earmarked Research Grants is the main form of support for the academic research projects and activities 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 2021/22 academic year, the RGC allocated about \$1,145 million for the Earmarked Research Grants.

Theme-based Research Scheme

The Theme-based Research Scheme supports research 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460億元。從注資所賺取的投資收入會用作(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。

由研究基金中賺取的投資收益資助的補助金／計劃如下：

研究用途補助金

研究用途補助金是研資局向本地八所受教資會資助大學發放以進行學術研究項目及活動的主要資金，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2021/22學年，經研資局所分配的研究用途補助金總額約為11.5億元。

主題研究計劃

主題研究計劃資助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

Non-means-tested tuition waiver is provided for all local students enrolled in UGC-funded RPg programmes 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

Three schemes namely the Faculty Development Scheme, the Inter-Institutional Development Scheme and the Institutional Development Scheme support the development of the research capacity of the local self-financing degree sector.

Research Impact Fund

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

UGC Funds

Areas of Excellence Scheme

The Areas of Excellence (AoE) 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 administered by the RGC. Starting from the 2022/23 (Tenth Round) exercise, in addition to the funding of \$100 million per annum provided by the UGC, a further budget of \$50 million per year will be deployed from the REF to support the AoE Scheme.

本地研究生學費豁免計劃

現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

名為教員發展計劃、跨院校發展計劃及院校發展計劃的三個計劃資助發展本地自資學位界別的研究能力。

研究影響基金

研究影響基金於2018年展開，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

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教資會資助大學在研究方面的現有優勢，並使其發展為卓越學科領域。計劃由研資局負責管理。由2022/23年(第十輪)計劃起，除教資會每年提供的1億元撥款外，研資局亦會從研究基金每年額外撥款5千萬元以支持計劃。



Hong Kong PhD Fellowship Scheme

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

The Fellowship provides a monthly stipend and an annual conference and research related travel allowance for the awardees for a period of three years. The amounts of monthly stipend and annual travel allowance for 2021/22 academic year are \$26,900 and \$13,500 respectively. Thereafter, such amount will be adjusted annually before the start of academic year.

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, so as to nurture and expand a pool of research talent with a view to propelling research and development in Hong Kong and fostering a research culture.

The PDFS provides support to awardees for a period of 36 months in terms of full-time appointment as a postdoctoral fellow 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.

香港博士研究生獎學金計劃

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

獎學金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2021/22學年，每月津貼及每年交通津貼分別為2.69及1.35萬元，有關的津貼水平會於每學年初進行調整。

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，以培育及擴大研究人才庫，支持香港推動研發及培養研究文化。

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 Associate Professor rank and full Professor rank at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development, and nurturing the next generation of researchers for Hong Kong.

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.

Research Matching Grant Scheme

With the funding approval of \$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. The RMGS aims 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.

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，並為香港培育下一代研究人員。

兩項計劃每年頒發獎項，發放為期60個月的津貼，資助副教授級和教授級的獲獎者，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。

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30億元，研究配對補助金計劃已於2019年8月1日起公開接受申請。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。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逐期處理。

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 2021/22 academic year, the total funding available for the Earmarked Research Grants was about \$1.15 billion.

2021/22學年研究用途補助金總額約為11.5億元。

Allocation of the Earmarked Research Grants: 2021/22 Academic Year

2021/22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：

- \$781 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.
- 7.81億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

- \$115 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.
- \$180 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.
- \$50 million reserved for the Joint Research Schemes established with other regions.
- \$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.
- \$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.
- 1.15億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。
- 1.80億元撥作協作研究金，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。
- 5,000萬元撥款，供與其他地區合辦的合作研究計劃之用。
- 1,000萬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。
- 80萬元撥作支持研究生進行跨院校及跨學科的交流活動，以及與海外學者會面及交流。



HIGHLIGHTS
提要

In the 2021/22 academic year, the total General Research Fund allocation was \$781 million, supporting 1 054 projects. As at 30 June 2022, the number of on-going projects is 4 291.

在 2021/22 學年，優配研究金撥款總額達 7.81 億元，資助研究項目達 1 054 個。截至 2022 年 6 月 30 日，4 291 個資助研究項目仍在進行中。

General Research Fund

Altogether, 3 014 proposals across a wide range of subject disciplines were received under the General Research Fund exercise, seeking grants totaling \$2.93 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 \$781 million to support 1 054 projects with an average grant of about \$0.74 million in the 2021/22 academic year. The overall success rate is 35%.

Allocation of the General Research Fund for the 2021/22 academic year by broad subject category is summarised in Chart 3.1.

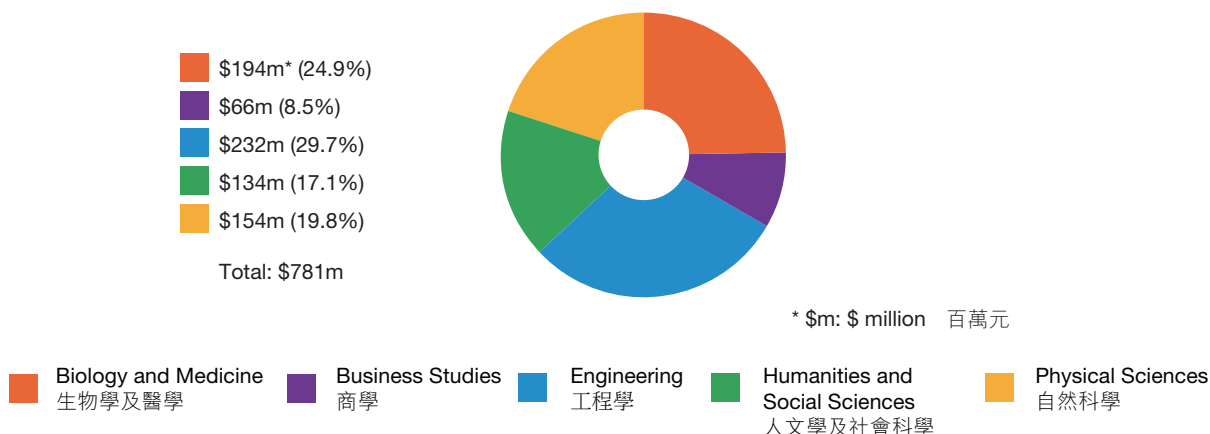
優配研究金

是年度向研資局申請優配研究金的研究項目共 3 014 個，研究範圍廣泛，申請金額達 29.3 億元。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 2021/22 學年撥出 7.81 億元予 1 054 個研究項目，平均每項項目約獲撥款 74 萬元，整體成功率為 35%。

表 3.1 列出 2021/22 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 2021/22 Academic Year
表 3.1 : 2021/22 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 \$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 \$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元的津貼。大學亦已同意提供與研資局相等份額的撥款，令更多本科生受惠。



HIGHLIGHTS
提要

In the 2021/22 academic year, the total Early Career Scheme allocation approved was \$113 million supporting 177 projects. As at 30 June 2022, the number of on-going projects is 669.

在2021/22學年，傑出青年學者計劃撥款總額約1.13億元，資助研究項目達177個。截至2022年6月30日，669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 418 proposals were received under the Early Career Scheme, seeking grants totaling \$333 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 \$113 million to support 177 projects with an average grant of about \$0.64 million in the 2021/22 academic year. The overall success rate is 42%.

Allocation of the Early Career Scheme for the 2021/22 academic year by broad subject category is summarised in Chart 3.2.

傑出青年學者計劃

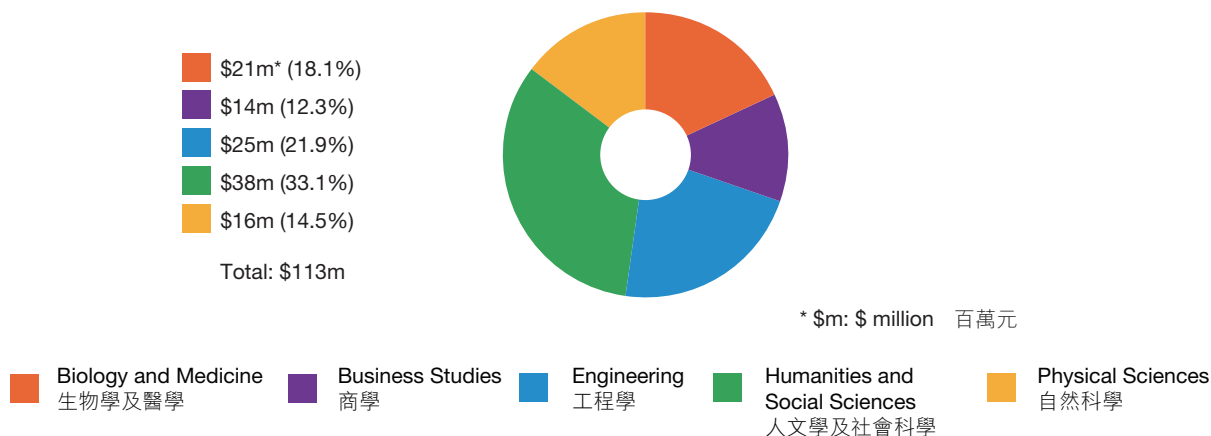
傑出青年學者計劃的目的旨在培育新進的青年學者。

傑出青年學者計劃接獲研究項目申請共418個，申請金額達3.33億元。與優配研究金的申請相同，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2021/22學年撥出1.13億元予177個研究項目，平均每個項目約獲撥款64萬元。整體成功率為42%。

表3.2列出2021/22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 2021/22 Academic Year
表 3.2 : 2021/22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。



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

HIGHLIGHTS 提要

In the 2021/22 academic year, the Collaborative Research Fund awarded a total amount of \$285.3 million for 48 projects, including 16 projects amounting to \$92.3 million supported under the Second round oneoff COVID-19 and NID Research Exercise. As at 30 June 2022, the number of on-going projects is 138.

在2021/22學年，協作研究金資助總額為2.853億元，資助研究項目達48個，當中包括第二輪協作研究金2019冠狀病毒病及新型傳染病一次性研究計劃下，16個獲資助共9,230萬元的集體研究項目。截至2022年6月30日，138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 group research activities that operate across disciplines and/or normal institutional boundaries, or the procurement of major research facilities and/or equipment or library collections to support collaborative research.

The CRF exercise adopts a two-stage application process consisting of submission of preliminary and full proposals. In the 2021/22 academic year, the RGC received a total of 213 preliminary proposals, consisting of 183 group research applications and 30 equipment bids, seeking grants totaling \$1,272 million and \$168 million respectively.

After a peer review process and interviews of selected research teams by the Collaborative Research Fund Selection Panel (CRFSP), 32 full proposals were eventually funded at a total amount of \$193 million.

Under the Second round oneoff COVID-19 and NID Research Exercise, 115 preliminary group research proposals from a wide range of academic disciplines were received. Eventually, 16 were funded at a total amount of \$92.3 million, with six of them under the biology and medicine disciplines, three under business studies and humanities & social sciences and seven under engineering & physical sciences.

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

Due to the pandemic, CRF Symposium for funded projects in the CRF 2019/20 exercise was changed to progress review meetings with project teams in virtual settings in March 2022. 15 ongoing projects funded in the 2019/20 academic year presented their mid-term research progress to the CRF Selection Panel in the meetings.

協作研究金

協作研究金向教資會資助大學提供資助，讓大學進行跨學科及／或跨院校而具協作性的集體研究工作，或購置大型研究設備、儀器或圖書館資料以進行協作研究。

協作研究金計劃採用兩個階段的申請程序，包括提交初步及正式研究計劃書。研資局於2021/22學年共接獲213份初步計劃書，包括183項資助集體合作研究的申請及30份購置器材的申請，申請資助額分別為12.72億元及1.68億元。

經過學者評審及協作研究金評審小組與個別研究隊伍會面後，研資局落實資助其中32項申請，資助總額為1.93億元。

此外，第二輪協作研究金2019冠狀病毒病及新型傳染病一次性研究計劃共收到115份來自不同學科的初步集體合作研究計劃書，最終有16個研究項目獲得資助，資助總額為9,230萬元，包括六個關於生物學及醫學、三個關於商業、人文科學及社會科學，以及七個關於工程學及自然科學的研究項目。

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。

受疫情影響，協作研究金資助項目研討會改作進度檢討會議，並於2022年3月以視像會議形式進行。在會議中，15個於2019/20學年獲資助的研究項目向協作研究金評審小組匯報項目的進度。



HIGHLIGHTS 提要

In the 2021/22 academic year, the total Joint Research Schemes allocation was \$49.8 million for the Joint Research Schemes with different regions supporting 59 joint projects. As at 30 June 2022, the number of on-going projects is 216.

在2021/22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4,980萬元，共資助59個研究合作項目。截至2022年6月30日，216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**

The NSFC/RGC Joint Research Scheme was launched in November 1998. The scheme aims to promote collaboration in research between researchers/research teams in the Mainland and Hong Kong, 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 2021/22 academic year, a total of 256 eligible preliminary research proposals and one application for conference grants were received, seeking a total of \$309 million of RGC grants. After shortlisting, and in consultation with the NSFC, 108 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 NSFC and the RGC, 30 research proposals were selected for funding support at a total amount of \$34.75 million. Moreover, one conference proposal was funded by the RGC at \$247,900.

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究資助局聯合科研資助基金**

國家自然科學基金委員會及研資局聯合科研資助基金於1998年11月成立。此計劃旨在促進內地與香港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。六個重點資助領域為：

- 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

此計劃資助研究的實際開支，包括交通及生活費。計劃於2021/22學年內共收到256份合資格的初步研究建議書以及一個會議項目的申請，申請金額約3.09億元。經國家自然科學基金委員會與研資局的甄選，108個研究項目申請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雙方專家共同組成的聯合甄選委員會詳細討論，決定對30個研究項目提供資助，資助總額為3,475萬元。另外，研資局亦資助了一個會議項目，資助額為247,900元。



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

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

The NSFC / RGC Collaborative Research Scheme was launched in December 2021. The scheme aims to support larger-scale collaborative research across disciplines and / or across universities in the Mainland and Hong Kong, with a view to enhancing research output and impact on both sides. The six focus areas are the same as those under the NSFC / RGC Joint Research Scheme.

The scheme provides funding to support actual expenses, inclusive of passage and subsistence. The RGC has reserved an amount of \$36 million for the Hong Kong applicants in the first exercise (i.e. 2022/23 academic year). Around ten projects will be supported. The assessment process consists of peer review and discussions by the Joint Selection Committee comprising experts from both the NSFC and the RGC. Results of the first exercise will be announced in late 2022.

- **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 2021/22 academic year, 29 eligible applications were received, seeking total RGC grants of \$76.4 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 \$8.49 million.

- **國家自然科學基金委員會及香港研究資助局合作研究重點項目計劃**

國家自然科學基金委員會及研資局合作研究重點項目計劃於2021年12月成立。此計劃旨在資助內地及香港跨學科、跨院校的合作研究重點項目，以持續提升內地與香港的研究成果與影響力。六個重點資助領域與聯合科研資助基金相同。

此計劃資助研究的實際開支，包括交通及生活費。研資局已為2022/23學年第一輪計劃預留3,600萬元，供合作研究重點項目計劃的香港申請者申請。約十個項目將獲得資助。評審過程包括學者評審及經國家自然科學基金委員會與研資局雙方專家共同組成的聯合甄選委員會詳細討論。資助結果將於2022年年底公布。

- **法國國家科研署與香港研究資助局合作研究計劃**

本計劃於2012/13學年推出，旨在進一步加強法國與香港的科研人員就兩地有共同興趣領域上的合作。

在2021/22年度，研資局共收到29份合資格的申請，申請金額約7,640萬元。經學者評審及法國國家科研署與研資局的嚴格甄選後，選出三份申請批予資助。研資局合共批出849萬元。

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



- **European Union (EU)-Hong Kong Research and Innovation Cooperation 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 EU'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.

In the 2021/22 academic year, the last round of exercise under the collaboration agreement with EU's "Horizon 2020" was held. 4 applications were received, seeking about \$10 million of RGC grants. Two applications were supported with total RGC grants of \$4.5 million. RGC is liaising with EU on the continuation of collaboration under EU's "Horizon Europe".

- **Healthy Longevity Catalyst Awards (Hong Kong)**

The RGC has collaborated with the National Academy of Medicine (NAM) of the United States for the Healthy Longevity Catalyst Awards (Hong Kong) (HLCA (HK)). Being part of the Healthy Longevity Global Competition (the Competition) at its Catalyst Phase, HLCA (HK) aims to call for bold and innovative ideas from any discipline that have the potential to extend the human healthspan. Ideas could focus on early-, mid-, or late-life, as long as it ultimately promotes health as people age.

The RGC will offer ten Catalyst Awards in the HLCA (HK) 2022. Each award includes a US\$50,000 (approx. \$389,000) cash prize at a maximum and travel subsidies (\$30,000 per person; max. 6 persons per team) for awarded teams to attend an Innovator Summit, which will be organised by the NAM.

- **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，前稱「歐洲委員會與香港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，以及工程學及自然科學學科)及交流項目(適用於所有學科)的申請。

於2021/22學年，研資局進行了歐盟「地平線2020」框架下的合作協議的最後一輪計劃。計劃共收到四份申請，申請金額約1,000萬元。最終兩份申請獲批資助，資助總額為450萬元。研資局正與歐盟進行磋商，探討在「歐洲地平線」框架下繼續合辦資助計劃。

- **健康長壽催化創新獎(香港)**

研資局與美國國家醫學院合作舉辦健康長壽催化創新獎(香港)。作為健康長壽大挑戰計劃(下稱「計劃」)中的催化創新階段部分，健康長壽催化創新獎(香港)旨在支持在任何學科領域中有可能延長人類健康壽命的大膽創新想法，包括改善任何年齡層健康狀況的研究項目。

在2022年，研資局為健康長壽催化創新獎(香港)提供十個獎項，每位得獎者可獲得最高5萬美元(約38.9萬元)的研究經費。研資局亦將為獲獎的研究團隊提供津貼(以每隊最多六人及每人3萬元為上限)，以資助團隊成員出席由美國國家醫學院舉辦的創新高峰會。



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 2021/22 academic year, 22 applications covering a wide range of subjects were received, seeking about \$1.59 million of RGC grants. Experts from both Hong Kong and Germany jointly selected 15 research proposals for about \$1.2 million of 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 2021/22 academic year, a total of 18 applications were received. Among these applications, 17 were travel grant requests and one was conference/workshop grants application. The total amount of RGC grants sought was about \$1.33 million.

Of these, 8 applications including 7 travel grants and one conference/workshop grant were approved, with about \$0.65 million of 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，讓兩地的研究人員進行互訪，商討及研究。此計劃每年進行一次遴選。

在2021/22學年，雙方共接獲的申請有22份，涵蓋學科甚為廣泛，申請金額約159萬元。本港及德國的學者最終共同選出15份申請予以資助，研資局給予的資助金額約120萬元。

- **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。

在2021/22學年，雙方共接獲18份申請，其中17份是旅費補助金申請，其餘一份是會議／工作坊補助金申請。申請金額約133萬元。

在上述申請中，共有8份申請獲得撥款，其中7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65萬元。



HIGHLIGHTS
提要

In the 2021/22 academic year, \$2.94 million was awarded to support nine prestigious investigators under the Humanities and Social Sciences Prestigious Fellowship Scheme. As at 30 June 2022, the number of on-going projects is 28.

在 2021/22 學年，人文學及社會科學傑出學者計劃撥出 294 萬元資助九名傑出學者。截至 2022 年 6 月 30 日，28 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 \$2.94 million to support nine prestigious investigators with an average fellowship of about \$0.33 million in the 2021/22 academic year. The overall success rate is 38%.

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 2021/22 學年撥出 294 萬元資助九名傑出學者，平均每名約 33 萬元。整體成功率為 38%。



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

HIGHLIGHTS 提要

In the 2021/22 academic year, amidst the COVID-19 pandemic, the RGC provided \$0.10 million to support two conferences / seminars under the Research Postgraduate Students Conference / Seminar Grants. The RGC will continue to accept applications in the coming year.

在 2021/22 學年，在 2019 冠狀病毒肆虐下，研究生會議／研討會補助金共撥款 10 萬元，資助兩個會議／研討會。研資局在來年會繼續接受有關補助金的申請。

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.

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，亦資助研究生與外地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。



HIGHLIGHTS 提要

In the 2021/22 academic year, the Theme-based Research Scheme allocated \$367 million to support eight projects (including \$100 million for two projects related to coronavirus diseases). As at 30 June 2022, the number of on-going projects is 38.

在2021/22學年，主題研究計劃撥款總額達3.67億元，資助共八個研究項目（包括1億元資助兩個與2019冠狀病毒病相關的項目）。截至2022年6月30日，38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.

The current four themes for the TRS are:

- Understanding Diseases and Disease Prevention;
- 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.

The Steering Committee on Research Themes and Topics of the RGC completed the second review on research themes and grand challenge topics of TRS in June 2022. Two new grand challenge topics, namely "Quantum Technology" and "Integrated Circuits", will be added to Theme 4 "Advancing Emerging Research and Innovations Important to Hong Kong" in the 2023/24 (Thirteenth Round) exercise. There will be a total of 20 grand challenge topics under the four themes.

The RGC allocated a special one-off additional funding of \$100 million for TRS 2021/22 (Eleventh Round) to support research related to coronavirus diseases (COVID-19) and/or other novel infectious diseases (NIDs). A total of 69 preliminary proposals (including 17 proposals related to COVID-19 and/or other NIDs) were received, seeking RGC grants of \$3.8 billion. After the preliminary selection and a vigorous peer-review process, the RGC allocated \$367 million to support eight projects (including the \$100 million for two COVID-19 related projects). The funding ceiling is \$75 million per project for up to five years.

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。

現時主題研究計劃的四個主題分別為：

- 剖析疾病及疾病預防；
- 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性地位；及
- 促進對香港起重要作用的新興研究及創新項目。

研資局轄下的研究主題及題目督導委員會就研究主題及重大挑戰題目於2022年6月完成第二次檢討。由2023/24年(第十三輪)計劃起，主題四「促進對香港起重要作用的新興研究及創新項目」將增設兩個重大挑戰題目，即「量子技術」及「集成電路」。屆時四個研究主題下將設有20個重大挑戰題目。

研資局為2021/22年(第十一輪)計劃特別額外撥款1億元，以資助與2019冠狀病毒病及其他新型傳染病相關的研究。研資局共收到69份初步建議書(包括17份與2019冠狀病毒病及其他新型傳染病相關研究的建議書)，申請的金額約38億元。經過初步篩選及嚴格學者評審後，研資局撥款約3.67億元，資助共八個研究項目(包括1億元資助兩個與2019冠狀病毒病相關的項目)。每個獲資助項目的撥款上限為7,500萬元，年期最長為五年。



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

HIGHLIGHTS 提要

In the 2021/22 academic year, the RGC provided about \$64.84 million for the three competitive research funding schemes for the local self-financing degree sector supporting 71 research projects. As at 30 June 2022, the number of on-going projects is 209.

在2021/22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6,484萬元，共資助71個研究項目。截至2022年6月30日，209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). The IDS was branched out into the Research Infrastructure Grant and the Collaborative Research Grant.

The Eighth Round exercise was held in the 2021/22 academic year. Results were announced in September 2021. Following the completion of the Eighth Round exercise, the Ninth Round exercise started in November 2021. A total of fifteen local self-financing degree-awarding institutions¹ were eligible for the three funding schemes in the Ninth Round exercise. The results of the Ninth Round exercise will be announced in September 2022.

Faculty Development Scheme

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 2021/22 exercise, \$53.26 million was granted to 64 research projects out of 258 applications.

1. 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 Metropolitan University, Hong Kong Shue Yan University, 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.

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。院校發展計劃分為研究基礎設施撥款和協作研究撥款。

第八輪計劃已於2021/22學年舉行。申請結果已於2021年9月公布。隨着第八輪計劃的結束，第九輪計劃已在2021年11月展開。共有十五所本地可頒授學位的自資院校²符合參與上述三項研究資助計劃的資格。第九輪計劃的申請結果將於2022年9月公布。

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2021/22年度，本計劃共收到258份申請，其中64份研究計劃獲得資助，總額為5,326萬元。

2. 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、香港都會大學、香港樹仁大學、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

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



Inter-Institutional Development Scheme

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 2021/22 exercise, 18 applications were received and five of them were awarded \$2.48 million.

Institutional Development Scheme

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 applications received in the 2021/22 exercise, two projects were supported with a total grant of \$9.10 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. Four applications were received in 2021/22 exercise with no application selected for funding.

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2021/22年度共收到18份申請，合共批出248萬元資助五份計劃。

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2021/22年度共收到七份申請，最後共批出910萬元資助兩份計劃。

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2021/22年度共收到四份申請，當中沒有申請獲得資助。



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

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 2021/22 academic year (last round of exercise), the Areas of Excellence Scheme allocated \$277 million to support four projects. As at 30 June 2022, the number of on-going projects is 13.

在2021/22學年(上一輪計劃)，卓越學科領域計劃撥款總額達2.77億元，資助共四個研究項目。截至2022年6月30日，13個資助研究項目仍在進行中。

Areas of Excellence Scheme

The Areas of Excellence (AoE) Scheme provides support to the UGC-funded universities to build upon their existing strengths and develop them into areas of excellence.

Starting from the 2022/23 (Tenth Round) exercise, the AoE Scheme will be repositioned to primarily fund major projects outside the four research themes and grand challenge topics of the Theme-based Research Scheme (TRS). The funding parameters will be synchronised with TRS and the AoE Scheme will become an annual exercise. In addition to the funding of \$100 million per annum provided by the UGC, a further budget of \$50 million per year will be deployed from the Research Endowment Fund to support the AoE Scheme. The funding ceiling is \$75 million per project for up to five years.

The 2022/23 (Tenth Round) exercise was launched in July 2021. A total of 19 eligible preliminary proposals were received, seeking grants of \$1.6 billion. Results of the exercise will be announced in July 2022.

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。

由2022/23年(第十輪)計劃起，卓越學科領域計劃將重新定位，以資助主題研究計劃四個研究主題及重大挑戰題目範圍以外的大型研究項目為主。兩個計劃的資助模式將會劃一，並會每年舉辦一次。除教資會每年提供的1億元撥款外，研資局亦會從研究基金每年額外撥款5千萬元以支持計劃。每個獲資助項目的撥款上限為7,500萬元，年期最長為五年。

2022/23年(第十輪)計劃於2021年7月展開。研資局共收到19份合資格初步建議書，申請金額約16億元。撥款結果將於2022年7月公布。



HIGHLIGHTS
提要

Research Impact Fund was established in 2018. In the 2021/22 academic year, the total Research Impact Fund allocation was \$75 million, supporting 12 impactful projects. As at 30 June 2022, the number of on-going-projects is 64.

研究影響基金於2018年成立。在2021/22學年，研究影響基金撥款總額為7,500萬元，資助具影響力的研究項目共12個。截至2022年6月30日，64個資助研究項目仍在進行中。

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 fifth round exercise, the RGC received a total of 127 preliminary proposals seeking \$698 million.

After evaluation by the Research Impact Fund Committee (RIFC), 48 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 2023.

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。研資局於第五輪申請共接獲127份初步建議書，申請資助總額為6.98億元。

經研究影響基金委員會評審後，篩選出48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2023年1月公佈。



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

HIGHLIGHTS 提要

In the 2021/22 academic year, the Hong Kong PhD Fellowship Scheme awarded 300 top students from 44 countries/regions.

在2021/22學年，香港博士研究生獎學金計劃頒發獎學金予來自全球44個國家及地區共300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.

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

In the Twelfth Round exercise, 300 top students from 44 countries/regions received the award. By the deadline in December 2021, over 7 178 applicants from 107 countries/regions submitted full applications for the Thirteenth Round exercise.

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。

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。

第十二屆香港博士研究生獎學金計劃的得主為300位來自全球44個國家及地區的優秀學生。而至2021年12月的報名截止日期，7 178多名來自107個國家及地區的申請者就第十三輪計劃提交正式申請書。



HIGHLIGHTS
提要

After the eleventh processing cycle, matching grants at a total amount of \$2.18 billion have been disbursed to 19 participating universities/ institutions under the Research Matching Grant Scheme, with one university reaching the matching ceiling of \$500 million and a total of six universities and three institutions reaching the matching floor of \$50 million.

第十一個申請期結束後，研究配對補助金計劃已發放共21.8億元配對補助金予19所參與大學／院校。目前有一間大學已獲發放5億元「預設上限」的配對補助金，並已有六間大學及三間院校獲取超過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 with \$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.

After the eleventh processing cycle, donations/ sponsorships/ research contracts applied for matching have amounted to about \$3.82 billion in total. Matching grants at a total amount of \$2.18 billion have been disbursed to participating universities/ institutions accordingly. So far, one university has reached the matching ceiling of \$500 million, and six universities and three institutions have reached the matching floor of \$50 million. The remaining balance available for matching stood at about \$0.82 billion after 11 processing cycles.

In view of RMGS's effectiveness in diversifying the funding sources for research activities of participating universities/ institutions, RMGS will continue accepting applications until the \$3-billion provision is fully exhausted. To ensure that all donations received and government matching grants disbursed under the RMGS are used solely for research-related expenditure and spent in a cost-effective manner, universities/ institutions are requested to submit situation reports to disclose the deployment progress of the matching grants disbursed in the first four processing cycles.

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，涉資30億元。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。

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逐期處理。

第十一個申請期結束後，配對的申請已涉及共約38.2億元捐款／贊助／研究合約。經審批後，我們已發放共21.8億元配對補助金予有關大學／院校。目前有一間大學已獲發放5億元「預設上限」的配對補助金，並已有六間大學及三間院校獲取超過5,000萬元「最低款額」的配對補助金。第十一個申請期結束後，可供大學／院校繼續申請的配對補助金餘額約有8.2億元。

因應研究配對補助金計劃有效令參與大學／院校的研究活動經費來源更趨多元化，計劃將繼續接受申請，直至30億元的研究配對補助金用罄。而為確保大學／院校於計劃下所收捐款和政府發放的配對補助金只用於與研究相關的支出，並符合成本效益，大學／院校需提交情況報告，就首四個申請期發放的配對補助金披露其運用進度。



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 Postdoctoral Fellowship Scheme awarded 50 fellowships in the third exercise (2022/23) 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，第三屆計劃(2022/23)頒發50個獎學金名額，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 nurture and expand a pool of research talent with a view to propelling research and development in Hong Kong and fostering a research culture.

This fellowship scheme is being well received, with 88 strong candidates in the third exercise (2022/23) from top universities internationally as well as UGC-funded universities. In addition to nominees from Hong Kong and the Mainland, we have nominees from Albania, Bangladesh, Cambodia, Chile, France, Germany, Ghana, India, Italy, Kazakhstan, Malaysia, Pakistan, Philippines, Poland, Russia, South Korea and the United States of America.

Among the third cohort of 50 PDFS awardees, 20 are from the Humanities, Social Sciences and Business Studies disciplines, and 30 from the Sciences, 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 2022. 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 \$406,550, 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 Hong Kong Census and Statistic Department.

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，以培育及擴大研究人才庫，支持香港推動研發及培養研究文化。

此獎學金計劃備受歡迎，第三屆計劃(2022/23)吸引來自國際頂尖大學及本地教資會資助大學的88名優秀參選者。除了本港及內地，候選者亦有來自阿爾巴尼亞、孟加拉、柬埔寨、智利、法國、德國、加納、印度、意大利、哈薩克斯坦、馬來西亞、巴基斯坦、菲律賓、波蘭、俄羅斯、南韓及美國。

第三屆50名獲獎者中，有20名屬人文學、社會科學及商科範疇，30名屬科學、醫學、工程及科技範疇。獲獎者均須於2022年內在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406,550元，其後兩年的津貼額將根據相關條款，按政府統計處公佈的綜合消費物價指數作出年度調整。



HIGHLIGHTS 提要

Introduced in the 2019/20 academic year, the third exercise (2022/23) of 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 \$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，第三屆計劃(2022/23)將各頒發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 Associate Professor rank and full Professor rank at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development, and nurturing the next generation of researchers for Hong Kong.

In the third exercise (2022/23), we received 36 nominations for RFS and 32 for SRFS 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 2022. 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 (H) disciplines, and eight from Sciences, Medicine, Engineering and Technology (S) disciplines) and SRFS awardees (three from H and seven from S disciplines) were endorsed by the RGC in June 2022. All awardees are to start the research project on 1 January 2023. Each RFS and SRFS awardee will be supported with a fellowship grant covering a period of 60 months at around \$5.2 million and \$7.8 million respectively.

The total allocation of the two schemes in the third exercise amounts to around \$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(RFS)及研資局高級研究學者計劃(SRFS)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，並為香港培育下一代研究人員。

第三屆計劃(2022/23)分別收到36宗RFS及32宗SRFS提名，競逐各十個獎項。完成同儕評審後，躋身最後入圍名單的參選者獲遴選小組邀請，於2022年5月透過視像會議方式接受面試。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。

遴選小組推薦獲獎的研資局研究學者(兩名屬人文學、社會科學及商科範疇，八名屬科學、醫學、工程及科技範疇)及研資局高級研究學者(三名屬人文學、社會科學及商科範疇，七名屬科學、醫學、工程及科技範疇)已獲得研資局於2022年6月通過及確認。每名獲獎者須於2023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520萬元(研資局研究學者)及780萬元(研資局高級研究學者)。

兩項計劃第三屆的資助總額約為1.3億元。



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

Theme-based Research Scheme

Centre for Research into Circulating Fetal Nucleic Acids

Prenatal diagnosis is an integral part of obstetrics. Non-invasive prenatal testing based on circulating fetal DNA analysis has resulted in a paradigm shift in antenatal care. In this project, the team brought together a multi-disciplinary team of pathologists, laboratory scientists, obstetricians, bioinformaticians and public health specialists, to solve the key unmet diagnostic needs in prenatal medicine. Specifically, the team has been developing the next generation tools for the analysis of cell-free nucleic acids and to study the biology and pathological characteristics of cell-free fetal nucleic acids that have not been unravelled to date. The novel tools and new biological insights will be directed towards the overall goal of developing approaches for the assessment of pregnancy-associated pathologies, such as single gene diseases, fetal demise and preeclampsia. The implications and benefits of non-invasive prenatal testing were explored by an ethical, legal and social arm. Knowledge and know-how have been disseminated through training of postgraduate students and research personnel, as well as through educational workshops for the obstetrics and laboratory medicine professions.

The team achieved the non-invasive decoding of the fetal genome at much higher resolution which resulted in substantial improvement in one's ability to non-invasively detect fetal de novo mutations. The team successfully developed several approaches for the non-invasive detection of fetal single gene diseases, thus expanding the clinical applications of non-invasive prenatal testing beyond the assessment of fetal chromosomal aneuploidies. The team has uncovered interesting biological phenomenon about circulating DNA that was not appreciated previously. The team found that there are specific genomic locations that serve as preferential fragmentation sites of cell-free DNA. These preferred sites on the ends of cell-free DNA fragments aid with the identification of which organ released the DNA molecules.

The team has transferred the non-invasive prenatal test for fetal chromosomal aneuploidy screening to the Hospital Authority, with service delivered at the Hong Kong Children's Hospital.

主題研究計劃

母體血漿胎兒核酸研究中心

產前診斷是產科服務必不可少的重要部分。基於母體血漿循環胎兒脫氧核糖核酸(DNA)分析的無創性檢測突破了傳統模式，已帶來了產前診斷的革新和巨變。本項目組建了包括病理學家、實驗室科學家、產科專家、生物信息學家以及公共衛生專家等的多學科研究團隊，共同解決產前領域的關鍵問題，以滿足臨床診斷的需要。尤其是研發用於分析游離核酸的新一代技術，探索目前了解甚微的游離胎兒核酸的生物學以及病理學特性。利用此項嶄新技術與生物學見解，致力於達成妊娠相關疾病，如單基因遺傳疾病、胎兒死亡、妊娠毒血症等的無創診斷目標。本項目也從倫理、法律以及社會學等多角度探索分析無創性產前檢測的意義及益處。本項目的研究成果帶來的知識信息與檢驗技術也會通過培養研究生與研究人員和給予產科專家和醫學檢驗從業人員的教育工作坊等進一步廣泛傳播。

本項目成功以無創方式為胎兒基因解碼並繪製出高解像度胎兒基因圖譜，大大提高以往胎兒新生突變檢測的精準度。本項目亦研發出各種胎兒單基因遺傳病的檢測方案，令無創產檢的臨床應用並不局限於檢測胎兒染色體異常。團隊的研究也揭示了一些有趣又鮮為人知的游離DNA生物現象。研究發現基因組上有些特定位置是游離DNA的偏好斷點，處於游離DNA盡頭的偏好斷點位置有助辨識游離DNA從何器官而來。

本項目已將胎兒染色體異常的無創篩檢技術轉移至醫院管理局香港兒童醫院，為有需要的市民提供該項服務。

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



Smart Urban Water Supply Systems

Urban water supply systems (UWSS) are the lifeline of 3 billion people globally. However, these vital systems are aging and fraught with deficiencies and inefficiencies. The World Bank estimates the monetary value of lost water worldwide to be about US\$15 billion/year. Pipe failures can paralyze businesses and cause devastating urban floods. Worldwide, UWSS are challenged by urban growth and climate change.

Water infrastructure has been highlighted as a critical issue nationally in the 2011 “No. 1 document” issued by the Chinese Central Government; in the 2011 “Green Quality Living in Greater Pearl River Delta” study; and in the 2008 “Total Water Management” and 2015 “Water Intelligent Network (WIN)” policies of the Hong Kong government. Indeed, the Hong Kong government has committed \$23 billion to the rehabilitation and replacement of its water supply infrastructure.

The design and management of UWSS is currently limited by the range and resolution of data that can be collected in the relatively inaccessible buried pipelines. Current methods fail to provide the diagnostic resolution needed for many practical problems. The team proposed a program involving theoretical, laboratory and field studies to develop a new diagnostic paradigm for water supply network monitoring and fault detection. The team studied the sensing of actively generated waves that travel at high speeds (~1 km/s) in the fluid in the pipe and to electronically capture wave echoes. The resulting data was processed with advanced transient-based inverse methods and algorithms to pinpoint and characterize leaks, blockages and weak pipes. The theories were evaluated in a field test bed in Hong Kong. A pilot-scale demonstration experimental test bed was developed for testing hydraulic transient behavior in UWSS.

The team assembled an internationally-recognized, cross-disciplinary research team to conduct the proposed research in close collaboration with the Water Supplies Department (WSD) of Hong Kong. This project echoed the “Water Intelligent Network” policies of the HKSAR Government. The findings will crucially contribute to the sustainable development of Hong Kong through water conservation.

智慧型城市供水系統

城市供水系統是全球30多億人的生命線。然而因系統老化、運行低效和功能不足等問題，世界銀行估計全球每年因管網滲漏、爆裂而造成的經濟損失為150億美元。嚴重的水管爆裂亦導致市區水浸、商業活動癱瘓。面對城市化和氣候變化帶來的挑戰，很多國家都急需改善它們的供水系統。

水利基建是全國性的重要議題，其在2011年發表的《中央一號文件》、2011年關於「綠色大珠三角地區優質生活圈」的研究工作，以及香港政府2008年的「全面水資源管理」和2015年的「智管網」政策中均是重點。事實上，香港政府已投資約230億元進行更換及復修水管計劃。

城市供水管網一般敷設於地面以下，難以直接接觸，系統的設計和維修都受到探測方法的限制。目前的探測和數據收集方法難以準確判斷滲漏的範圍和位置。因此本項目提議透過理論研究、模型試驗與現場測試等，開發一套創新性的城市供水管網故障識別與檢測系統。本項目提出在待測管道中產生高速傳播的（速度約為1公里每秒）水壓力波，然後利用高靈敏傳感器採集水壓力波的反射信息。收集到的數據透過先進的水動力學反演法分析，從而確定水管中滲漏、阻塞和管壁變弱等缺陷的位置和特徵。這些理論與方法在香港的一個現場試驗系統中進行測試與驗證。另外，本項目建立了一個多用途的、中試規模的實驗系統來示範城市管道系統中水流及水壓的瞬變現象與過程。

本項目組織了一個國際性的跨學科研究團隊來開發智慧型城市供水系統，並與香港水務署緊密合作。本項目符合香港政府的「智管網」政策，其成果將為香港的可持續發展，特別在水資源節約與保護方面，作出重大的貢獻。



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

Over 30% of the water and energy lost worldwide—enough to supply 150 cities like Hong Kong—are lost through water supply systems. The amount of water lost annually is worth about US\$15 billion. In Asia, over 29 billion cubic meters, valued at US\$9 billion, are lost every year. The problem lies in the lack of technology to identify faults in aging water supply systems. The team has made fundamental breakthroughs in the forward and inverse problems of low and high frequency waves in water supply systems. Both elastic (e.g. steel) and viscoelastic (e.g. plastic) pipe materials have been tested. Novel and proven techniques have been developed to diagnose pipe systems. Examples include Matched Field Processing and Time Reversal methods, both of which are robust even in noisy environments. Patents will be filed for the two as well as other techniques. The team has developed two unique test beds and one live field test program at a local water supply system in collaboration with the WSD. The team also developed a live pilot facility at the Hong Kong University of Science and Technology which provides a unique environment where academia, industry and government can work together to showcase and demonstrate the home-grown technology. The team built strong collaborations with outstanding researchers from Hong Kong, mainland China, USA, Canada, New Zealand and Italy. The project paved the foundation to create the technologies for water, energy and monetary savings.

Understanding Debris Flow Mechanisms and Mitigating Risks for a Sustainable Hong Kong

The risk of natural terrain landslides in Hong Kong is increasing due to urban encroachment on steep natural hillsides and more frequent extreme weather events. To reduce debris flow risks and to provide a safe and sustainable environment for economic growth in Hong Kong, a university-led, industrial collaborative and interdisciplinary project is being conducted by a team of engineers, a computer scientist, an environmental scientist, an ecologist, and representatives from the Hong Kong Institution of Engineers. The key inter-related components of this project include:

- characterizing debris flow material from the micro-to the macro-scale;
- developing innovative monitoring techniques;
- investigating debris flow mechanisms; and
- developing risk mitigation measures.

供水系統的爆裂和滲漏浪費了全球超過百分之三十的食水，這些流失的食水和能源足以供應一百五十個與香港相似的發達城市使用。每年因食水浪費而導致的經濟損失高達一百五十億美元。亞洲的供水系統每年滲漏的食水量超過二千九百萬立方米，造成了九十億美元的經濟損失。問題的癥結在於缺乏一種快速高效地檢測城市供水管網缺陷的方法。本項目在低頻和高頻水壓力波的分析 and 反演分析領域實現了重大的基礎性突破，並將其應用於不同管材的水管，例如剛性管和塑料管。本研究提出了多種創新性的管道故障探測方法，其中兩種方法為匹配場法 (Matched Field Processing) 和時間反轉法 (Time Reversal)，它們可以在充滿雜訊的環境中探測水管的滲漏。本項目正為這兩種方法以及本項目的其他技術申請專利。本項目建造了兩套實驗系統，亦與香港水務署合作，在一個本地供水管網內進行實驗測試。同時，本項目在香港科技大學校園內的供水系統中建立了一套實地試驗系統，該系統將為學術界、產業界和政府締造一個獨一無二的合作環境，團隊期望藉此展示香港本土的研發技術。本項目匯集了來自世界各地的頂尖研究人員，包括香港、中國大陸、美國、加拿大、新西蘭和意大利，希望能為研發節省食水、開支和能源的供水技術奠定基礎。

香港泥石流流動機理及風險控制

香港山多平地少，城市不斷向陡峭的天然山坡發展，加上極端天氣日益頻繁，導致香港的山地滑坡和泥石流風險與日俱增。為防治泥石流災害，並且為香港的經濟發展提供一個安全而可持續的環境，本項目以大學為主導，並與業界緊密合作，組成了一個包括工程學、計算機科學、環境科學、生態學以及香港工程師學會代表的跨界跨學科研究團隊。本研究項目包括以下四個緊密相連的重要課題：

- 泥石流物料的宏微觀特性試驗；
- 新式泥石流現場監測技術；
- 研究泥石流運動機理；及
- 發展預防風險措施。

Research Funding Schemes and RGC Activities

研究資助計劃及研資局的工作



In this project, a novel 3D imaging system mounted on an unmanned aerial vehicle has been developed and used to capture high-resolution aerial images. These images were used to create digital 3D terrain models to enhance the assessment of debris flow mobility. A state-of-the-art geotechnical centrifuge and a newly constructed 28-m large-scale flume using advanced instrumentation have been developed and patents were obtained from the US and China. In addition, a novel multi-scale and multi-physics numerical model was developed, which considers fluid-solid and solid-solid interactions, for the simulation of debris flows.

The team in conjunction with the Geotechnical Engineering Office of Civil Engineering and Development Department in Hong Kong, have used the findings from this project to support the development of a set of design guidelines for practitioners to design barriers against debris flows. Also, findings for multiple barrier systems were published in a landmark forum at the World Landslide Forum organised by the International Consortium of Landslides, The United Nations Educational, Scientific and Cultural Organization.

The outcomes have an impact on both local and international practice and provide a sustainable and cost-effective solution against debris flow hazards in Hong Kong and countries such as Canada, USA, Brazil, Italy, Norway, Japan, and Malaysia.

As a result of this project, a total of 98 postgraduate research students from over 15 countries have been trained, 140 top journal papers have been published, and 56 keynote lectures have been delivered.

The current design of barriers against debris flows is empirical. Thus, it is not possible to discern whether a design is unsafe, adequate or over-designed. Barriers will not only require robust designs, but they will also need to blend in with the natural environment and be cost-effective. The scientific and theoretical advancement and discoveries obtained from this project provide the solid foundations for the development of new design guidelines. The newly developed design guidelines for multiple flexible and rigid barriers will have an immediate effect on local engineering practice and will lead to sustainable countermeasures against debris flow hazards locally and globally. Furthermore, the new guidelines can be adopted to protect highways and railways along the “Belt and Road” countries and beyond. For instance, the Sichuan-Tibet railway will pass through the southeast Qinghai-Tibet Plateau, which is the most geologically active and high risk mountainous region in China. Mitigation of debris flow hazards in this region will be crucial to sustainable development along the “Belt and Road”, especially in fuelling Tibet’s economic growth and enhancing national trade with India and Nepal.

在本項目中，一個利用無人駕駛飛機的三維拍攝系統已經完成開發，並用作拍攝高解析度的航拍相片。拍攝得來的相片被用作創建數碼三維山坡模型以研究泥石流的流動性。另外，本項目開發並建造了一個用於泥石流研究的新型土工離心機模型，及一條28米長並且配置了先進監測儀器的大型泥石流實驗水槽。相關的監測儀器獲得了一項美國專利以及兩項中國專利。同時，本項目創新地開發了一個考慮泥土顆粒與水之間及泥土顆粒之間相互作用的嶄新多尺度、多重物理性數值模型以用來模擬泥石流的動力過程。

本項目通過與香港土木工程拓展署土力工程處合作，已將本項目的研究成果用來支持開發一系列的設計指引，讓業界用作設計防治泥石流的攔擋壩。同時，本項目關於多重防護結構的研究成果已在由聯合國教科文組織國際滑坡聯合會舉辦的極具影響力的世界滑坡論壇中發表。

本項目的研究成果將對本地以及國際的工程操作產生直接影響，為本地以及其他國家例如加拿大、美國、巴西、意大利、挪威、日本以及馬來西亞等的泥石流防護技術提供具有可持續性以及造價經濟的方案。

本項目共培養了來自超過15個國家的98名研究生，發表頂級期刊論文140篇，並作主題報告56次。

目前針對泥石流的攔擋壩設計通常是經驗性的。因此，不太可能辨別設計是不安全的、適當的，或是過度保守的。攔擋壩除了要求有堅固的設計，而且還要造價經濟並與自然環境融為一體。本項目的科學及理論進展與發現為開發新的設計指引提供了堅實的基礎。新編寫的多重柔性防護網設計指引將會對本地工程實踐帶來即時的影響，並對香港以及世界各地發展可持續的泥石流防治措施提供了核心技術支持。此外，新的設計指引可以用於保護「一帶一路」沿線國家及其他國家的公路和鐵路。例如，川藏鐵路將穿過青藏高原的東南部，該地區是中國地質災害頻發的高風險山區。因此，減輕該地區泥石流的危害對於「一帶一路」沿線的可持續發展至關重要，特別是對於推動西藏的經濟增長和加強與印度以及尼泊爾的國際貿易具有重要意義。



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

Collaborative Research Fund

Security and Privacy-enhancing Technologies for Cloud Storage of Big Data

Over the past decade, more and more organisations and institutions have started adopting public cloud for their storage and big data analytics infrastructure. Along with the trend, advanced and privacy-sensitive applications are posing new challenges that traditional data security and privacy technologies are no longer sufficient to cope with.

In this project, the team focuses on developing new security and privacy-enhancing technologies for cloud storage that specifically address the challenges brought up by big data, characterised by high volume, high variety and high velocity. The research findings will enable users to conveniently search the encrypted data, easily verify results from data analytics, and reliably use mobile devices to access cloud services without worrying about security breach. The team believes this research will give users faith and confidence towards the use of cloud storage systems, without which the true power of cloud storage cannot be fully unleashed.

Community and Population Aging in Hong Kong: An Extension of the Hong Kong Panel Study of Social Dynamics

Like many other developed societies, Hong Kong is facing the great challenge of population aging in the coming decades, with the proportion of elderly people expected to reach 30% by 2034. Understanding how the process of population aging unfolds in different cultures, societies and political environments over time is a central task for social researchers. While many countries have launched longitudinal surveys in the past decade to systematically collect data on health, aging and retirement, Hong Kong still lacks comparable data, let alone evidence-based policy to tackle the challenges of an aging population.

Building on the three waves of the Hong Kong Panel Study of Social Dynamics (HKPSSD) (2011, 2013, and 2015), this project will continue and expand the data collection and analyse the existing data from the special module pertaining the elderly in the HKPSSD to examine the economic, social and health situations facing the elderly population in Hong Kong.

協作研究金

面向大數據的安全雲存儲及隱私保護技術研究

近年來，公有雲已經成為各類企業及科研機構進行大數據存儲、分析等任務的重要平台。在這一趨勢下，傳統的數據安全和隱私保護技術已經不足以應對新興大數據應用中種類繁雜的敏感信息所帶來的挑戰。

本項目針對大數據容量大、類別多和生成快等特點，著力研究如何解決雲存儲在這一背景下所產生的新的安全及隱私保護等相關問題。相關研究成果將使廣大用戶能夠直接在加密數據上進行搜索操作，以及能夠輕鬆地驗證數據分析結果的正確性，同時支持通過移動終端進行安全可靠的雲服務訪問，而不必擔心安全漏洞。團隊相信該項目不但能夠增加用戶對雲存儲系統的使用信心，而且還能進一步推動雲存儲技術朝著更加安全、可靠、高效的發展。

香港的社區與人口老齡化：「香港社會動態追蹤調查」的擴展

與大多數發達社會一樣，香港正面臨人口在未來數十年持續老化的嚴峻挑戰，根據推算，香港老年人口的比例在2034年將達至30%。了解不同文化、社會、政治和時代背景下的人口老化過程是社會研究的重要議題。在過去十年間，許多國家已經開展動態追蹤調查，系統性地收集健康、老齡化和退休的數據，但香港在這方面仍屬空白，故難以制定實證為基礎的政策，解決人口老化所帶來的問題。

在三輪「香港社會動態追蹤調查」(HKPSSD) (2011、2013和2015年)的基礎上，本項目將繼續收集香港社會變化的基礎數據，並通過擴展老齡化研究模塊和分析已有的長者數據，探討香港老年人口的經濟、社會及健康狀況。

Research Funding Schemes and RGC Activities

研究資助計劃及研資局的工作



Specifically, the main tasks of the collaborative research include: (1) collection of two additional waves of the HKPSSD subsample aged 50 or above in 2017 and 2019, focusing on their income security and personal wealth, family strategies and living arrangement, life trajectory and social participation, and health; (2) analysis of the interplay between economic, health, and social factors in shaping old people's living conditions and other facets of wellbeing; (3) investigation of the role played by the neighborhood community in providing elderly care and promoting active aging; (4) examination of the family support, intergenerational relationship, and social participation of the Hong Kong elderly, and their interaction with community factors; and finally (5) a comparative study between Hong Kong and Shanghai, two Chinese cities featuring different welfare regimes, to shed light on the institutional factors conducive to effective aging policy.

Panel data collected in this project will supplement the previous waves of the HKPSSD and become a major public good for social science research in Hong Kong and for a comparative study of effective public policy in the context of population aging.

Optogenetic Functional MRI Dissection of Long-Range Brain Networks

One grand challenge for the 21st century is to achieve an integrated understanding of the brain circuits, particularly the spatiotemporal patterns of neural activities that give rise to functions and behavior. In this project, the team will develop an innovative neuroimaging approach - the combined use of optogenetic neuromodulation with functional MRI (fMRI). With this capability, the team will investigate two fundamental questions regarding long-range brain circuits: What dynamic response properties govern the network activity propagations and interactions? What is the functional relevance of the long-range, low-frequency neural interactions? Specifically, the team will develop optogenetic fMRI (og-fMRI) technology to capture and analyse whole brain activities with much improved sensitivity, specificity and causality. The team will then deploy this imaging capability to systematically interrogate the spatiotemporal response properties of two distinct long-range networks, namely, thalamo-cortical and hippocampal-cortical networks, by optogenetically activating and deactivating the excitatory neurons in several thalamic and hippocampal structures, respectively, together with electrophysiological recording approaches. Finally, the team will systematically examine the functional effects of low-frequency optogenetic stimulation within these two networks on brain responses to external sensory stimuli. The outcomes from this project will enable the team to provide mechanistic insights into the spatiotemporal recruitment of spatially segregated but functionally integrated neuron populations, and elucidate the functional relevance of low-frequency activities within the long-range networks.

具體來說，本項目的主要目標包括：(1)以HKPSSD中50歲或以上的受訪者作調查對象，分別在2017年和2019年收集兩輪數據，重點關注他們的收入保障和個人財富、家庭策略和居住安排，生命變化和社會參與，以及健康狀況等；(2)分析經濟、健康及社會因素如何影響長者的生活狀況和其他福祉；(3)考察社區在提供長者照顧和推動積極老齡化方面的作用；(4)研究香港長者的家庭支援、代際關係和社會參與，以及這些因素與社區的相互作用，最後，(5)對香港和上海一兩個福利制度截然不同的華人社會一進行比較研究，探討制度因素對老齡化政策的影響。

本項目收集的數據，輔以前三輪的HKPSSD數據，將成為重要的學術資源，有助於香港社會科學研究，並為比較不同社會背景下老齡化政策的有效性提供數據支持。

大腦遠程迴路的光基因調製磁共振功能成像研究

21世紀的一個重大挑戰是達到對大腦迴路的全面理解，特別是針對神經活動中引起官能和行為的時空格局。本項目將開發一種創新的神經成像方法——光基因調製與磁共振功能成像(fMRI)技術的結合使用。團隊可運用此創新的神經成像技術去研究兩個有關大腦遠程迴路的基本問題：神經網絡的傳播活動是由哪些動態反應屬性支配？遠程和低頻神經互動有甚麼實際關係？具體來說，團隊將發展擁有更高靈敏度、針對性，和因果關係更清晰的光基因調製磁共振功能成像技術(og-fMRI)來收集和分析整個大腦的活動。團隊亦將利用這種成像技術，分別通過光基因激活和抑制在丘腦和海馬結構中的興奮性神經元，加上電生理記錄方法，有系統地探測兩個截然不同的遠程神經網絡——丘腦皮層和海馬皮層的時空反應屬性。最後，團隊會測試在這兩個神經網絡中，低頻光基因刺激對大腦反應外部感觀刺激的功能性影響。本項目將令團隊能夠從機械角度來洞悉在空間上隔離，但功能上整合的神經元群體的時空募集，並說明在遠程神經網絡中低頻活動的實際相關性。



General Research Fund

Manipulate the neural excitability during learning and memory by ultrasound stimulation

Memory is the capacity of an organism to acquire, store and retrieve information based on learning experiences. When neural ensembles encode a memory, they become temporarily more excitable and have an increased likelihood of being involved in the encoding of a subsequent memory. To provide causative insight into how neural ensembles are allocated at elevated excitability, it is necessary to be able to manipulate the excitability of specific neurons noninvasively. It becomes crucial to have a tool that can manipulate neural excitability.

Ultrasonic brain stimulation is a noninvasive modality and a promising tool for probing human brain functions and curing brain disorders. It is shown to be able to stimulate the neurons in specific brain region effectively without damaging brain tissues. Capable of non-invasive transmission through skull with fine focal size, ultrasonic brain stimulation is considered as an encouraging means and a good alternative to existing stimulating strategies (e.g. deep brain stimulation, optogenetics, transcranial magnetic stimulation, and transcranial direct current stimulation). Moreover, theoretical and the team's recent studies showed that ultrasound stimulation can increase the excitability of primary neurons. These interesting effects on neural excitability make ultrasound a promising tool for probing the neural circuits of memory encoding and retrieval. To date, in vivo confirmation and underlying mechanisms of ultrasound modulation on neural excitability still remains unknown, as a result, further investigation is urgently needed to make it a controllable tool for manipulating the memory allocation.

The project explores the bio-effects of ultrasonic stimulation on neural excitability, and understands the possible mechanism. To make this method a useful tool for probing memory allocation, the team investigates how ultrasound induced neural excitability elevation incorporates with natural cues to give rise to memory. The team studies the ultrasound stimulation from behavioral, single neuronal functional, down to molecular level to understand the possible functioning.

This research makes a groundbreaking innovation to brain stimulation studies, adding a critical approach for testing how memory are stored in the brain. With a non-invasive, deep penetration and gene free capability, we also envision that the success of this research may provide an invaluable tool for studying memory allocation and enhancing learning and memory.

優配研究金

記憶和學習過程的神經興奮性的超聲調控

記憶是生物體根據學習經驗獲得、存儲和檢索信息的能力。當印跡細胞存儲記憶時，它們的興奮性會暫時性提高，從而增加了參與後續存儲記憶的可能性。為了提供如何在提高興奮性下分配印跡細胞的因果關係，便需要一種非侵入性地操縱特定神經元興奮性的工具。

超聲腦刺激是一種非侵入性的方式，在探索人類大腦功能和治癒腦部疾病領域具有重大前景。目前的研究顯示超聲能夠有效地刺激特定腦區域的神經元而不損傷腦組織。由於超聲能夠非侵入性地投射過顱骨，精確聚焦在一個小腦區中，它被認為是現有刺激策略（例如深部腦刺激、光遺傳學、經顱磁刺激和經顱直流刺激）之外的令人鼓舞的手段和良好的替代。此外，理論和團隊最近的研究表明，超聲刺激可以增加神經元的興奮性。這些對神經興奮性的影響使超聲波成為探索記憶編碼和檢索神經迴路的潛在工具。迄今為止，超聲調製對神經興奮性的潛在機制仍然未知，因此，迫切需要進一步的研究，使其成為操縱記憶分配的可控工具。

本項目探索超聲波刺激對神經興奮性的生物效應，並了解可能的機制。為了使這種方法成為探測記憶分配的有用工具，團隊研究超聲誘導的神經興奮性與其周圍的自然提示相結合以引起記憶。團隊從行為、單一神經元功能、到分子水平研究超聲波刺激，以了解其可能的功用。

本研究為腦刺激研究做出突破性創新，增加研究記憶如何儲存在大腦中的關鍵方法。考慮到這是一項非侵入性，高穿透深度，不需要基因改造的技術，本研究的成功可能為研究記憶分配和增強學習記憶提供寶貴的工具。



Early Career Scheme

A Stranger/Helper at Home: An Integrated Framework on Hiring Domestic Help and Family Relations in Hong Kong

Using paid domestic labor is becoming increasingly common in Hong Kong. Unlike many Western societies where the households tend to hire part-time domestic help, nearly 90% of Hong Kong households using paid domestic labor employ foreign live-in helpers at home. Therefore, the knowledge from Western societies may not help researchers to fully understand the role of domestic helpers in the Hong Kong context. As the well-being of a large number of families is related to this family practice, this study contributes significantly to the empirical and theoretical literature of family sociology, and provides valuable policy insights into Hong Kong society.

The scope of previous studies on this topic is limited in three ways: (1) Most studies rely on cross-sectional data only and take choosing to hire domestic helpers as a simple dichotomous one-off decision. None of these studies has incorporated a temporal dimension to consider the timing, frequency and length of employment of the domestic helpers; (2) While some past studies have revealed the potential problems with using paid domestic labor, these studies are mostly based on a small non-representative sample, making it difficult to estimate the prevalence of the problems; (3) The factors related to employing foreign domestic helpers are mostly limited to the characteristics within the households, without much consideration on factors external to the families, such as the economic environment and social network.

This project is innovative theoretically and methodologically. Theoretically, this project develops a theoretical framework that integrates the social capital and life-course perspectives with existing theories in housework and domestic outsourcing literature to investigate the prevalence, timing and duration of employing live-in domestic helpers among married couples in Hong Kong, and to examine the factors, patterns and familial consequences of having a live-in helper. Methodologically, a mixed-methods research approach is adopted. The first phase of the study consists of a large-scale representative household survey. The household survey is the first of its kind to collect both cross-sectional and event-history data related to paid domestic labor. The second phase of the study consists of in-depth interviews with couples at different stages of employing foreign domestic helpers (informants will be sampled from the household survey) to reveal the deeper meanings of the relationships between the variables.

傑出青年學者計劃

家中的助手／陌生人：探究香港家庭聘用全職家庭傭工的情況以及對其家庭關係的影響

近年來香港僱用家庭傭工的比率越趨上升。在西方社會，一般家庭主要按時薪聘用工時較短的家務助理。然而，在僱用家傭的香港家庭中，有近九成家庭僱用全職居家外傭。故此，過往在西方家庭研究文獻中的研究成果並未能夠完全幫助研究人員瞭解家庭傭工在香港家庭關係中所擔當的角色。鑑於僱用全職家傭在香港家庭中的普遍性和重要性，本研所得的數據對家庭社會學的實證及理論文獻作出貢獻，並為香港社會提供政策層面上的建議。

過往研究文獻主要有三方面不足。第一，大部分研究只依靠橫截面數據作研究分析，並且把僱用家傭簡單視為一項「二元」、「一次性」的決定。過往並無研究深入探討僱用家傭的時間軸因素(如僱用家傭的次數、時機和持續時間)；第二，雖然過去有些香港的研究已經指出了僱用家傭對家庭關係帶來的潛在問題，這些研究卻主要依靠小型和非代表性樣本的數據，故此難以估量這些問題在香港社會的普遍程度；第三，過往研究主要集中探討家中因素和僱用家傭的關係，卻很大程度上忽略了家庭以外的因素(如經濟環境和朋輩間的資訊)如何影響僱用家傭的決定以及其對家庭關係的效果。

本研究在理論和方法論方面均有其原創性。在理論方面，這項研究把「社會資本」和「生命歷程」視角結合到現有的家務和家庭關係文獻中，並建立一個綜合的理論框架以分析香港家庭僱用家傭的普遍程度、時機、持續時間以及探討僱用家傭的因素、模式和對家庭的影響。在方法論方面，本研究採用混合研究方法。在本研究的第一階段，研究員在各區地址中抽取有代表性樣本並進行一項大型的住戶問卷調查。是項住戶問卷調查是同類研究中首個同時收集關於住戶聘用家傭的橫截面數據及回顧性事件歷史數據。在本研究的第二階段，研究員在住戶問卷調查的受訪者中，抽取各類僱用家傭的家庭進行深入訪談以更深入瞭解是次研究中各變項之間的關係。



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

There are several findings that have shed light on new directions of future research. First, it is found that fertility behaviors differ between families with and without domestic helpers. Second, the research result shows that there is a significant portion of employers of domestic helpers are from a working-class background. Most of the past studies mainly target middle-class families in studying the experience of employing domestic helpers. This study provides interesting data to study the experience among some working-class families. Lastly, Hong Kong is not the only society with a high rate of employing domestic helpers. Singapore also has a high rate of employing domestic helpers. The data collected from this study can serve as a basis for comparative study in the future, helping sociologists to understand how factors, patterns and consequences of employing domestic helpers vary across contexts.

本研究的幾項發現闡明了相關研究未來的新方向。首先，本研究發現有和沒有僱用外傭的家庭的生育相關決定是不同的。第二，研究結果顯示，相當一部分外傭的僱主來自工薪階層。以往的研究大多以中產家庭為對象，研究其聘用外傭的經驗。本研究為研究一些工人階級家庭的經歷提供了相關的數據。最後，香港並非唯一聘用外傭比例高的社會。例如新加坡的外傭僱用率也很高。這項研究收集的數據可以作為未來比較研究的基礎，幫助社會學家瞭解僱用外傭的因素、模式和後果如何因環境而異。

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.

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。



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 2021/22 附錄 A：研資局 2021/22 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 Yuk-shan Wong, SBS, JP (Chairman) 黃玉山教授, SBS, JP (主席)	Hong Kong Metropolitan University (formerly) 香港都會大學(前)	3/2021
Prof Ronaldo Borja	Stanford University 史丹福大學	7/2021
Prof Wai-ye Chan 陳偉儀教授	The Chinese University of Hong Kong 香港中文大學	7/2021
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 德克薩斯大學聖安東尼奧分校	7/2015
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	8/2017
Prof James Fawcett	University of Cambridge 劍橋大學	11/2019
Prof Yike Guo 郭毅可教授	Hong Kong Baptist University 香港浸會大學	7/2021
Prof Raymond Man-pao Kan 簡文豹教授	University of Toronto 多倫多大學	7/2017
Mr Henry Kwong-han Leung 梁廣恒先生	Nano and Advanced Materials Institute Limited 納米及先進材料研發院有限公司	4/2017
Prof Wing-kam Liu 廖榮錦教授	Northwestern University 西北大學	7/2020
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 Helen Mei-ling Meng 蒙美玲教授	The Chinese University of Hong Kong 香港中文大學	7/2016
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

Appendix A: RGC Membership 2021/22 附錄 A：研資局 2021/22 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 Miles Padgett	University of Glasgow 格拉斯哥大學	7/2021
Prof Daniel Tan-lei Shek, SBS, JP 石丹理教授, SBS, JP	The Hong Kong Polytechnic University 香港理工大學	7/2021
Prof Geoffrey L Smith	University of Cambridge 劍橋大學	7/2015
Prof Richard Strugnell	The University of Melbourne 墨爾本大學	7/2016
Prof 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 香港科學院	8/2017
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲沙大學	7/2018
Prof Michael Mengsu Yang 楊夢甦教授	City University of Hong Kong 香港城市大學	7/2021
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 加利福尼亞大學聖地牙哥分校	7/2017
Prof Jie Zhang 張杰教授	Chinese Academy of Sciences 中國科學院	7/2020
Prof Charles Surya (Ex-officio Member) 徐星全教授(當然成員)	Innovation and Technology Commission 創新科技署	2/2020
Miss Amy Chan (Secretary) 陳婉雯女士(秘書) (Until 4 October 2021) (至2021年10月4日為止)	University Grants Committee Secretariat 大學教育資助委員會秘書處	
Mr Mike Ng (Secretary) 吳文裕先生(秘書) (Since 18 October 2021) (自2021年10月18日起)	University Grants Committee Secretariat 大學教育資助委員會秘書處	

Appendix B: Attendance Record of RGC Members in 2021/22

附錄 B：2021/22 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 Yuk-shan Wong, SBS, JP 黃玉山教授, SBS, JP	2	2	100%
Prof Ronaldo Borja*	2	1	50%
Prof Wai-yee Chan 陳偉儀教授	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	1	50%
Prof Cindy Fan* 范芝芬教授*	2	2	100%
Prof James Fawcett*	2	2	100%
Prof Yike Guo 郭毅可教授	2	2	100%
Prof Raymond Man-pao Kan* 簡文豹教授*	2	2	100%
Mr Henry Kwong-han Leung 梁廣恒先生	2	2	100%
Prof Wing-kam Liu* 廖榮錦教授*	2	1	50%
Prof Tai-lok Lui, JP 呂大樂教授, JP	2	1	50%
Prof Helen Mei-ling Meng 蒙美玲教授	2	2	100%
Prof William Ireland Milne*	2	2	100%
Prof Joshua Ka-ho Mok 莫家豪教授	2	2	100%
Prof Irene Oi-lin Ng 吳呂愛蓮教授	2	2	100%
Prof Miles Padgett*	2	1	50%

Appendix B: Attendance Record of RGC Members in 2021/22

附錄 B：2021/22 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 Daniel Tan-lei Shek, SBS, JP 石丹理教授, SBS, JP	2	2	100%
Prof Geoffrey L Smith*	2	2	100%
Prof Richard Strugnell*	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	2	100%
Prof Michael Mengsu Yang 楊夢甦教授	2	2	100%
Prof Edward Sze-Shing Yeung* 楊仕成教授*	2	2	100%
Prof Paul K L Yu* 余劫離教授*	2	1	50%
Prof Jie Zhang* 張杰教授*	2	2	100%
Prof Charles Surya 徐星全教授	2	1	50%

* denotes members outside Hong Kong

* 為非本地成員

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 年度成員名單

Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Biology and Medicine 生物學及醫學		
Prof James Fawcett (Chairman) (主席)	University of Cambridge 劍橋大學	1/2017
Prof William Hunter (Deputy Chairman – Joint Research Schemes) (副主席 – 合作研究計劃)	University of Dundee 鄧迪大學	3/2021
Prof Hongtao Yu (Deputy Chairman – Schemes for Individual Research) (副主席 – 個人研究資助計劃)	Westlake University 西湖大學	1/2018
Prof Rudolf Bauer	University of Graz 卡爾·弗朗岑斯格拉茨大學	3/2018
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 Marc Cadotte	University of Toronto 多倫多大學	11/2021
Prof Jing Cai 蔡璟教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
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 Edwin Ho-yin Chan 陳浩然教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Juliana CN Chan 陳重娥教授	The Chinese University of Hong Kong 香港中文大學	4/2019
Prof Paul Kay-sheung Chan 陳基湘教授	The Chinese University of Hong Kong 香港中文大學	1/2019
Prof Stephen Lam Chan 陳林教授	The Chinese University of Hong Kong 香港中文大學	11/2019

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Zhe-sheng Chen	St. John's University 聖若望大學	3/2022
Prof Alfred Sze-lok Cheng 鄭詩樂教授	The Chinese University of Hong Kong 香港中文大學	3/2022
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 加利福尼亞大學河濱分校	12/2019
Prof Zhengming Chen	University of Oxford 牛津大學	11/2020
Prof Ying Cheong	University of Southampton 南安普敦大學	11/2019
Prof Zheng Dong 董政教授	Augusta University 奧古斯塔大學	11/2019
Prof Ian Everall	The University of Western Australia 西澳大學	11/2021
Prof Dean W. Felsher	Stanford University 史丹福大學	11/2021
Prof Sandy Feng	University of California, San Francisco 加利福尼亞大學舊金山分校	11/2020
Prof Xiaohua Gong	University of California, Berkeley 加利福尼亞大學柏克萊分校	3/2020
Prof Jennifer Grandis	University of California, San Francisco 加利福尼亞大學舊金山分校	11/2019
Prof John Cijiang He	Icahn School of Medicine at Mount Sinai 西奈山伊坎醫學院	11/2021
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	11/2018
Prof Yu Huang 黃聿教授	City University of Hong Kong 香港城市大學	12/2017
Prof Ladd Johnson	Laval University 拉瓦爾大學	1/2020
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 2021/22 附錄 C：委員會／學科小組 2021/22 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 Yibin Kang 康毅濱教授	Princeton University 普林斯頓大學	12/2018
Prof Kay-tee Khaw	University of Cambridge 劍橋大學	12/2017
Prof Arthur Yu-Shin Kim	Harvard Medical School 哈佛醫學院	11/2021
Dr Jessica CF Kwok	University of Leeds 列斯大學	11/2020
Prof 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 Ping-yee Law 羅秉義教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	3/2020
Prof Hon-chi Lee	Mayo Clinic College of Medicine 梅約臨床醫學院	3/2021
Prof Simon Ming-yuen Lee 李銘源教授	University of Macau 澳門大學	3/2022
Prof Andrew Lever	University of Cambridge 劍橋大學	11/2019
Prof Brendan M. Leung	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 Anthony Ho-Ling Liu	The University of Texas 德克薩斯大學	11/2021
Prof Hongbin Liu 劉紅斌教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
Prof Kai Liu 劉凱教授	The Hong Kong University of Science and Technology 香港科技大學	2/2019

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Nancy Kwan Man 萬鈞教授	The University of Hong Kong 香港大學	11/2021
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 Alex Molasiotis	University of Derby 德比大學	3/2022
Prof Kevin O'Shaughnessy	University of Cambridge 劍橋大學	11/2019
Prof Alexander Ploss	Princeton University 普林斯頓大學	12/2021
Prof Peter Polverini	University of Michigan 密芝根大學	11/2020
Prof Randy Y C Poon 潘逸才教授	The Hong Kong University of Science and Technology 香港科技大學	3/2021
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 沈劍剛教授	The University of Hong Kong 香港大學	1/2020
Prof Jie Song	University of Massachusetts 馬薩諸塞大學	11/2020
Prof Dong Sun 孫東教授	City University of Hong Kong 香港城市大學	3/2021
Prof Kathryn Choon-beng Tan 陳俊明教授	The University of Hong Kong 香港大學	1/2017
Prof Chi-ho To 杜嗣河教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
Prof Stephen Kwok-wing Tsui 徐國榮教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Dongan Wang 王東安教授	City University of Hong Kong 香港城市大學	3/2022
Prof Xiao-fan Wang 王小凡教授	Duke University 杜克大學	12/2019



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Yi Wang	Cornell University 康乃爾大學	11/2020
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 Alice S T Wong 黃思齊教授	The University of Hong Kong 香港大學	3/2022
Prof Chris Kong-chu Wong 黃港住教授	Hong Kong Baptist University 香港浸會大學	3/2021
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	3/2021
Prof Kenneth Kak-Yuen Wong 黃格元教授	The University of Hong Kong 香港大學	11/2021
Prof Zhenguo Wu 鄔振國教授	The Hong Kong University of Science and Technology 香港科技大學	1/2017
Prof Jiake Xu	The University of Western Australia 西澳大學	11/2021
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 加利福尼亞大學洛杉磯分校	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 Ge Zhang 張戈教授	Hong Kong Baptist University 香港浸會大學	3/2022
Prof Michael Q. Zhang 張奇偉教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	3/2018
Prof Tao Zhang 張濤教授	Chinese Academy of Sciences 中國科學院	1/2020

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Xin Zhang	Columbia University 哥倫比亞大學	11/2021
Prof Yanxiang Zhao 趙燕湘教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
Prof Yunde Zhao	University of California, San Diego 加利福尼亞大學聖地牙哥分校	3/2022
Prof Hong Zhou	The University of Sydney 悉尼大學	3/2022



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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)
Business Studies 商學		
Prof Raymond Man-pao Kan (Chairman) 簡文豹教授 (主席)	University of Toronto 多倫多大學	1/2015
Prof Daniel A Cohen (Deputy Chairman – Joint Research Schemes) (副主席 – 合作研究計劃)	Vanderbilt University 范德堡大學	2/2021
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 Kevin Chien-wen Chen 陳建文教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
Prof Hsing K. Cheng 鄭興教授	University of Florida 佛羅里達大學	11/2019
Prof Mei-kwan Cheung 張美君教授	Hong Kong Baptist University 香港浸會大學	3/2022
Prof Christina G. Chi	Washington State University 華盛頓州立大學	11/2021
Prof Andrew Tat Tin Ching	Johns Hopkins University 約翰霍普金斯大學	11/2020
Prof Sudipto Dasgupta	The Chinese University of Hong Kong 香港中文大學	11/2017
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

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Cathy Hsu 徐惠群教授	The Hong Kong Polytechnic University 香港理工大學	3/2021
Prof Vernon N Hsu 徐寧教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Ming Hu	University of Toronto 多倫多大學	12/2021
Prof Tim Woonghee Huh	University of British Columbia 英屬哥倫比亞大學	11/2019
Prof Kai-lung Hui 許佳龍教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
Prof Mingming Leng 冷明明教授	Lingnan University 嶺南大學	4/2019
Prof Jingyuan Li 李靜遠教授	Lingnan University 嶺南大學	3/2021
Prof Hongbin Li 李宏彬教授	Stanford University 史丹福大學	11/2018
Prof Kai Lim 林開教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
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 Albert Francis Park 朴之水教授	The Hong Kong University of Science and Technology 香港科技大學	11/2020
Prof Mike Peng	The University of Texas at Dallas 德克薩斯大學達拉斯分校	11/2020
Prof Gil Sadka	The University of Texas at Dallas 德克薩斯大學達拉斯分校	3/2022
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 Carlos Torelli	University of Illinois at Urbana-Champaign 伊利諾大學厄巴納-香檳分校	11/2021
Prof Anand Vijh	University of Iowa 愛荷華大學	11/2021



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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof M.H. Franco Wong	University of Toronto 多倫多大學	12/2017
Prof Sean Xin Xu 徐心教授	Tsinghua University 清華大學	11/2020
Prof Daphne Wing-yee Yiu 姚詠儀教授	The University of Oklahoma 奧克拉荷馬大學	11/2017
Prof Jiawei Zhang 張家偉教授	New York University 紐約大學	3/2018
Prof Wei Thoo Yue 余偉圖教授	City University of Hong Kong 香港城市大學	11/2020
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 Ting Zhu	Purdue University 普渡大學	11/2021
Prof Xiaodong Zhu 朱曉冬教授	University of Toronto 多倫多大學	11/2019

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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)
Engineering 工程學		
Prof Ronaldo Borja (Chairman) (主席)	Stanford University 史丹福大學	1/2021
Prof Cary Yang (Deputy Chairman – Joint Research Schemes) 楊遠偉教授 (副主席 – 合作研究計劃)	Santa Clara University 聖塔克拉拉大學	2/2021
Prof Jon Longtin (Deputy Chairman – Schemes for Individual Research) (副主席 – 個人研究資助計劃)	Stony Brook University 石溪大學	12/2014
Prof Pedro J. Alvarez	Rice University 萊斯大學	11/2018
Prof Catherine Brinson	Duke University 杜克大學	11/2018
Dr Daniel Brunner	Institute FEMTO-ST	3/2022
Prof Jian Cao	Northwestern University 西北大學	11/2018
Prog Guohong Cao	The Pennsylvania State University 賓夕法尼亞州立大學	3/2022
Prof C C Chan 陳清泉教授	The University of Hong Kong 香港大學	3/2022
Prof Calvin Chun-kit Chan 陳俊傑教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Felix T S Chan 陳東樂教授	Macau University of Science and Technology 澳門科技大學	3/2018
Prof Xiuli Chao 趙修利教授	University of Michigan 密芝根大學	11/2018
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



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Ray Chen	The University of Texas at Austin 德克薩斯大學奧斯汀分校	12/2021
Prof Yingying Chen	Rutgers, The State University of New Jersey 新澤西州立羅格斯大學	11/2020
Prof Yiran Chen 陳怡然教授	Duke University 杜克大學	11/2019
Prof Sai-on Cheung 張世安教授	City University of Hong Kong 香港城市大學	1/2017
Prof Yiu Ming Cheung 張曉明教授	Hong Kong Baptist University 香港浸會大學	11/2020
Prof Francis Y. L. Chin 錢玉麟教授	The University of Hong Kong 香港大學	3/2022
Prof Jason Tsan-ming Choi 蔡燦明教授	University of Liverpool 利物浦大學	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 Jian Chu 楚劍教授	Nanyang Technological University 南洋理工大學	3/2022
Prof Henry S H Chung 鍾樹鴻教授	City University of Hong Kong 香港城市大學	11/2017
Prof Lin Dai 代琳教授	City University of Hong Kong 香港城市大學	3/2022
Prof Lucy E. Dunne	University of Minnesota 明尼蘇達大學	11/2020
Prof Yonina C. Eldar	Weizmann Institute of Science 魏茲曼科學研究所	11/2021
Prof Horacio D. Espinosa	Northwestern University 西北大學	11/2020
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
Prof Huajian Gao 高華健教授	Nanyang Technological University 南洋理工大學	11/2020

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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Nasr M. Ghoniem	University of California, Los Angeles 洛杉磯加利福尼亞大學	11/2020
Dr Julio C. Guerrero	Cambridge Research and Technology L.L.C.	12/2018
Prof Song Guo 郭嵩教授	The Hong Kong Polytechnic University 香港理工大學	11/2017
Prof Kirill V. Horoshenkov	University of Sheffield 雪菲爾大學	4/2019
Prof Grace Yick Hsuan	Drexel University 德雷塞爾大學	11/2018
Prof Hong Jiang 江泓教授	The University of Texas at Arlington 德克薩斯大學阿靈頓分校	11/2021
Prof Ji-jung Kai 開執中教授	City University of Hong Kong 香港城市大學	3/2018
Prof Kazuhiro Kosuge	The University of Hong Kong 香港大學	3/2022
Prof Jay C C Kuo 郭宗杰教授	University of Southern California 南加州大學	1/2017
Prof Albert Kwok-hung Kwan 關國雄教授	The University of Hong Kong 香港大學	3/2022
Prof William Hing-keung Lam 林興強教授	The Hong Kong Polytechnic University 香港理工大學	11/2018
Prof Francis C. M. Lau 劉智滿教授	The University of Hong Kong 香港大學	3/2022
Prof Shun-cheng Lee 李順誠教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
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 Haizhou Li 李海洲教授	National University of Singapore 新加坡國立大學	1/2017
Prof Heng Li 李恒教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
Prof Qiusheng Li 李秋勝教授	City University of Hong Kong 香港城市大學	1/2017



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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Wen-jung Li 李文榮教授	City University of Hong Kong 香港城市大學	11/2017
Prof Xiangdong Li 李向東教授	The Hong Kong Polytechnic University 香港理工大學	11/2020
Prof Yangmin Li 李楊民教授	The Hong Kong Polytechnic University 香港理工大學	11/2019
Prof Youfu Li 李友福教授	City University of Hong Kong 香港城市大學	3/2022
Prof Zhu Li	University of Missouri, Kansas City 密蘇里大學堪薩斯分校	1/2022
Prof Chee-wah Lim 林志華教授	City University of Hong Kong 香港城市大學	11/2017
Prof Ching-long Lin	The University of Iowa 愛荷華大學	11/2020
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	3/2021
Prof Siu-ming Lo 盧兆明教授	City University of Hong Kong 香港城市大學	3/2018
Prof Jane Wei-zhen Lu 盧偉真教授	City University of Hong Kong 香港城市大學	3/2018
Prof Ning Lu	Colorado School of Mines 科羅拉多礦業學院	3/2021
Prof Yiu-wing Mai 米耀榮教授	The University of Sydney 悉尼大學	11/2017
Prof Chris Mi 米春亭教授	San Diego State University 聖地牙哥州立大學	3/2020
Prof James K Mills	University of Toronto 多倫多大學	3/2022
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 Thomas Shiu-tong Ng 吳兆堂教授	City University of Hong Kong 香港城市大學	3/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 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 Duc Truong Pham	University of Birmingham 伯明翰大學	11/2021
Prof Andrew Wing On Poon 潘永安教授	The Hong Kong University of Science and Technology 香港科技大學	11/2021
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 Weisong Shi 施巍松教授	University of Delaware 特拉華大學	11/2020
Prof Wan-chi Siu 蕭允治教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
Prof Kai Sun 孫凱教授	University of Tennessee 田納西大學	12/2021
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	The Hong Kong Polytechnic University 香港理工大學	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-kiwok 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



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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Cho-li Wang 王卓立教授	The University of Hong Kong 香港大學	1/2017
Prof Grace Guiling Wang	New Jersey Institute of Technology 新澤西理工學院	11/2020
Prof Honggang Wang	University of Massachusetts Dartmouth 馬薩諸塞大學達特茅斯分校	11/2021
Prof Jianping Wang 汪建平教授	City University of Hong Kong 香港城市大學	11/2018
Prof Shengwei Wang 王盛衛教授	The Hong Kong Polytechnic University 香港理工大學	11/2021
Prof Steve Wilcox	University of the Sunshine Coast 陽光海岸大學	2/2019
Prof Kelvin S K Wong 黃紹基教授	The University of Hong Kong 香港大學	11/2020
Prof Dapeng Oliver Wu 吳大鵬教授	City University of Hong Kong 香港城市大學	12/2014
Prof Min Wu 吳旻教授	University of Maryland 馬里蘭大學	11/2021
Prof Wei Wu	University of Natural Resources and Life Sciences	11/2021
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 Mo Yang 楊莫教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
Prof Yuanyuan Yang 楊圓圓教授	Stony Brook University 石溪大學	11/2018
Prof Anthony Gar-on Yeh 葉嘉安教授	The University of Hong Kong 香港大學	11/2020
Prof G S Yin 尹國聖教授	The University of Hong Kong 香港大學	3/2022
Prof Ben Young 楊立偉教授	The Hong Kong Polytechnic University 香港理工大學	3/2020

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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Patrick Yue 俞捷教授	The Hong Kong University of Science and Technology 香港科技大學	11/2017
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 Tongyi Zhang 張統一教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022



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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)
Humanities and Social Sciences 人文學及社會科學		
Prof Cindy Fan (Chairman) 范芝芬教授 (主席)	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	11/2010
Prof Pui-wa Lei (Deputy Chairman – Joint Research Schemes) 李佩華教授 (副主席 – 合作研究計劃)	The Pennsylvania State University 賓夕法尼亞州立大學	2/2022
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 Hua Zhu 祝華教授 (Chairman, Psychology and Linguistics Sub-Panel) (心理學及語言學分組主席)	University College London 倫敦大學學院	11/2017
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 Kathleen Ahrens 安可思教授	The Hong Kong Polytechnic University 香港理工大學	11/2020
Prof Larry Catá Backer 白軻教授	The Pennsylvania State University 賓夕法尼亞州立大學	12/2018
Prof Brian James Baer	Kent State University 肯特州立大學	11/2020
Prof Michael Berry 白睿文教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	1/2017

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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Ivica Ico Bukvic	Virginia Polytechnic Institute and State University 維珍尼亞理工學院暨州立大學	11/2021
Prof Casey Burkholder	University of New Brunswick 紐賓士域大學	11/2019
Prof Elizabeth Bye	University of Minnesota 明尼蘇達大學	3/2021
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉華大學	11/2017
Prof John Carpenter	University of Bristol 布里斯托大學	1/2022
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 May Hung May Cheng 鄭美紅教授	The Education University of Hong Kong 香港教育大學	11/2020
Prof Yin-cheong Cheng 鄭燕祥教授	The Education University of Hong Kong 香港教育大學	3/2022
Prof Hin-tat Cheung 張顯達教授	The Education University of Hong Kong 香港教育大學	1/2017
Prof May Bo Ching 程美寶教授	City University of Hong Kong 香港城市大學	11/2021
Prof Wing-yin Bonnie Chow 周詠妍教授	University College London 倫敦大學學院	3/2022
Dr Samuel KW Chu 朱啟華博士	The University of Hong Kong 香港大學	3/2017
Prof Jacques delisle	University of Pennsylvania 賓夕法尼亞大學	3/2021
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



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Dennis Doordan	University of Notre Dame 聖母大學	11/2021
Prof Ronald Egan 艾朗諾教授	Stanford University 史丹福大學	11/2020
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 David S G Goodman	The University of Sydney 悉尼大學	11/2017
Prof Gemma Yang Gao 高楊教授	Hong Kong Baptist University 香港浸會大學	3/2022
Prof Nan Greenwood	St George's University of London 倫敦大學聖喬治學院	11/2020
Prof Steve Zhongshi Guo 郭中實教授	Hong Kong Baptist University 香港浸會大學	3/2022
Prof Christine M Halse 賀潔婷教授	Deakin University 迪肯大學	11/2017
Prof Wen-Jui Han 韓文瑞教授	New York University 紐約大學	11/2020
Prof Samuel M.Y. Ho 何敏賢教授	City University of Hong Kong 香港城市大學	11/2019
Prof Pasha L. Hsieh	Singapore Management University 新加坡管理大學	3/2022
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 Ann Katherine Isaacs	University of Pisa 比薩大學	3/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Jiehong Jiang 姜節泓教授	Birmingham City University 伯明翰城市大學	1/2018
Prof Kendall A. Johnson 莊競滔教授	The University of Hong Kong 香港大學	11/2018
Prof Rebecca Karl	New York University 紐約大學	11/2021
Prof Ilan Katz	University of New South Wales 新南威爾斯大學	12/2019
Prof Lorna Kendrick	Samuel Merritt University 塞繆爾梅里特大學	11/2021
Prof Suk-Young Kim	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	11/2021
Prof Gina W.F. Lai 賴蘊寬教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Jennifer Lau	Queen Mary University of London 倫敦瑪麗王后大學	11/2021
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 Eliza W. Y. Lee 李詠怡教授	The University of Hong Kong 香港大學	11/2021
Prof Jie Li 李潔教授	Harvard University 哈佛大學	11/2021
Prof Sandy S C Li 李兆璋教授	Hong Kong Baptist University 香港浸會大學	12/2018
Prof Wai-yee Li 李惠儀教授	Harvard University 哈佛大學	3/2022
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
Prof Yu-li Liu 劉幼琍教授	City University of Hong Kong 香港城市大學	11/2020
Prof Meichun Liu 劉美君教授	City University of Hong Kong 香港城市大學	3/2018



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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Carlos WH Lo 盧永鴻教授	The Chinese University of Hong Kong 香港中文大學	11/2017
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 Tejaswini Niranjana 寧蒂珠教授	Ahmedabad University 艾哈默德巴德大學	11/2020
Prof Michael O'Sullivan 麥可•歐蘇利文教授	Independent Scholar	11/2020
Prof Diane Pecorari	City University of Hong Kong 香港城市大學	11/2020
Prof Franklin Perkins	University of Hawai'i at Mānoa 夏威夷大學馬諾阿分校	12/2017
Prof Shih-Lung Shaw 蕭世倫教授	The University of Tennessee 田納西大學	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 Céline Yunya Song 宋韻雅教授	Hong Kong Baptist University 香港浸會大學	3/2022
Prof James A. Steintrager	University of California, Irvine 加利福尼亞大學爾灣分校	11/2018
Prof Wilson Wai-san Tam 譚偉新教授	National University of Singapore 新加坡國立大學	3/2022
Prof Hongyin Tao 陶紅印教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	11/2021
Prof Michael Tawa	The University of Sydney 悉尼大學	11/2017
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 2021/22 附錄 C：委員會／學科小組 2021/22 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 Fahui Wang 王法輝教授	Louisiana State University 路易斯安那州立大學	11/2021
Prof David Wong 黃永信教授	George Mason University 喬治梅森大學	11/2021
Prof Patrick CM Wong 黃俊文教授	The Chinese University of Hong Kong 香港中文大學	1/2017
Prof Evaon Wong-Kim 王竹蘭教授	Samuel Merritt University 塞繆爾梅里特大學	11/2020
Prof Laurence James Wood	The Education University of Hong Kong 香港教育大學	11/2020
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 Mei Zhan	University of California, Irvine 加利福尼亞大學爾灣分校	11/2018
Prof Xiaoling Zhang 張曉玲教授	City University of Hong Kong 香港城市大學	3/2022
Prof Lei Zhong 鍾磊教授	The Chinese University of Hong Kong 香港中文大學	11/2019

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Subject Panels

學科小組

Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Physical Sciences 自然科學		
Prof William Ireland Milne (Chairman) (主席)	University of Cambridge 劍橋大學	11/2013
Prof Arie Iserles (Deputy Chairman – Joint Research Schemes) (副主席－合作研究計劃)	University of Cambridge 劍橋大學	2/2021
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 Grant Allen	The University of Manchester 曼徹斯特大學	11/2021
Prof Arthur Chan	University of Toronto 多倫多大學	3/2022
Prof Mike Ashfold	University of Bristol 布里斯托大學	11/2021
Prof David Carey	University of Surrey 薩里大學	11/2021
Prof Johnny CL Chan 陳仲良教授	City University of Hong Kong 香港城市大學	1/2017
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 Yun Chi 季昀教授	City University of Hong Kong 香港城市大學	3/2022
Prof Pauline Chiu 趙寶貽教授	The University of Hong Kong 香港大學	2/2019
Prof Eric Tsz-shun Chung 鍾子信教授	The Chinese University of Hong Kong 香港中文大學	3/2022

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Panel Member 學科小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Jimmy Chi-hung Fung 馮志雄教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
Prof Jonathan Cooper	University of Glasgow 格拉斯哥大學	11/2021
Prof Les Field	University of New South Wales 新南威爾斯大學	11/2021
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 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
Prof Lancelot F. James 在林壽教授	The Hong Kong University of Science and Technology 香港科技大學	11/2020
Prof Alex Jen 任廣禹教授	City University of Hong Kong 香港城市大學	3/2022
Prof Jimmy Jiao 焦赳赳教授	The University of Hong Kong 香港大學	3/2021
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-yee Kwong 鄭福兒教授	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 Chun-sing Lee 李振聲教授	City University of Hong Kong 香港城市大學	3/2022
Prof Young Hee Lee	Sungkyunkwan University 成均館大學	11/2019
Prof Conan Nai-chung Leung 梁灑聰教授	The Chinese University of Hong Kong 香港中文大學	2/2019
Prof Zhenyang Lin 林振陽教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
Prof Hongyu Liu 劉宏宇教授	City University of Hong Kong 香港城市大學	11/2018
Prof Chengde Mao 毛誠德教授	Purdue University 普渡大學	4/2019



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Alexis Markovits	Pierre and Marie Curie University 皮埃爾和瑪麗•居里大學	3/2022
Prof Aleksandar Mijatovic	University of Warwick 華威大學	11/2021
Prof Chung-Yu Mou	National Tsing Hua University 國立清華大學	11/2021
Prof Dennis Kee-pui Ng 吳基培教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Pablo Ordejón	Catalan Institute of Nanoscience and Nanotechnology 西班牙加泰羅尼亞納米科學和納米技術研究所	11/2021
Prof John R Owen	University of Southampton 南安普敦大學	11/2017
Prof Jong-shi Pang	University of Southern California 南加州大學	3/2021
Prof Andrey Rogach	City University of Hong Kong 香港城市大學	3/2018
Prof Defeng Sun 孫德鋒教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
Prof Hongzhe Sun 孫紅哲教授	The University of Hong Kong 香港大學	11/2020
Prof Min Sun 孫敏教授	The University of Hong Kong 香港大學	11/2019
Prof Christopher Tout	University of Cambridge 劍橋大學	3/2018
Prof Ophelia K C Tsui 徐崑翠教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
Prof Jianfang Wang 王建方教授	The Chinese University of Hong Kong 香港中文大學	3/2018
Prof Junhui Wang 王軍輝教授	The Chinese University of Hong Kong 香港中文大學	3/2022
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

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Vivian W.W. Yam 任詠華教授	The University of Hong Kong 香港大學	11/2019
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 Jianzhen Yu 郁建珍教授	The Hong Kong University of Science and Technology 香港科技大學	11/2020
Prof Hua Zhang 張華教授	City University of Hong Kong 香港城市大學	3/2021
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



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Collaborative Research Fund Selection Panel

協作研究金評審小組

Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Paul K L Yu (Chair) 余劫離教授 (主席)	University of California, San Diego 加利福尼亞大學聖地牙哥分校	7/2017
Prof Pedro J. Alvarez	Rice University 萊斯大學	3/2020
Dr Amitava Banerjee	University College London 倫敦大學學院	7/2020
Prof Rudolf Bauer 鮑儒德教授	University of Graz 卡爾·弗朗岑斯格拉茨大學	7/2020
Prof Yuri Bazilevs	Brown University 布朗大學	7/2020
Prof Seth Blackshaw	Johns Hopkins University 約翰霍普金斯大學	3/2020
Prof Ronaldo I. Borja	Stanford University 史丹福大學	3/2020
Prof Pierre Braunstein	University of Strasbourg 斯特拉斯堡大學	3/2021
Prof Catherine L. Brinson	Duke University 杜克大學	3/2020
Prof Casey Burkholder	University of New Brunswick 紐賓士域大學	7/2020
Prof Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎醫學院	3/2020
Prof Elizabeth Bye	University of Minnesota 明尼蘇達大學	3/2021
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉華大學	3/2021
Prof Wesley Cantwell	Khalifa University, Abu Dhabi 阿布扎比哈利法大學	7/2020
Prof Jian Cao 曹簡教授	Northwestern University 西北大學	7/2020
Prof Jiun-shyan Chen 陳俊賢教授	University of California, San Diego 加利福尼亞大學聖地牙哥分校	7/2016

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Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Meng Chen 陳濠教授	University of California, Riverside 加利福尼亞大學河濱分校	3/2020
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	3/2020
Prof Ying Cheong	University of Southampton 南安普敦大學	3/2020
Prof George T.C. Chiu 邱祚之教授	Purdue University 普渡大學	7/2020
Prof Ken Chong 張建平教授	The George Washington University 喬治華盛頓大學	3/2021
Dr Rajiv Chowdhury 拉吉夫·喬杜里博士	University of Cambridge 劍橋大學	7/2020
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 Zheng Dong 董政教授	Augusta University 奧古斯塔大學	3/2020
Prof Michael P Doyle 邁克爾·多伊教授	The University of Texas at San Antonio 德克薩斯大學聖安東尼奧分校	7/2015
Prof Lucy Dunne	University of Minnesota 明尼蘇達大學	7/2020
Prof Thomas Efferth	Johannes Gutenberg University Mainz 約翰尼斯·古騰堡-美茵茲大學	3/2021
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	8/2017
Prof James Fawcett	University of Cambridge 劍橋大學	11/2019
Prof Eric A. Feldman 費艾克教授	University of Pennsylvania 賓夕法尼亞大學	7/2020
Prof Sandy Feng	University of California, San Francisco 加利福尼亞大學舊金山分校	3/2021
Prof Ronald Fischer	Victoria University of Wellington 威靈頓維多利亞大學	7/2020



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Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Nasr M. Ghoniem	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	3/2021
Prof Xiaohua Gong	University of California, Berkeley 加利福尼亞大學柏克萊分校	3/2021
Prof Gian Francesco Giudice 吉安•弗朗切斯科•朱迪切教授	The European Organization for Nuclear Research 歐洲核子研究組織	3/2020
Prof David Stephen Gordon Goodman 古德曼教授	The University of Sydney 悉尼大學	3/2020
Prof Jennifer Rubin Grandis	University of California, San Francisco 加利福尼亞大學舊金山分校	3/2020
Prof Nan Greenwood	St George's University of London 倫敦大學聖喬治學院	3/2021
Dr Jonathan Grimes	Oxford University 牛津大學	7/2020
Dr Julio C. Guerrero	Massachusetts Institute of Technology 麻省理工學院	7/2020
Prof Thomas H. Hahn	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	7/2020
Prof Wen-Jui Han	New York University 紐約大學	3/2021
Prof Stephen John Hawkins	University of Southampton 南安普敦大學	3/2020
Prof Nicholas J. Higham	The University of Manchester 曼徹斯特大學	3/2021
Prof Kirill V. Horoshenkov	The University of Sheffield 雪菲爾大學	3/2020
Prof Grace Yick Hsuan	Drexel University 德雷塞爾大學	7/2020
Prof Woonghee Tim Huh	University of British Columbia 英屬哥倫比亞大學	7/2020
Prof Lam Hui 許林教授	Columbia University 哥倫比亞大學	3/2020
Prof William N Hunter	University of Dundee 鄧迪大學	3/2020
Prof Jiehong Jiang 姜節泓教授	Birmingham City University 伯明翰城市大學	3/2021

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Panel Member 小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Prof Zhigang Jiang 江志剛教授	Georgia Institute of Technology 喬治亞理工學院	3/2021
Prof Zhuo Jing-Schmidt 井苗教授	University of Oregon 俄勒岡大學	3/2021
Prof Ladd Johnson	Laval University 拉瓦爾大學	3/2020
Prof Raymond Man-pao 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	3/2020
Prof Ilan Katz	University of New South Wales 新南威爾斯大學	3/2021
Dr Julia Kenyon	University of Cambridge 劍橋大學	7/2020
Prof Kay Tee Khaw	University of Cambridge 劍橋大學	3/2020
Prof Arthur Kim	Massachusetts General Hospital 麻省總醫院	7/2020
Prof Philip T Krein	The University of Illinois at Urbana-Champaign 伊利諾大學厄巴納－香檳分校	3/2020
Dr. Jessica CF Kwok	University of Leeds 列斯大學	3/2021
Prof Mansun Law	The Scripps Research Institute 斯克里普斯研究所	3/2020
Prof Ping-yee Law	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	7/2021
Prof Ting-Kuo Lee 李定國教授	National Sun Yat-sen University 國立中山大學	3/2020
Prof Young Hee Lee 李永熙教授	Sungkyunkwan University 成均館大學	3/2021
Prof Puiwa Lei	Pennsylvania State University 賓夕法尼亞州立大學	3/2021
Prof Brendan M Leung	Dalhousie University 戴爾豪斯大學	7/2020
Prof Andrew Michael Lever	University of Cambridge 劍橋大學	3/2020



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Baochun Li 李葆春教授	University of Toronto 多倫多大學	3/2020
Prof Jun Li	Stanford University 史丹福大學	3/2021
Prof Eddy Foo-yew Liew 劉富友教授	University of Glasgow 格拉斯哥大學	7/2020
Prof Jeffrey Liew	Texas A&M University 德州農工大學	7/2020
Prof Wing-kam Liu 廖榮錦教授	Northwestern University 西北大學	3/2020
Prof Kenneth J Loh	University of California, San Diego 加利福尼亞大學聖地牙哥分校	3/2020
Prof Jon Longtin	Stony Brook University 石溪大學	7/2021
Prof Peter Lucas	Leiden University 萊頓大學	7/2021
Prof Gigi Luk 陸智敏教授	McGill University 麥基爾大學	3/2020
Prof Geraldine Macdonald	University of Bristol 布里斯托大學	3/2021
Prof Ann MacPhail	University of Limerick 利墨瑞克大學	3/2021
Prof Anita Mak 麥呂瑞華教授	University of Canberra 坎培拉大學	7/2017
Prof Raymond A. Mar	York University 約克大學	7/2020
Prof Muriel Medard	Massachusetts Institute of Technology 麻省理工學院	3/2021
Prof Toby Miller 托比•米勒教授	Loughborough University 拉夫堡大學	3/2021
Prof William Ireland Milne	University of Cambridge 劍橋大學	9/2017
Dr Hoi Ping Mok	University of Cambridge 劍橋大學	7/2020
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大學	3/2020

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Stephen T Newman	University of Bath 巴斯大學	3/2021
Prof Kevin O`Shaughnessy	University of Cambridge 劍橋大學	3/2020
Prof John R Owen	University of Southampton 南安普敦大學	3/2020
Prof George J. Pappas	University of Pennsylvania 賓夕法尼亞大學	7/2020
Prof Witold Pedrycz	University of Alberta 阿爾伯塔大學	7/2020
Dr Alexander Ploss	Princeton University 普林斯頓大學	7/2020
Prof Peter Polverini	University of Michigan 密芝根大學	7/2021
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－維滕貝格大學	3/2020
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科學研究所	3/2020
Dr Shih-lung Shaw 蕭世倫教授	The University of Tennessee 田納西大學	7/2020
Prof Pei-Yong Shi 史佩勇教授	The University of Texas 德克薩斯大學	7/2020
Prof Weisong Shi 施巍松教授	Wayne State University 韋恩州立大學	3/2021
Prof Geoffrey L Smith	University of Cambridge 劍橋大學	3/2021
Prof James A. Steintrager	University of California, Irvine 加利福尼亞大學爾灣分校	7/2021
Prof Richard Strugnell	The University of Melbourne 墨爾本大學	7/2016
Prof Steve Waiching Sun 孫維正教授	Columbia University 哥倫比亞大學	7/2020
Prof Hong Tang	Yale University 耶魯大學	3/2020
Prof Dacheng Tao 陶大程教授	The University of Sydney 悉尼大學	7/2020



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Michael Tawa	The University of Sydney 悉尼大學	7/2020
Prof Simon F.B. Tett	University of Edinburgh 愛丁堡大學	3/2020
Prof Christopher Tout	University of Cambridge 劍橋大學	3/2020
Prof Grace Guiling Wang	New Jersey Institute of Technology 新澤西理工學院	3/2021
Dr Jian Wang	Peking University 北京大學	3/2021
Prof Xiao-Fan Wang 王小凡教授	Duke University 杜克大學	3/2020
Prof Yi Wang	Cornell University 康奈爾大學	3/2021
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加利福尼亞大學河濱分校	3/2020
Prof Nancy Wong	University of Wisconsin-Madison 威斯康辛大學麥迪遜分校	3/2020
Prof Evaon Wong-Kim	Samuel Merritt University 塞繆爾梅里特大學	7/2021
Prof Dapeng Oliver Wu 吳大鵬教授	University of Florida 佛羅里達大學	7/2020
Prof Weiping Wu 吳維平教授	Columbia University 哥倫比亞大學	3/2020
Prof Tao Xie 謝濤教授	Peking University 北京大學	3/2020
Prof Sean Xin Xu 徐心教授	Tsinghua University 清華大學	7/2021
Prof Cary Yang 楊遠偉教授	Santa Clara University 聖塔克拉拉大學	3/2020
Prof Xian-Jie Yang	University of California 加利福尼亞大學	3/2020
Prof Edward S Yeung 楊仕成教授	Iowa State University 愛荷華州立大學	7/2014
Prof Hongtao Yu 于洪濤教授	The University of Texas 德克薩斯大學	3/2020

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 May Yuan 袁玫教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	3/2020
Prof Mei Zhan 詹梅教授	University of California, Irvine 加利福尼亞大學爾灣分校	7/2020
Prof Tian Cheng Zhang 張天成教授	Columbia University 哥倫比亞大學	3/2020
Prof Michael Q Zhang 張奇偉教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	7/2020
Prof Huibing Harold Zhang 張慧冰教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	7/2020



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 年度成員名單

Collaborative Research Projects Steering Committee 協作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	6/2021
Prof Ronaldo Borja	Stanford University 史丹福大學	6/2021
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	6/2021
Prof James Fawcett	University of Cambridge 劍橋大學	6/2021
Prof Raymond Man-pao Kan 簡文豹教授	University of Toronto 多倫多大學	6/2021
Prof William Ireland Milne	University of Cambridge 劍橋大學	6/2021
Prof Paul K L Yu 余劫離教授	University of California, San Diego 加利福尼亞大學聖地牙哥分校	6/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 年度成員名單



Areas of Excellence Selection Panel

卓越學科領域計劃遴選小組

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 Larry Catá Backer 白軻教授	The Pennsylvania State University 賓夕法尼亞州立大學	10/2021
Prof Ronaldo Borja	Stanford University 史丹福大學	7/2021
Prof Catherine Brinson	Duke University 杜克大學	10/2021
Prof Ralf Bundschuh	The Ohio State University 俄亥俄州立大學	3/2020
Prof Wesley Cantwell	Khalifa University of Science Technology and Research 哈利法科技研究大學	4/2020
Prof Yingying Chen	Rutgers, The State University of New Jersey 新澤西州立羅格斯大學	10/2021
Prof Yiran Chen 陳怡然教授	Duke University 杜克大學	10/2021
Prof George T C Chiu 邱祚之教授	Purdue University 普渡大學	10/2021
Prof Jonathan Chubb	University College London 倫敦大學學院	3/2022
Prof Paul Clark	The University of Auckland 奧克蘭大學	4/2020
Prof Joseph Dennis 戴思哲教授	University of Wisconsin-Madison 威斯康辛大學麥迪遜分校	10/2021
Prof Horacio D Espinosa	Northwestern University 西北大學	10/2021
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	7/2018
Prof James Fawcett	University of Cambridge 劍橋大學	9/2019
Prof Ronald Fischer	Victoria University of Wellington 威靈頓維多利亞大學	10/2021



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Nasr M Ghoniem	University of California, Los Angeles 加利福尼亞大學洛杉磯分校	10/2021
Dr Julio C Guerrero	Exponent, Inc.	10/2021
Prof Lam Hui 許林教授	Columbia University 哥倫比亞大學	3/2020
Prof Raymond Man-pao 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	3/2018
Prof Kay Tee Khaw	University of Cambridge 劍橋大學	3/2020
Prof Andrew Lever	University of Cambridge 劍橋大學	10/2021
Prof Wing-kam Liu 廖榮錦教授	Northwestern University 西北大學	3/2016
Prof Jon Longtin	Stony Brook University 石溪大學	11/2020
Prof William Ireland Milne	University of Cambridge 劍橋大學	9/2017
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大學	10/2021
Prof Stephen T Newman	University of Bath 巴斯大學	10/2021
Prof John R Owen	University of Southampton 南安普敦大學	10/2021
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－維滕貝格大學	3/2020
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科學研究所	10/2021
Prof Richard Strugnell	The University of Melbourne 墨爾本大學	10/2021
Prof Steve Wai-ching Sun 孫維正教授	Columbia University 哥倫比亞大學	10/2021
Prof Michael Tawa	The University of Sydney 悉尼大學	10/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲莎大學	4/2020
Prof Dapeng Oliver Wu 吳大鵬教授	City University of Hong Kong 香港城市大學	10/2021
Prof Yuanyuan Yang 楊圓圓教授	Stony Brook University 石溪大學	10/2021
Prof Hongtao Yu 于洪濤教授	Westlake University 西湖大學	4/2020
Prof Paul K L Yu 余劫離教授	University of California, San Diego 加利福尼亞大學聖地牙哥分校	3/2018
Prof Mei Zhan	University of California, Irvine 加利福尼亞大學爾灣分校	10/2021
Prof Harold Zhang 張慧冰教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	3/2020



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Pedro J. Alvarez	Rice University 萊斯大學	7/2021
Prof Ronaldo Borja	Stanford University 史丹福大學	7/2021
Prof Catherine Brinson	Duke University 杜克大學	7/2021
Prof Wesley Cantwell	Khalifa University of Science Technology and Research 哈利法科技研究大學	7/2020
Prof Sabri Cetin	University of Illinois at Chicago 伊利諾大學芝加哥分校	7/2016
Prof Andrew Tat Tin Ching	Johns Hopkins University 約翰霍普金斯大學	7/2021
Prof George T C Chiu 邱祚之教授	Purdue University 普渡大學	7/2021
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 加利福尼亞大學洛杉磯分校	8/2017
Prof James Fawcett	University of Cambridge 劍橋大學	9/2019
Prof Raymond Man-pao 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	8/2017
Prof Kay Tee Khaw	University of Cambridge 劍橋大學	7/2020
Prof Mansun Law	The Scripps Research Institute 斯克里普斯研究所	7/2020
Prof Chao-jun Li	McGill University 麥基爾大學	7/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Fanxin Long	University of Pennsylvania 賓夕法尼亞大學	7/2020
Prof Sylvie Lorente	Villanova University 維拉諾華大學	8/2019
Prof William Ireland Milne	University of Cambridge 劍橋大學	9/2019
Mr Victor Ng 吳國豪先生	Micom Tech Limited	8/2019
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－維滕貝格大學	7/2020
Prof Richard Strugnell	The University of Melbourne 墨爾本大學	7/2020
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 Nancy Y Wong	University of Wisconsin-Madison 威斯康辛大學麥迪遜分校	7/2020
Prof Yuanyuan Yang 楊圓圓教授	Stony Brook University 石溪大學	7/2021
Prof Hongtao Yu 于洪濤教授	Westlake University 西湖大學	4/2020
Prof Paul K L Yu 余劫離教授	University of California, San Diego 加利福尼亞大學聖地牙哥分校	7/2015
Prof Harold Zhang 張慧冰教授	The University of Texas at Dallas 德克薩斯大學達拉斯分校	10/2018



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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	12/2017
Ir Dr Hon-fai Chan, BBS 陳漢輝博士	Cinotech Consultants Limited 漢臻顧問有限公司	12/2021
Prof Wai-yee Chan 陳偉儀教授	The Chinese University of Hong Kong 香港中文大學	12/2021
Prof Shuk-han Cheng 鄭淑嫻教授	City University of Hong Kong 香港城市大學	12/2017
Dr Nim-kwan Cheung 張念坤先生	Alphotonics Limited	1/2020
Prof Yike Guo 郭毅可教授	Hong Kong Baptist University 香港浸會大學	12/2021
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	12/2017
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	12/2017
Prof Ting-chuen Pong 龐鼎全教授	The Hong Kong University of Science and Technology 香港科技大學	12/2017
Mr Ming-yam Wong, SBS, JP 王明鑫先生, SBS, JP	Innolink Investments Limited 崇賢投資有限公司	12/2017
Prof Richard Yue-chim Wong, SBS, JP 王于漸教授, SBS, JP	The University of Hong Kong 香港大學	12/2017
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	12/2017
Prof Charles Surya (Ex-officio Member) 徐星全教授 (當然成員)	Innovation and Technology Commission 創新科技署	2/2020

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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	King's College London 倫敦國王學院	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 Brian James Baer	Kent State University 肯特州立大學	3/2021
Prof Eileen Breslin	The University of Texas 德克薩斯大學	4/2018
Prof Heather Campbell	University of British Columbia 英屬哥倫比亞大學	5/2018
Prof Yihai Cao 曹義海教授	Karolinska Institutet 卡羅琳斯卡學院	3/2021
Prof Xiao-Ping Chen 陳曉萍教授	University of Washington 華盛頓大學	3/2018
Prof George T. C. Chiu 邱祚之教授	Purdue University 普渡大學	5/2020
Prof Ken P Chong 張建平教授	The George Washington University 喬治華盛頓大學	3/2021
Prof Justin Jang Hann Chu	National University of Singapore 新加坡國立大學	3/2021
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 Hanming Fang 方漢明教授	University of Pennsylvania 賓夕法尼亞大學	5/2020
Prof William Grabe	Northern Arizona University 北亞利桑那大學	4/2018
Prof Jianguo Guan 官建國教授	Wuhan University of Technology 武漢理工大學	4/2018



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Brad Holschuh	University of Minnesota 明尼蘇達大學	3/2021
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 Zhigang Jiang 江志剛教授	Georgia Institute of Technology 喬治亞理工學院	5/2018
Dr Sunil Kukreja	Scientific Systems Company, Inc.	4/2018
Prof Terry Lamb	University of Westminster 西敏寺大學	4/2018
Prof Seung-Wuk Lee	University of California, Berkeley 加利福尼亞大學伯克利分校	4/2018
Prof Kai Li	University of British Columbia 英屬哥倫比亞大學	5/2020
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
Prof Shaofan Li 李少凡教授	University of California, Berkeley 加利福尼亞大學伯克利分校	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 田納西大學	4/2018
Prof Peter Lucas	University of Twente 屯特大學	5/2018
Prof Vincent Mak 麥華嵩教授	University of Cambridge 劍橋大學	4/2018
Prof Stuart Maudsley	University of Antwerp 安特衛普大學	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 雪菲爾德大學	5/2018
Prof Ray Owens	University of Oxford 牛津大學	4/2018

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Jian Pei 裴健教授	Duke University 杜克大學	5/2018
Prof Luis Perez-Gonzalez	University of Agder 阿格德爾大學	3/2021
Mr Michael Pidd	The University of Sheffield 雪菲爾德大學	5/2018
Prof Dong Qian	University of Texas at Dallas 德克薩斯大學達拉斯分校	3/2021
Prof Subramanian Ramaswamy	Purdue University 普渡大學	4/2018
Prof Matthias Schwab	University of Tübingen 杜賓根大學	4/2018
Prof Steve Waiching Sun 孫維正教授	Columbia University 哥倫比亞大學	3/2021
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
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 Won-Sub Yoon	Sungkyunkwan University 成均館大學	4/2018
Prof Raymond Yung	University of Michigan 密芝根大學	4/2018
Prof Yongjie Jessica Zhang	Carnegie Mellon University 卡尼基美隆大學	5/2018
Prof Qiang Zhang	Tsinghua University 清華大學	4/2022
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 2021/22 附錄 C：委員會／學科小組 2021/22 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 Yuk-shan Wong, SBS, JP (Chairman) 黃玉山教授, SBS, JP (主席)	Hong Kong Metropolitan University (formerly) 香港都會大學(前)	3/2021
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 2021/22 附錄 C：委員會／學科小組 2021/22 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 Ngai-hang Chan (Subject Convenor (Physical Sciences)) 陳毅恆教授 (學科召集人(自然科學))	The Chinese University of Hong Kong 香港中文大學	3/2022
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	9/2016
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
Prof Simon Tak-mau Chan 陳德茂教授	Hong Kong Baptist University 香港浸會大學	3/2022
Prof Louis Tsz-wan Cheng 鄭子云教授	The Hang Seng University of Hong Kong 香港恒生大學	3/2022



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Christy Mei-kwan Cheung 張美君教授	Hong Kong Baptist University 香港浸會大學	3/2019
Prof Warren Chi-kwan Chiu 趙之琨教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
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 Alex Jingwei He 和經緯教授	The Education University of Hong Kong 香港教育大學	3/2021
Prof Kin-fai Ho 何建輝教授	The Chinese University of Hong Kong 香港中文大學	3/2020
Prof Daniel Sai-yin Ho 何世賢教授	The University of Hong Kong 香港大學	3/2021
Prof Jiewen Hong 洪潔雯教授	The Hong Kong University of Science and Technology 香港科技大學	3/2022
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 Sylvia Yuk-ching Kwok Lai 郭黎玉晶教授	City University of Hong Kong 香港城市大學	3/2021
Prof Ching-man Lam 林靜雯教授	Caritas Institute of Higher Education 明愛專上學院	3/2022
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 Chun-sing Lee 李振聲教授	City University of Hong Kong 香港城市大學	3/2022
Prof Thomas Hun-tak Lee 李行德教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Joe Shing-yip Lee 李成業教授	The Chinese University of Hong Kong 香港中文大學	3/2021
Prof Maggie Wenjie Li 李文捷教授	The Hong Kong Polytechnic University 香港理工大學	3/2022
Prof Wu Liu 劉武教授	The Hong Kong Polytechnic University 香港理工大學	3/2021
Prof Huijing Lu 陸慧菁教授	The Hong Kong Polytechnic University 香港理工大學	3/2022

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Haihua Pan 潘海華教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Alan Tze-kin Wan 溫子堅教授	City University of Hong Kong 香港城市大學	3/2022
Prof Philips Fu-lee Wang 王富利教授	Hong Kong Metropolitan University 香港都會大學	3/2022
Prof Hau-san Wong 黃厚生教授	City University of Hong Kong 香港城市大學	3/2020
Prof Frances Kam-yuet Wong 黃金月教授	The Hong Kong Polytechnic University 香港理工大學	3/2021
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 Chris Fei Shen 沈菲教授	City University of Hong Kong 香港城市大學	3/2022
Prof Hong-xing Yang 楊洪興教授	The Hong Kong Polytechnic University 香港理工大學	3/2020
Prof Ruo-wei Yang 楊若薇教授	Hong Kong Shue Yan University 香港樹仁大學	3/2022
Prof Zhong-ping Yao 姚鍾平教授	The Hong Kong Polytechnic University 香港理工大學	3/2019
Prof Bennett Chi-kin Yim 嚴志堅教授	The University of Hong Kong 香港大學	3/2022
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
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸會大學	3/2021
Prof Celeste Yuet-mui Yuen 袁月梅教授	The Chinese University of Hong Kong 香港中文大學	3/2022
Prof Lixing Zhu 朱力行教授	Hong Kong Baptist University 香港浸會大學	3/2022



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 年度成員名單

Hong Kong PhD Fellowship Scheme Selection Panels

香港博士研究生獎學金計劃遴選小組

Panel Member 遴選小組成員	Institution 所屬機構	Appointed in (Month/Year) 委任於(月/年)
Humanities, Social Sciences and Business Studies 人文學、社會科學及商科		
Prof Alister Cumming (Chairman) (主席)	University of Toronto 多倫多大學	6/2020
Prof Peng Hwa Ang	Nanyang Technological University 南洋理工大學	1/2021
Prof Maurice Benayoun	City University of Hong Kong 香港城市大學	1/2021
Prof Liliana Bove	The University of Melbourne 墨爾本大學	1/2021
Prof Jeremy Brown	Simon Fraser University 西門菲莎大學	1/2021
Prof Lai-har Rebecca Chiu 趙麗霞教授	The University of Hong Kong 香港大學	1/2021
Prof Hazel Clark	The New School, New York 新學院(紐約)	1/2021
Prof Averil Coxhead	Victoria University of Wellington 威靈頓維多利亞大學	1/2021
Prof John Erni	Hong Kong Baptist University 香港浸會大學	1/2021
Prof Hualing Fu 傅華伶教授	The University of Hong Kong 香港大學	1/2021
Dr Flora Gu 顧芳博士	The Hong Kong Polytechnic University 香港理工大學	1/2021
Prof Ross Harley	University of New South Wales 新南威爾斯大學	1/2021
Prof Alan Hirvela	Ohio State University 俄亥俄州立大學	1/2021
Prof Guangwei Hu 胡光偉教授	The Hong Kong Polytechnic University 香港理工大學	1/2021
Prof Bin Ke	National University of Singapore 新加坡國立大學	1/2021
Prof Arthur Kramer	Northeastern University 東北大學	1/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 James Lee 李中清教授	The Hong Kong University of Science and Technology 香港科技大學	1/2021
Prof Juan Julie Li 李娟教授	City University of Hong Kong 香港城市大學	1/2021
Prof John R Logan	Brown University 布朗大學	1/2021
Prof Jane Prophet	University of Michigan 密芝根大學	1/2021
Prof Oi-ling Siu 蕭愛鈴教授	Lingnan University 嶺南大學	1/2021
Prof Atara Sivan	Hong Kong Baptist University 香港浸會大學	1/2021
Prof Stuart Sweeney	University of California, Santa Barbara 加利福尼亞大學聖塔芭芭拉分校	1/2021
Prof Chung-piaw Teo	National University of Singapore 新加坡國立大學	1/2021
Prof Yuying Tong 同鈺瑩教授	The Chinese University of Hong Kong 香港中文大學	1/2021
Prof Longxi Zhang 張隆溪教授	City University of Hong Kong 香港城市大學	1/2021



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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)
Sciences, Medicine, Engineering and Technology 科學、醫學、工程及科技		
Prof Richard Strugnell (Chairman) (主席)	The University of Melbourne 墨爾本大學	6/2020
Prof Angela Casini	Technical University of Munich 慕尼黑工業大學	1/2021
Prof Andrew Man-lok Chan 陳文樂教授	The Chinese University of Hong Kong 香港中文大學	1/2021
Prof Matthis Ebert	Heidelberg University 海德堡大學	1/2021
Prof Brian Ford-Lloyd	University of Birmingham 伯明翰大學	1/2021
Prof Makarand Hastak	Purdue University 普渡大學	1/2021
Prof Zhongping Jiang	New York University 紐約大學	1/2021
Prof Judy Jionghua Jin	University of Michigan 密芝根大學	1/2021
Prof Xiao-yuan Li 李曉原教授	The Hong Kong University of Science and Technology 香港科技大學	1/2021
Prof Baochun Li 李葆春教授	University of Toronto 多倫多大學	1/2021
Prof Xing-yi Ling	Nanyang Technological University 南洋理工大學	1/2021
Prof Xiaogang Liu	National University of Singapore 新加坡國立大學	1/2021
Prof Hong Bin Liu 劉紅斌教授	The Hong Kong University of Science and Technology 香港科技大學	1/2021
Prof Jon Mills	Newcastle University 紐卡索大學	1/2021
Prof Barbara Krystyna Pierscionek	Nottingham Trent University 諾丁漢特倫特大學	1/2021
Prof Laura Poole-Warren	University of New South Wales 新南威爾斯大學	1/2021

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Chi-wang Shu	Brown University 布朗大學	1/2021
Dr Tiejun Tong 童鐵軍教授	Hong Kong Baptist University 香港浸會大學	1/2021
Prof Matthew Turner	University of Warwick 華威大學	1/2021
Prof Zuankai Wang 王鑽開教授	City University of Hong Kong 香港城市大學	1/2021
Prof Vincent Wong 黃焯樂教授	The Chinese University of Hong Kong 香港中文大學	1/2021
Prof Rudolf Shiu-sun Wu 胡紹樂教授	The Education University of Hong Kong 香港教育大學	1/2021
Prof Liming Xiong 熊禮明教授	Hong Kong Baptist University 香港浸會大學	1/2021
Prof Jianliang Xu 徐建良教授	Hong Kong Baptist University 香港浸會大學	1/2021
Prof Xiaoqi Yang 楊曉琪教授	The Hong Kong Polytechnic University 香港理工大學	1/2021
Prof Jie George Yuan 袁杰教授	The Hong Kong University of Science and Technology 香港科技大學	1/2021
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸會大學	1/2021
Prof Jun Zou 鄒軍教授	The Chinese University of Hong Kong 香港中文大學	1/2021



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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)
Humanities, Social Sciences and Business Studies Selection Panel 人文學、社會科學及商科遴選小組		
Prof Paul Clark (Chair) (主席)	The University of Auckland 奧克蘭大學	1/2020
Prof Ki-Joon Back	University of Houston 休士頓大學	2/2021
Prof Larry Catá Backer 白軻教授	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 Tat Tin Ching	Johns Hopkins University 約翰霍普金斯大學	2/2022
Prof Ronald Fischer	Victoria University of Wellington 威靈頓維多利亞大學	2/2021
Prof Raymond Man-pao Kan 簡文豹教授	University of Toronto 多倫多大學	2/2020
Prof Jeffrey Liew	Texas A&M University 德州農工大學	2/2022
Prof Gigi Luk 陸智敏教授	McGill University 麥基爾大學	2/2020
Prof Geraldine Macdonald	University of Bristol 布里斯托大學	2/2022
Prof James A. Steintrager	University of California, Irvine 加利福尼亞大學爾灣分校	2/2021
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西門菲莎大學	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 2021/22 附錄 C：委員會／學科小組 2021/22 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)
Sciences, Medicine, Engineering and Technology Selection Panel 科學、醫學、工程及科技遴選小組		
Prof Adrian Dixon	University of Cambridge 劍橋大學	1/2020
Prof Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎醫學院	2/2022
Prof Wesley Cantwell	Khalifa University 哈里發大學	2/2022
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	2/2021
Prof Ying Cheong	University of Southampton 南安普敦大學	2/2020
Prof Jonathan Cooper	University of Glasgow 格拉斯哥大學	2/2022
Prof Nicholas J. Higham	The University of Manchester 曼徹斯特大學	2/2022
Prof Yiu-wing Mai 米耀榮教授	The University of Sydney 悉尼大學	2/2020
Prof William Ireland 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 Stephen T Newman	University of Bath 巴斯大學	2/2021
Prof Peter Polverini	University of Michigan 密芝根大學	2/2022
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



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Dacheng Tao 陶大程教授	The University of Sydney 悉尼大學	2/2021
Prof Xiao-fan Wang 王小凡教授	Duke University 杜克大學	2/2021
Prof Grace Guiling Wang	New Jersey Institute of Technology 新澤西理工學院	2/2022
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

Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 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 Raghavendra Rau (Chairman) (主席)	University of Cambridge 劍橋大學	8/2021
Prof Peter Frederic Cane	University of Cambridge 劍橋大學	7/2020
Prof Yip-wah Chung, BBS 鍾業華教授, BBS	Northwestern University 西北大學	7/2020
Prof Paul K L Yu 余劫離教授	University of California, San Diego 加利福尼亞大學聖地牙哥分校	8/2019
Prof Chunfeng Zhao 趙春風教授	Mayo Clinic 梅約臨床醫學院	8/2021



Appendix C: Committee / Panel Membership 2021/22 附錄 C：委員會／學科小組 2021/22 年度成員名單

Disciplinary Committee (Review)

紀律委員會(覆檢)

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
Prof Phillip Hin-choi Phan 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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