

# 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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大学教育资助委员会主席  
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雷主席：

### 研究资助局二零二一至二二年度报告

研究资助局(研资局)的职权范围其中一项，是本局须透过大学教育资助委员会向政府提交周年工作报告。

现附上研资局的报告，载述本局的第三十一年运作情况。这份年报会载于研资局的网页，以便更多读者可以阅览。

谨请将这份报告呈交香港特别行政区政府。



研究资助局主席黄玉山教授

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”.

对研究资助局(研资局)来说，过去的2021/22年度继续是有活力的，同时亦是丰盛的一年。多项造福研究界的新设举措均广受欢迎，研资局亦因而感到鼓舞。凭藉香港研究学者的干劲和创意，本局的资助项目在多个研究领域持续取得卓越佳绩。

大学教育资助委员会于2021年5月公布「2020年研究评审工作」的结果，70%的研究项目被评为「世界领先」或「国际卓越」水平。这令人鼓舞的结果，再一次彰显我们大学的研究达国际水平，亦证明我们杰出的研究人员多年来努力不懈，全情投入，务求精益求精。

## 研资局2021/22学年的重点活动

### 优配研究金

研资局的财政预算中，超过百分之40的资源拨作优配研究金，资助为数不少的学者进行研究。优配研究金的目的，是在大学为学者提供的研究资助以外，给表现卓越或潜质优厚的学者额外资助。过去一年，研资局收到3 014份不同学科的申请，其中1 054个研究项目获得资助，拨款合共7.81亿元。

### 杰出青年学者计划

杰出青年学者计划旨在培育新进学者，帮助他们为日后的教学及研究事业作好准备。于2021/22学年，研资局共接获418个申请，其中177个研究项目获得资助，总额为1.13亿元，当中七个项目更获评核为「卓越」级别。这些申请人每人可获得「2021/22年度杰出青年学者奖」殊荣。



## 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.

### 协作研究金

协作研究金旨在资助由多名学者合作的跨学科研究项目，希望鼓励研究单位进行更多具创意及高质素的跨学科／跨学院研究项目。于2021/22年度，研资局接获213个申请，其中32个研究项目获得资助，总额为1.93亿元。此外，在第二轮协作研究金2019冠状病毒病及新型传染病一次性研究计划下，研资局共收到115份来自不同学科的初步集体合作研究计划书。最终有16个研究项目获得资助，总额为9,230万元。这些项目跨越社会、经济、工程、商业和人文学科。

### 合作研究计划

研资局分别与内地及其他不同地区资助机构合办合作研究计划，旨在推广及鼓励合作研究及交流。这些合作研究计划为研究项目、旅程及会议／工作坊提供资助。于2021/22学年，研资局分别与不同地区合办七个合作研究计划。

### 人文学及社会科学杰出学者 计划

人文学及社会科学杰出学者计划旨在表扬杰出的人文学及社会科学学者。此计划为人文学及社会科学学科小组辖下的优秀研究人员提供替假教师及资助，让他们专心从事研究及写作。计划不单提供资源聘请替假教师，还包括旅费、生活津贴及发表研究结果的费用。于2021/22学年，九名杰出学者获得资助，总额为294万元。





## 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.

## 主题研究计划

主题研究计划的目的是集中教资会资助大学的学术研究力量，对香港长远发展具策略重要性的主题进行研究。计划共有四个研究主题，名为「剖析疾病及疾病预防」、「建设可持续发展的环境」、「加强香港作为地区及国际商业中心的策略地位」及「促进对香港起重要作用的新兴研究及创新项目」。

研资局辖下的研究主题及题目督导委员会就研究主题及重大挑战题目于2022年6月完成第二次检讨。由2023/24年(第十三轮)计划起，主题四「促进对香港起重要作用的新兴研究及创新项目」将增设两个重大挑战题目，即「量子技术」及「集成电路」。届时四个研究主题下将设有20个重大挑战题目。

研资局在2021/22年(第十一轮)计划共收到69份初步研究建议书(包括17份与2019冠状病毒病及其他新型传染病相关研究的建议书)。经过筛选及严格的学者评审后，研资局拨款3.67亿元，资助共八个研究项目(包括1亿元资助两个与2019冠状病毒病相关的项目)。

## 卓越学科领域计划

卓越学科领域计划协助教资会资助大学巩固及发挥香港在研究方面的现有优势，并使其发展为卓越学科领域。由2022/23年(第十轮)计划起，卓越学科领域计划会每年举办一次及已重新定位，以资助主题研究计划四个研究主题及重大挑战题目范围以外的大型研究项目为主。两个计划的资助模式也已划一。

2022/23年(第十轮)计划于2021年7月展开。研资局共收到19份合资格初步建议书，申请金额约16亿元。拨款结果将于2022年7月公布。



## 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.

## 本地自资学位界别竞逐研究资助计划

研资局于2013年起为本地自资学位界别推出三项研究资助计划，分别名为教员发展计划、跨院校发展计划及院校发展计划。院校发展计划分为两个拨款，即「研究基础设施拨款」和「协作研究拨款」。

研资局在第八轮计划共收到287份申请，其中71个研究项目获得资助，拨款合共6,480万元。申请拨款结果已于2021年9月公布。随着第八轮计划的结束，第九轮计划在2021年11月展开，申请结果将于2022年9月公布。

## 研究影响基金

研究影响基金于2018年成立，旨在鼓励本地学者积极考虑潜在的研究效益，使更广泛的社区能够受惠，并鼓励开展更多学术界以外的研究合作。于2021/22年度，研资局收到128个申请，当中12个研究项目获得资助，总额为7,500万元。

## 香港博士研究生奖学金计划

研资局继续推行香港博士研究生奖学金计划，推动本地高等教育院校国际化。在首十二届计划中，有2 522名来自超过94个国家及地区的申请人脱颖而出，在香港修读博士研究生课程。2021/22学年的奖学金计划的每月津贴和每年的会议及研究活动交通津贴是2.69万和1.35万元。

由于奖学金计划毕业生的素质优良，第十二届(于2021/22学年录取)及之后届别奖学金计划的得奖名额已由250个增加至300个。



## 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.

## 本地研究生学费豁免计划

由2018/19学年开始，政府会为修读教资会资助研究院研究课程的所有本地学生提供学费豁免。在2021/22学年，1 800名学生受惠，豁免的学费总额约7,000万元。

## 研究配对补助金计划

自研究配对补助金计划于2019年8月1日开展以来，计划现已完成十一个申请期；八间教资会资助大学及13间本地自资学位颁授院校中的11间均有递交申请，配对的申请已涉及共约38.2亿元捐款／赞助／研究合约。19间大学／院校已累积获发放共21.8亿元配对补助金。目前有一间大学已获发放5亿元「预设上限」的配对补助金，并已有六间大学及三间院校获取超过5,000万元「最低款额」的配对补助金。第十一个申请期结束后，可供大学／院校继续申请的配对补助金余额约有8.2亿元。

## 研资局博士后奖学金计划

研资局博士后奖学金计划于2019/20学年推行，旨在鼓励博士毕业生投身研究工作，以及为具潜质的研究人员在事业里程早期提供支援。第三届(2022/23)的50名获奖者已于2022年4月接获得奖通知。在36个月的计划期内，每名得奖者每年可获发放津贴以资助其博士后研究员基本薪金与会议及研究活动交通费用。首年津贴额为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.

### 研资局研究学者计划／研资局高级研究学者计划

研资局研究学者计划(RFS)及研资局高级研究学者计划(SRFS)于2019/20学年推行，旨在为教资会资助大学里卓越非凡的副教授级和教授级学者，提供教学及行政职务方面的持续支援，令他们可以专注于研究及发展工作，并为香港培育下一代研究人员。第三届RFS及SRFS计划(2022/23)的得奖名单已于2022年6月获研资局通过。两项计划第三届各有十名获奖者，每名获发放为期60个月的津贴，金额分别约为520万元(RFS)及780万元(SRFS)。两项计划第三届的资助总额约为1.3亿元。

### 研资局公众讲座

为了与市民分享研究成果，研资局自2009年4月起定期举办公众讲座，邀请获研资局资助的学者，向市民介绍他们的研究工作。研资局于2021/22学年分别与香港科学馆及香港中央图书馆合办共八场公众讲座，以「公众健康」、「人类的演化——言语及农业」、「科学与科技——生命的塑造」及「共建自在生活」为题。市民反应热烈。

### 研资局的策略计划

研资局早于2019年底完成第二阶段检讨工作，并制订行动计划落实一系列涵盖资助计划的宗旨和目标、评审过程、首席研究员投放的时间、表格和文件、沟通和参与、开放取用政策、利益冲突，以及不当学术行为的建议。

大部分主要措施的跟进工作进度理想，包括推出新研资局网站、完成有关研资局文件及外部评审员资料库的检讨工作、经研资局咨询后大学将设立审核机制以确保涉及文物之研究行为的操守水平，以及制定新的开放取用计划。

## 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 Education Bureau, the Environmental Protection Department, the Food and Health Bureau, the Innovation and Technology Commission, the Policy Innovation and Co-ordination Office, as well as the UGC Secretariat, the Liaison Group meets 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

研资局正积极跟进余下建议，包括继续加强与研究界别沟通和增加界别参与的活动、开发新电子资料呈交及处理系统，以提升秘书处处理研资局各项资助计划的申请及文件的工作效率等。

为加强政府研究资助机构之间的协调，政府根据检讨研究政策及资助专责小组的建议，于2019年5月成立研究联络小组（联络小组）。作为一个跨部门平台，联络小组由教育局、环境保护署、食物及卫生局、创新科技署、政策创新及统筹办事处以及教资会秘书处的代表组成，并按需要召开会议，在增进研究业界得益的前提下，于研究政策和资助的范畴内，讨论各研究资助机构共同关心的议题，以及探讨各种合作可能性。

在联络小组的支持下，教资会秘书处已开展三项协调措施，包括以技术方案打击重复资助申请、协调各资助机构的开放取用政策，以及建立网站以阐述政府有关研究的政策和资助。技术方案发展已于2021年3月开始推行，以找出怀疑重复的资助申请。而「香港研究一站通」亦于2022年1月全面启用；网站旨在于香港研究领域的各方面，为公众提供更全面的资讯，并让公众对本地研究界所作的贡献，有更深入的认识。

最后，我谨此向过去一年每一个致力研究的同事致以由衷谢意，并提交《研究资助局2021/22年报》。

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

主席  
黄玉山教授, SBS, JP



# The Research Grants Council and its Organisation

## 研究资助局及其架构

### 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<sup>Note</sup> 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*

### 研究资助局的组成

研究资助局(研资局)为大学教育资助委员会(教资会)辖下的半独立咨询组织，于1991年1月1日成立。

研资局的成员由香港特别行政区行政长官委任<sup>注</sup>，包括本地、内地及海外学者，以及本地的非学术界人士，所有成员均以个人身份获委任。研资局2021/22年度的成员名单载于附录A。

### 职权范围

研资局的职权如下：

- 透过教资会，向香港特别行政区政府建议香港高等教育机构在学术研究上的需要，包括鉴定优先范围，以发展一个足以维持学术蓬勃发展和合乎香港需要的学术研究基础。
- 透过高等教育机构，邀请和接受学术人士申请研究资助以及各类研究生申请奖学金；将香港特别行政区政府透过教资会提供的经费拨作研究资助和其他有关支出之用。此外，并负责监管这些拨款的运用，以及最少每年一次透过教资会向香港特别行政区政府报告。

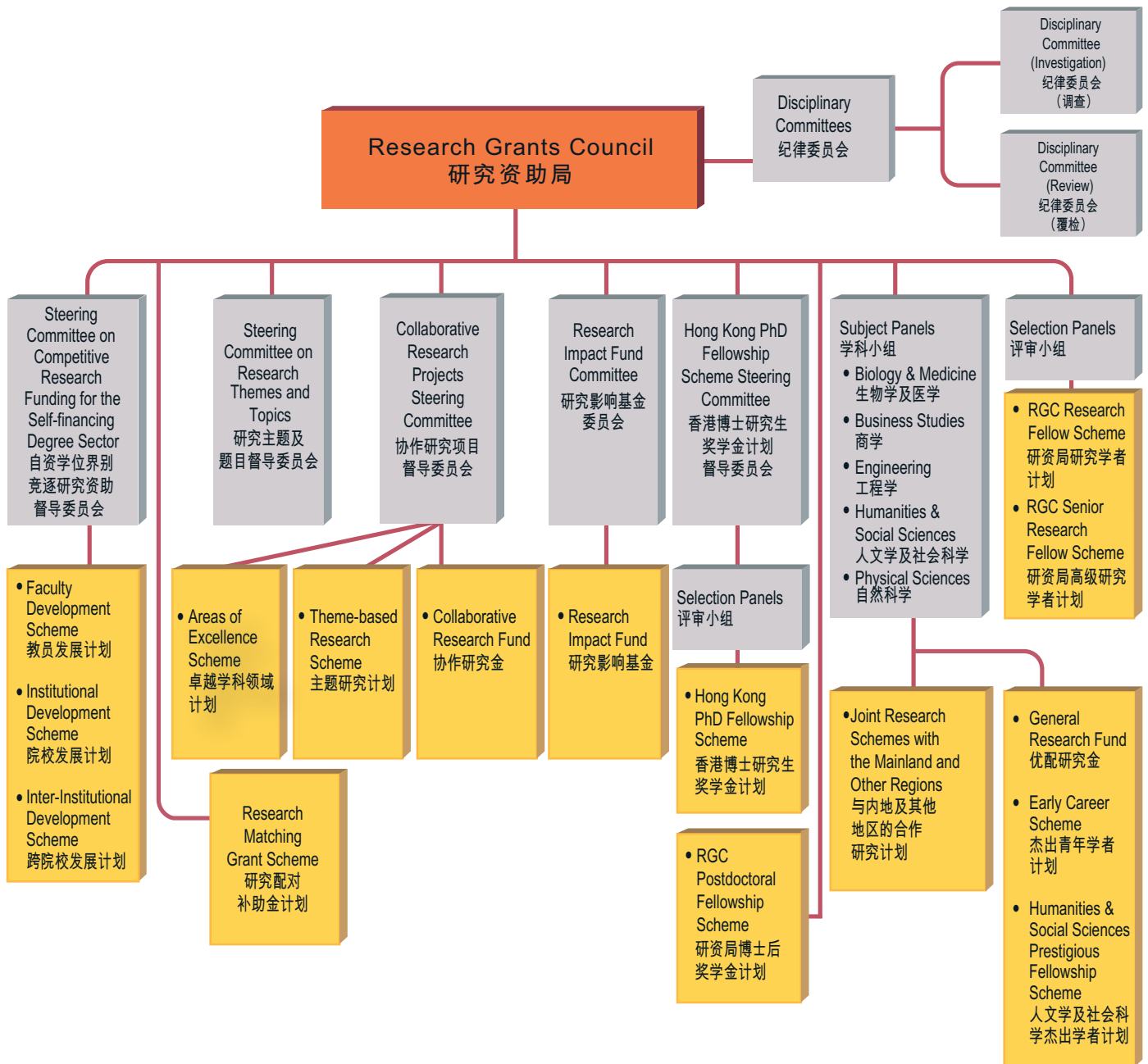
*注 香港特别行政区行政长官授权教育局局长委任研资局的成员。*

# The Research Grants Council and its Organisation

## 研究资助局及其架构



Chart 1.1: RGC Organisational Structure  
表 1.1: 研资局的组织架构





## RGC Research Funding Schemes 研资局研究资助计划

Individual Research 个人研究	Collaborative Research 协作研究	Fellowship 奖学金
<ul style="list-style-type: none"> <li>• General Research Fund 优配研究金</li> <li>• Early Career Scheme 杰出青年学者计划</li> </ul>	<ul style="list-style-type: none"> <li>• Collaborative Research Fund 协作研究金</li> <li>• Research Impact Fund 研究影响基金</li> <li>• Theme-based Research Scheme 主题研究计划</li> <li>• Areas of Excellence Scheme 卓越学科领域计划</li> </ul>	<ul style="list-style-type: none"> <li>• Humanities &amp; Social Science Prestigious Fellowship Scheme 人文学及社会科学杰出学者计划</li> <li>• Hong Kong PhD Fellowship Scheme 香港博士研究生奖学金计划</li> <li>• RGC Postdoctoral Fellowship Scheme 研资局博士后奖学金计划</li> <li>• RGC Research Fellow Scheme 研资局研究学者计划</li> <li>• RGC Senior Research Fellow Scheme 研资局高级研究学者计划</li> </ul>
<h3>Joint Research 合作研究</h3> <ul style="list-style-type: none"> <li>• National Natural Science Foundation of China (NSFC) / RGC Joint Research Scheme 国家自然科学基金委员会及香港研究资助局联合科研资助基金</li> <li>• National Natural Science Foundation of China (NSFC) / RGC Collaborative Research Scheme 国家自然科学基金委员会及香港研究资助局合作研究重点项目计划</li> <li>• The French National Research Agency / RGC Joint Research Scheme 法国国家科研署与香港研究资助局合作研究计划</li> <li>• European Union (EU)-Hong Kong Research and Innovation Cooperation Co-funding Mechanism by RGC 欧洲联盟(欧盟)与香港研究资助局研究及创新合作计划</li> <li>• Germany / Hong Kong Joint Research Scheme 德国与香港合作研究计划</li> <li>• PROCORE — France / Hong Kong Joint Research Scheme 法国与香港合作研究计划</li> <li>• Healthy Longevity Catalyst Awards (Hong Kong) 健康长寿催化创新奖(香港)</li> </ul>		<h3>Schemes for Local Self-financing Degree Sector 本地自资学位界别竞逐研究资助</h3> <ul style="list-style-type: none"> <li>• Faculty Development Scheme 教员发展计划</li> <li>• Inter-Institutional Development Scheme 跨院校发展计划</li> <li>• Institutional Development Scheme 院校发展计划</li> </ul>
<h3>Others 其他</h3> <ul style="list-style-type: none"> <li>• Research Matching Grant Scheme 研究配对补助金计划</li> </ul>		



## How the Research Grants Council is Organised

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

The RGC normally meets twice a year, in June and December respectively. The June meeting mainly involves the allocation of research grants submitted under funding schemes such as the General Research Fund, the Early Career Scheme, the Humanities and Social Sciences Prestigious Fellowship Scheme, the 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.

研资局与教资会紧密合作，就其职权范围内的事务，透过教资会向政府提交建议及报告。研资局的架构，请参阅表 1.1。

研资局一般每年分别于6月及12月召开两次会议。6月份的会议主要讨论多项资助计划如优配研究金、杰出青年学者计划、人文学及社会科学杰出学者计划、卓越学科领域计划、主题研究计划及研资局研究学者计划／研资局高级研究学者计划的拨款建议。而12月份的会议则讨论原有及新增拨款计划在下一年度的资源分配，以及协作研究金及研究影响基金的拨款建议，并对卓越学科领域计划及主题研究计划的申请作初步考虑。

## 学科小组

以下五个学科小组辅助研资局的工作：

- 生物学及医学
- 商学
- 工程学
- 人文学及社会科学
- 自然科学

这五个学科小组负责评审优配研究金、杰出青年学者计划、人文学及社会科学杰出学者计划及合作研究计划等的申请建议书及监察获资助的项目。学科小组的成员为本地学者及非本地学者。

学科小组一般于每年6月在研资局的会议举行前召开会议，主要目的是审批拨款申请，并监察进展中项目的进度，以及对已完成项目进行评核。

学科小组的成员及外部评审员负责审批研究金的申请，他们均为有关学科的海内外学者。学科小组在会议后向研资局提交建议，推荐应获得拨款的项目。



## The Research Grants Council and its Organisation 研究资助局及其架构

### 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.

### 协作研究项目督导委员会

协作研究项目督导委员会于2021年6月成立，负责监督卓越学科领域计划、协作研究金及主题研究计划。督导委员会的职权范围如下：

- (一) 就三个研究计划向研资局作出汇报及提供意见；
- (二) 就三个研究计划的拨款决定向研资局提供建议；
- (三) 策略性分配额外资助金额予三个研究计划；以及
- (四) 监察三个研究计划的获资助项目。

### 研究主题及题目督导委员会

研究主题及题目督导委员会于2017年11月成立，负责向研资局就主题研究计划选取合适主题和重大挑战题目提供意见。

### 研究影响基金委员会

研究影响基金委员会于2018年成立，负责评审研究影响基金申请建议书，并监察获资助的项目。

### 自资学位界别竞逐研究资助督导委员会

自资学位界别竞逐研究资助督导委员会于2013年10月成立，负责督导教员发展计划、跨院校发展计划及院校发展计划推行的详情，例如组成评审委员会、制定申请手续及处理程序、申请人资格及评核准则、监察及评核受资助的项目，以及提交拨款建议，供研资局考虑。

## 香港博士研究生奖学金计划 督导委员会

## 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.

香港博士研究生奖学金计划督导委员会成立的目的在于督导和监察计划的推行。委员会由研资局主席、一名研资局成员及每间教资会资助大学一名成员组成，以确保这项计划在配合大学的收生程序下得以顺利推行。

### 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.

### 评审小组

研资局研究学者计划／研资局高级研究学者计划的评核及遴选由两大学科评审小组分别负责：

- 人文学、社会科学及商科(H小组)
- 科学、医学、工程及科技(S小组)

两个评审小组只由非本地学者组成，以保持中立，并将遴选过程中出现利益冲突的机会减至最小。

香港博士研究生奖学金计划下的两个评审小组，同时为研资局博士后奖学金计划作评核及遴选：

- 人文学、社会科学及商科(H小组)
- 科学、医学、工程及科技(S小组)

两个评审小组的成员包括本地学者及非本地学者。



## The Research Grants Council and its Organisation 研究资助局及其架构

### 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.

### 纪律委员会

研资局十分着重学术研究的操守，期望受资助项目的研究员在进行研究时遵守最高的操守标准。如发现任何不当研究行为，研资局定当公正及严肃地处理。为此，研资局成立了两个纪律委员会，分别为纪律委员会(调查)和纪律委员会(复检)(前称纪律委员会(上诉))，以处理涉嫌不当研究行为和复检的个案。

纪律委员会(调查)就处理涉及不当研究行为的政策及调查程序向研资局提供意见，并就个案的指控是否成立，以及指控成立的个案的刑罚水平向研资局作出建议。纪律委员会(复检)就处理可能出现的复检个案，并就处理复检个案的政策及调查程序向研资局提供意见。

2021/22年度各研资局委员会／学科小组的成员名单详列于附录C。

# Funding Sources 资金来源



## 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

随着立法会财务委员会(财委会)于2019年6月通过建议,研究基金内不同款项的运用限制已获撤除,让我们能更有弹性及成效地调配资源。200亿元的注资已于2019年9月正式由香港金融管理局(金管局)作投资安排,令研究基金增加至460亿元。从注资所赚取的投资收入会用作(一)维持研究拨款水平;(二)为研究影响基金提供拨款,以持续资助具影响力的研究;及(三)为研资局的协作研究拨款计划提供额外拨款,以鼓励跨院校/跨学科协作。

由研究基金中赚取的投资收益资助的补助金/计划如下:

### 研究用途补助金

研究用途补助金是研资局向本地八所受教资会资助大学发放以进行学术研究项目及活动的主要资金,并会以竞逐形式决定拨款水平。

研究用途补助金与教资会向各大学提供的整体补助金相辅相成。部分整体补助金可用作支付研究基础设施、研究人员的薪酬、实验室开支,以及教资会及研资局资助的其他研究项目的一般费用(例如办公室地方及设备)。

于2021/22学年,经研资局所分配的研究用途补助金总额约为11.5亿元。

### 主题研究计划

主题研究计划资助进行较长期及策略上有利于香港发展的主题研究。



## 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.

## 本地研究生学费豁免计划

现为修读教资会资助研究院研究课程的所有本地学生提供免入息审查学费豁免，以鼓励更多本地学生报读研究院研究课程，从而培育本地研究专才，以维持香港的竞争力，并推动本港高等教育界别的发展。

## 本地自资学位界别竞逐研究资助计划

名为教员发展计划、跨院校发展计划及院校发展计划的三个计划资助发展本地自资学位界别的研究能力。

## 研究影响基金

研究影响基金于2018年展开，以鼓励研究人员积极考虑更具影响力的研究项目，并促进他们与学术界以外的持份者合作。

## 教资会拨款

### 卓越学科领域计划

教资会于1998年推出卓越学科领域计划，旨在巩固及发挥香港教资会资助大学在研究方面的现有优势，并使其发展为卓越学科领域。计划由研资局负责管理。由2022/23年(第十轮)计划起，除教资会每年提供的1亿元拨款外，研资局亦会从研究基金每年额外拨款5千万元以支持计划。



## 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.

## 香港博士研究生奖学金计划

研资局于2009年成立香港博士研究生奖学金计划。此项计划旨在吸引世界各地优秀的研究生，来港在教资会资助大学修读以研究为本的博士学位课程。

奖学金为获奖的博士研究生提供每月津贴，以及每年会议及研究活动交通津贴，为期三年。在2021/22学年，每月津贴及每年交通津贴分别为2.69及1.35万元，有关的津贴水平会于每学年初进行调整。

## 研资局博士后奖学金计划

研资局博士后奖学金计划于2019/20学年推行，旨在鼓励博士毕业生投身研究工作，以及为具潜质的研究人员在事业里程早期提供支援，以培育及扩大研究人才库，支持香港推动研发及培养研究文化。

研资局博士后奖学金计划每年资助获奖者，于教资会资助大学受聘为全职博士后研究员，为期36个月。奖学金在计划期间，每年为获奖者提供津贴，资助其基本薪金与会议及研究活动交通津贴。



## 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.

## 研资局研究学者计划 研资局高级研究学者计划

研资局研究学者计划及研资局高级研究学者计划于2019/20学年推行，旨在为教资会资助大学里卓越非凡的副教授级和教授级学者，提供教学及行政职务方面的持续支援，令他们可以专注于研究及发展工作，并为香港培育下一代研究人员。

两项计划每年颁发奖项，发放为期60个月的津贴，资助副教授级和教授级的获奖者，聘任替假老师及支付研究项目开支，包括聘任研究人员、购置器材设备、公干旅费、膳宿津贴及发表研究成果的费用等。

## 研究配对补助金计划

随着立法会财委会于2019年6月通过拨款30亿元，研究配对补助金计划已于2019年8月1日起公开接受申请。计划旨在让高等教育界的研究经费来源更趋多元化，及积极推动私营机构提供研发开支和捐款，并加强协作。大学/院校从非政府/非公营界别筹得用以应付与研究相关开支的捐款或资助，均符合资格申请政府配对补助金。8间教资会资助大学及13间本地自资学位颁授院校递交的申请，会以每个季度作一申请周期逐期处理。



# Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作



## RGC Activities funded by Research Endowment Fund 研资局由研究基金资助的工作总览

### 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学年研究用途补助金总额约为11.5亿元。

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

### 2021/22学年 研究用途补助金的分配

#### How the Earmarked Research Grants were Allocated

#### 研究用途补助金的具体分配

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:

研究用途补助金主要透过竞争形式拨予各大学成功申请资助计划的研究项目。研究用途补助金拨款预算主要分为六大类别：

- \$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.
- 7.81亿元拨予成功申请本年度的优配研究金的项目。为支持某些范畴在研究上的特别需要，优配研究金计划设立指定用途的款项，以资助有关的需要：
  - 为支持年轻临床医学人员进行临床医学研究而设的「临床医学研究资助计划」。
  - 「聘请替假教师安排」专为人文学及社会科学的研究项目而设，其目的是提供资助让首席研究员聘请替假教师代替其教学工作，以腾出工作时间从事研究及写作。
  - 「本科生研究津贴」为本科生提供机会与获优配研究金资助的项目研究人员共同工作，让他们汲取研究经验。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

- \$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.
- 1.15亿元拨作杰出青年学者计划，用于支持及培育新进的青年学者，以吸引最杰出的青年学者加强发展教学研究纽带。
- 1.80亿元拨作协作研究金，用于巩固研究基础，以及资助由不同大学及研究队伍共同参与的集体合作研究项目，以鼓励大学在学术上的合作及发挥协同效应。
- 5,000万元拨款，供与其他地区合办的合作研究计划之用。
- 1,000万元拨作人文学及社会科学杰出学者计划，为人文学及社会科学学科的学者提供更佳支援。
- 80万元拨作支持研究生进行跨院校及跨学科的交流活动，以及与海外学者会面及交流。



**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 学年，优配研究金拨款总额达 7.81 亿元，资助研究项目达 1 054 个。截至 2022 年 6 月 30 日，4 291 个资助研究项目仍在进行中。

**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.

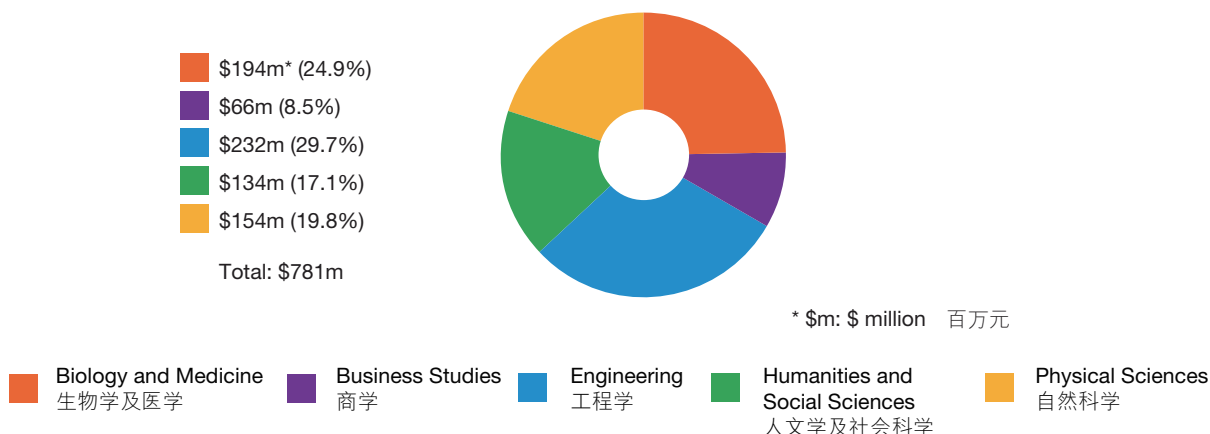
**优配研究金**

是年度向研资局申请优配研究金的研究项目共 3 014 个，研究范围广泛，申请金额达 29.3 亿元。申请先由外部评审员评审，再由有关的学科小组作出审阅。

经研资局的外部评审员国际网络进行严格学者评审后，研资局根据学科小组的意见，于 2021/22 学年拨出 7.81 亿元予 1 054 个研究项目，平均每个项目约获拨款 74 万元，整体成功率为 35%。

表 3.1 列出 2021/22 学年各学科所获优配研究金的分配。

Chart 3.1: Allocation of the General Research Fund by Broad Subject Category in the 2021/22 Academic Year  
表 3.1 : 2021/22 学年各学科所获优配研究金的分配



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

注：由于进位原因，合计之数未必等于全部数字的总和。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

- **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.

- **临床医学研究资助计划**

研资局在优配研究金中，提供研究奖励金，以支持年轻临床医学人员进行临床医学研究。该计划乃与香港中文大学及香港大学两家提供医疗训练的本地大学紧密合作推行，致力为具潜质的临床医学人员提供更多机会，以参与及从事临床医学的研究。

此计划让资助者每年获得由研资局及所属大学提供相等份额的拨款，最多资助三年，以从事及完成临床医学研究计划。此计划每个申请的资助金额上限为每年120万元。

- **人文学及社会科学学科的聘用替假教师安排**

此计划设立的目的是为照顾人文学及社会科学学者的特别需要。这些学科的研究项目多涉及个人研究或撰写工作，需要首席研究员腾出工作时间来进行，并非可以聘用研究助理或购置研究设施来完成，故需聘请替假教师代替其教学工作，以腾出时间从事研究及写作。一般而言，24至36个月的研究项目可申请聘用四个月至最多12个月的替假教师。

- **本科生研究津贴**

此计划为本科生提供与优配研究金获资助研究项目的研究人员一同工作的机会，让他们汲取研究经验。首席研究员可于申请建议书中申请为本科生提供为期最多十个月，每月2,500元的津贴。大学亦已同意提供与研资局相等份额的拨款，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学年，杰出青年学者计划拨款总额约1.13亿元，资助研究项目达177个。截至2022年6月30日，669个资助研究项目仍在进行中。

**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.

**杰出青年学者计划**

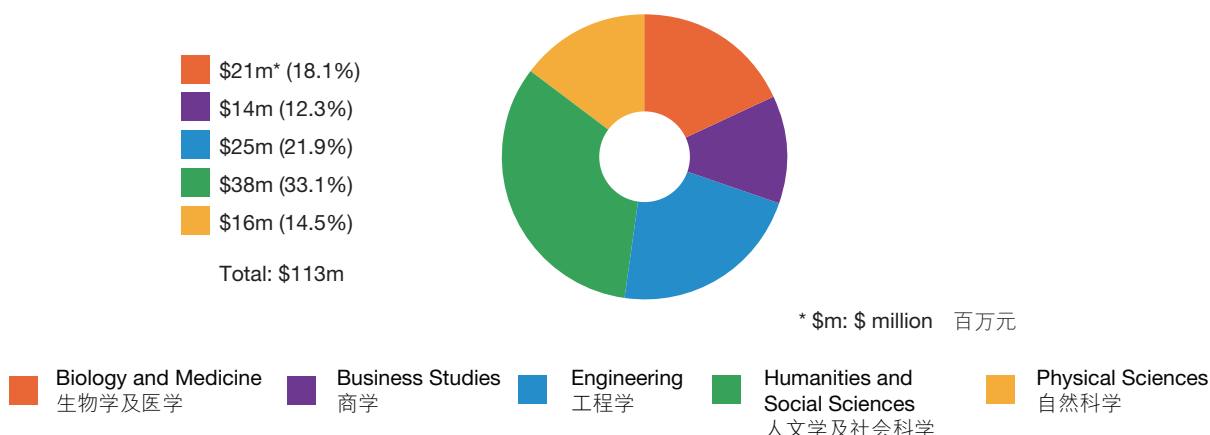
杰出青年学者计划的目的在于培育新进的青年学者。

杰出青年学者计划接获研究项目申请共418个，申请金额达3.33亿元。与优配研究金的申请相同，申请先由外部评审员评审，再由有关的学科小组作出审阅。

经研资局的外部评审员国际网络进行严格学者评审后，研资局根据学科小组的意见，于2021/22学年拨出1.13亿元予177个研究项目，平均每个项目约获拨款64万元。整体成功率为42%。

表3.2列出2021/22学年各学科所获杰出青年学者计划的分配。

Chart 3.2: Allocation of the Early Career Scheme by Broad Subject Category in the 2021/22 Academic Year  
表 3.2 : 2021/22学年各学科所获杰出青年学者计划的分配



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

注：由于进位原因，合计之数未必等于全部数字的总和。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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学年，协作研究金资助总额为2.853亿元，资助研究项目达48个，当中包括第二轮协作研究金2019冠状病毒病及新型传染病一次性研究计划下，16个获资助共9,230万元的集体研究项目。截至2022年6月30日，138个资助研究项目仍在进行中。

## 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.

## 协作研究金

协作研究金向教资会资助大学提供资助，让大学进行跨学科及/或跨院校而具协作性的集体研究工作，或购置大型研究设备、仪器或图书馆资料以进行协作研究。

协作研究金计划采用两个阶段的申请程序，包括提交初步及正式研究计划书。研资局于2021/22学年共接获213份初步计划书，包括183项资助集体合作研究的申请及30份购置器材的申请，申请资助额分别为12.72亿元及1.68亿元。

经过学者评审及协作研究金评审小组与个别研究队伍会面后，研资局落实资助其中32项申请，资助总额为1.93亿元。

此外，第二轮协作研究金2019冠状病毒病及新型传染病一次性研究计划共收到115份来自不同学科的初步集体合作研究计划书，最终有16个研究项目获得资助，资助总额为9,230万元，包括六个关于生物学及医学、三个关于商业、人文科学及社会科学，以及七个关于工程学及自然科学的研究项目。

由2008/09学年起，研资局为进行中的研究项目举办周年协作研究金研讨会，以促进协作研究金委员会委员与研究队伍及不同大学的研究人员的交流。

受疫情影响，协作研究金资助项目研讨会改作进度检讨会议，并于2022年3月以视像会议形式进行。在会议中，15个于2019/20学年获资助的研究项目向协作研究金评审小组汇报项目的进度。



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学年，研资局与不同地区分别合办的合作研究计划拨款总额为4,980万元，共资助59个研究合作项目。截至2022年6月30日，216个资助研究项目仍在进行中。

## 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.

## 合作研究计划

### 项目补助金

- **国家自然科学基金委员会及香港研究资助局联合科研资助基金**

国家自然科学基金委员会及研资局联合科研资助基金于1998年11月成立。此计划旨在促进内地与香港的研究人员或队伍在双方具有共同兴趣的范围内展开合作研究，以收相辅相成之效。六个重点资助领域为：

- 信息科学
- 生物科学
- 管理科学
- 海洋与环境科学
- 医学科学
- 新材料科学

此计划资助研究的实际开支，包括交通及生活费。计划于2021/22学年内共收到256份合资格的初步研究建议书以及一个会议项目的申请，申请金额约3.09亿元。经国家自然科学基金委员会与研资局的甄选，108个研究项目申请获选可提交具体建议书。

申请经由学者评审，并经过国家自然科学基金委员会与研资局双方专家共同组成的联合甄选委员会详细讨论，决定对30个研究项目提供资助，资助总额为3,475万元。另外，研资局亦资助了一个会议项目，资助额为247,900元。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

- ***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.

- ***国家自然科学基金委员会及香港研究资助局合作研究重点项目计划***

国家自然科学基金委员会及研资局合作研究重点项目计划于2021年12月成立。此计划旨在资助内地及香港跨学科、跨院校的合作研究重点项目，以持续提升内地与香港的研究成果与影响力。六个重点资助领域与联合科研资助基金相同。

此计划资助研究的实际开支，包括交通及生活费。研资局已为2022/23学年第一轮计划预留3,600万元，供合作研究重点项目计划的香港申请者申请。约十个项目将获得资助。评审过程包括学者评审及经国家自然科学基金委员会与研资局双方专家共同组成的联合甄选委员会详细讨论。资助结果将于2022年年底公布。

- ***法国国家科研署与香港研究资助局合作研究计划***

本计划于2012/13学年推出，旨在进一步加强法国与香港的科研人员就两地有共同兴趣领域上的合作。

在2021/22年度，研资局共收到29份合资格的申请，申请金额约7,640万元。经学者评审及法国国家科研署与研资局的严格甄选后，选出三份申请批予资助。研资局合共批出849万元。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作



- **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.

- **欧洲联盟(欧盟)与香港研究资助局研究及创新合作计划**

本计划于2016/17学年推出，前称「欧洲委员会与香港研究资助局合作计划」，旨在推动欧盟与香港两地学者的学术研究及合作，并资助香港研究人员参与在欧盟「地平线2020」框架下的合作研究项目。此合作计划接受研究项目(适用于生物学及医学，以及工程学及自然科学学科)及交流项目(适用于所有学科)的申请。

于2021/22学年，研资局进行了欧盟「地平线2020」框架下的合作协议的最后一轮计划。计划共收到四份申请，申请金额约1,000万元。最终两份申请获批资助，资助总额为450万元。研资局正与欧盟进行磋商，探讨在「欧洲地平线」框架下继续合办资助计划。

- **健康长寿催化创新奖(香港)**

研资局与美国国家医学院合作举办健康长寿催化创新奖(香港)。作为健康长寿大挑战计划(下称「计划」)中的催化创新阶段部分，健康长寿催化创新奖(香港)旨在支持在任何学科领域中有可能延长人类健康寿命的大胆创新想法，包括改善任何年龄层健康状况的研究项目。

在2022年，研资局为健康长寿催化创新奖(香港)提供十个奖项，每位得奖者可获得最高5万美元(约38.9万元)的研究经费。研资局亦将为获奖的研究团队提供津贴(以每队最多六人及每人3万元为上限)，以资助团队成员出席由美国国家医学院举办的创新峰会。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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.

### 旅费／会议补助金

#### • **德国与香港合作研究计划**

1996/97学年，研资局与德国学术交流协进会合作，推出合作研究计划，促进德国与香港学者合作进行研究。

拨款用于支付研究人员为期最多两年的交通及生活津贴，让两地的研究人员进行互访，商讨及研究。此计划每年进行一次遴选。

在2021/22学年，双方共接获的申请有22份，涵盖学科甚为广泛，申请金额约159万元。本港及德国的学者最终共同选出15份申请予以资助，研资局给予的资助金额约120万元。

#### • **法国与香港合作研究计划**

1998年，研资局与法国驻港领事馆协议合办此项合作研究计划，资助研究人员互访交流，藉以鼓励及促进法国与香港合作进行科学研究。

在2021/22学年，双方共接获18份申请，其中17份是旅费补助金申请，其余一份是会议／工作坊补助金申请。申请金额约133万元。

在上述申请中，共有8份申请获得拨款，其中7份是旅费补助金申请，一份是会议／工作坊补助金申请，研资局批出的资助金额约65万元。



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 学年，人文学及社会科学杰出学者计划拨出 294 万元资助九名杰出学者。截至 2022 年 6 月 30 日，28 个资助研究项目仍在进行中。

## 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%.

## 人文学及社会科学杰出学者计划

人文学及社会科学杰出学者计划的目的是为人文学及社会科学学科的学者提供更佳支援。计划不单提供资源聘请替假老师，还包括旅费、生活津贴及发表研究结果的费用。

经研资局的外部评审员国际网络进行严格学者评审后，研资局根据遴选委员会的意见，于 2021/22 学年拨出 294 万元资助九名杰出学者，平均每名约 33 万元。整体成功率为 38%。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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 学年，在 2019 冠状病毒病肆虐下，研究生会议／研讨会补助金共拨款 10 万元，资助两个会议／研讨会。研资局在来年会继续接受有关补助金的申请。

### 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.

### 研究生会议／研讨会补助金

是项补助金是为支持及促进教资会资助大学的研究生进行跨院校及跨学科交流而设，亦资助研究生与外地的卓越学者会面及交流。

是项计划旨在资助于本地举行，并以研究生为对象的跨院校会议及研讨会。

补助金以补助旅费的形式发放，用以支付邀请学者来港出席会议／研讨会及发表演说所需的旅费及有关开支。



## 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学年，主题研究计划拨款总额达3.67亿元，资助共八个研究项目（包括1亿元资助两个与2019冠状病毒病相关的项目）。截至2022年6月30日，38个资助研究项目仍在进行中。*

## 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:

- (a) Understanding Diseases and Disease Prevention;
- (b) Developing a Sustainable Environment;
- (c) Enhancing Hong Kong's Strategic Position as a Regional and International Business Centre; and
- (d) Advancing Emerging Research and Innovations Important to Hong Kong.

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.

## 主题研究计划

主题研究计划的目的是集中教资会资助大学的学术研究力量，对香港长远发展具策略重要性的主题进行研究。

现时主题研究计划的四个主题分别为：

- (一) 剖析疾病及疾病预防；
- (二) 建设可持续发展的环境；
- (三) 加强香港作为地区及国际商业中心的策略性地位；及
- (四) 促进对香港起重要作用的新兴研究及创新项目。

研资局辖下的研究主题及题目督导委员会就研究主题及重大挑战题目于2022年6月完成第二次检讨。由2023/24年(第十三轮)计划起，主题四「促进对香港起重要作用的新兴研究及创新项目」将增设两个重大挑战题目，即「量子技术」及「集成电路」。届时四个研究主题下将设有20个重大挑战题目。

研资局为2021/22年(第十一轮)计划特别额外拨款1亿元，以资助与2019冠状病毒病及其他新型传染病相关的研究。研资局共收到69份初步建议书(包括17份与2019冠状病毒病及其他新型传染病相关研究的建议书)，申请的金额约38亿元。经过初步筛选及严格学者评审后，研资局拨款约3.67亿元，资助共八个研究项目(包括1亿元资助两个与2019冠状病毒病相关的项目)。每个获资助项目的拨款上限为7,500万元，年期最长为五年。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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 学年，研资局就三项供本地自资学位界别竞逐的研究资助计划拨款总额约6,484 万元，共资助71个研究项目。截至2022年6月30日，209个资助研究项目仍在进行中。*

## 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 institutions<sup>1</sup> 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.

## 本地自资学位界别竞逐研究资助计划

研资局为本地自资学位界别推出三项研究资助计划，名为教员发展计划、跨院校发展计划及院校发展计划。院校发展计划分为研究基础设施拨款和协作研究拨款。

第八轮计划已于2021/22学年举行。申请结果已于2021年9月公布。随着第八轮计划的结束，第九轮计划已在2021年11月展开。共有十五所本地可颁授学位的自资院校<sup>2</sup>符合参与上述三项研究资助计划的资格。第九轮计划的申请结果将于2022年9月公布。

### 教员发展计划

教员发展计划旨在帮助院校的个别教学人员发展研究能力，使他们能将研究经验和新知识转移至教与学的层面。在2021/22年度，本计划共收到258份申请，其中64份研究计划获得资助，总额为5,326万元。

2. 明爱专上学院、明德学院、珠海学院、宏恩基督教学院、香港恒生大学、香港都会大学、香港树仁大学、东华学院、港专学院、香港能仁专上学院、香港浸会大学—持续教育学院、香港理工大学—专业进修学院、香港高等教育科技学院、香港伍伦贡学院及耀中幼教学院

## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作



### 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.

### 跨院校发展计划

跨院校发展计划则旨在提升院校教学人员的研究能力，透过个别院校筹组或与其他院校合办的工作坊、研讨会或短期课程，使他们在各自的专研范畴涉猎最新的发展和充满挑战的研究专题。在2021/22年度共收到18份申请，合共批出248万元资助五份计划。

### 院校发展计划

#### **研究基础设施拨款**

院校发展计划研究基础设施拨款旨在透过提供具体研究设施、支援研究的基础建设及其他形式的支援，建立院校在其策略发展范畴的研究能力。在2021/22年度共收到七份申请，最后共批出910万元资助两份计划。

#### **协作研究拨款**

院校发展计划协作研究拨款旨在鼓励及协助颁授本地自资学位院校进行合作研究，包括涉及两间或以上自资院校及／或个别院校内不同学科的合作研究，从而在学术水平、素质、领域及／或进度上提升自资院校的研究成果。在2021/22年度共收到四份申请，当中没有申请获得资助。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### RGC Activities funded by UGC Funds 研资局由教资会拨款的工作总览

#### 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学年(上一轮计划)，卓越学科领域计划拨款总额达2.77亿元，资助共四个研究项目。截至2022年6月30日，13个资助研究项目仍在进行中。

#### 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.

#### 卓越学科领域计划

卓越学科领域计划协助教资会资助大学巩固及发挥香港在研究方面的现有优势，并使其发展为卓越学科领域。

由2022/23年(第十轮)计划起，卓越学科领域计划将重新定位，以资助主题研究计划四个研究主题及重大挑战题目范围以外的大型研究项目为主。两个计划的资助模式将会划一，并会每年举办一次。除教资会每年提供的1亿元拨款外，研资局亦会从研究基金每年额外拨款5千万元以支持计划。每个获资助项目的拨款上限为7,500万元，年期最长为五年。

2022/23年(第十轮)计划于2021年7月展开。研资局共收到19份合资格初步建议书，申请金额约16亿元。拨款结果将于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.*

研究影响基金于2018年成立。在2021/22学年，研究影响基金拨款总额为7,500万元，资助具影响力的研究项目共12个。截至2022年6月30日，64个资助研究项目仍在进行中。

## 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.

## 研究影响基金

研究影响基金于2018年成立，旨在鼓励本地学者积极考虑潜在的研究效益，使更广泛的社区能够受惠，并鼓励开展更多学术界以外的研究合作。

研究影响基金计划采用两个阶段的申请程序，包括提交初步及具体建议书。研资局于第五轮申请共接获127份初步建议书，申请资助总额为6.98亿元。

经研究影响基金委员会评审后，筛选出48份提交具体建议书。研究影响基金委员会将进行学者评审，以进一步筛选该批具体建议书并与个别研究队伍进行会面。预计拨款结果将于2023年1月公布。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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学年，香港博士研究生奖学金计划颁发奖学金予来自全球44个国家及地区共300位优秀学生。

### 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.

### 香港博士研究生奖学金计划

香港博士研究生奖学金计划于2009年9月推出，目的是吸引世界各地最优秀及出色的研究生前来教资会资助大学就读博士研究生课程，而不论其国籍、工作经验和种族背景。

这个备受推崇的计划将会把来自各地的研究生尖子，汇集于香港的世界级学府。

第十二届香港博士研究生奖学金计划的得主为300位来自全球44个国家及地区的优秀学生。而至2021年12月的报名截止日期，7 178多名来自107个国家及地区的申请者就第十三轮计划提交正式申请书。



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.*

第十一个申请期结束后，研究配对补助金计划已发放共**21.8亿元**配对补助金予**19**所参与大学/院校。目前有一间大学已获发放**5亿元**「预设上限」的配对补助金，并已有六间大学及三间院校获取超过**5,000万元**「最低款额」的配对补助金。

## 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.

## 研究配对补助金计划

研究配对补助金计划于2019年8月1日推行，涉资**30亿元**。计划旨在让高等教育界的研究经费来源更趋多元化，及积极推动私营机构提供研发开支和捐款，并加强协作。

大学/院校从非政府/非公营界别筹得用以应付与研究相关开支的私人捐款或资助，均符合资格申请配对补助金。**8**间教资会资助大学及**13**间本地自资学位颁授院校递交的申请，会以每个季度作一申请周期逐期处理。

第十一个申请期结束后，配对的申请已涉及共约**38.2亿元**捐款/赞助/研究合约。经审批后，我们已发放共**21.8亿元**配对补助金予有关大学/院校。目前有一间大学已获发放**5亿元**「预设上限」的配对补助金，并已有六间大学及三间院校获取超过**5,000万元**「最低款额」的配对补助金。第十一个申请期结束后，可供大学/院校继续申请的配对补助金余额约有**8.2亿元**。

因应研究配对补助金计划有效令参与大学/院校的研究活动经费来源更趋多元化，计划将继续接受申请，直至**30亿元**的研究配对补助金用罄。而为确保大学/院校于计划下所收捐款和政府发放的配对补助金只用于与研究相关的支出，并符合成本效益，大学/院校需提交情况报告，就首四个申请期发放的配对补助金披露其运用进度。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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.*

*研资局博士后奖学金计划于2019/20学年推行，第三届计划(2022/23)颁发50个奖学金名额，吸引及挽留研究人才，在香港教资会资助大学任博士后研究员。*

## 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.

## 研资局博士后奖学金计划

研资局博士后奖学金计划于2019/20学年推行，旨在鼓励博士毕业生投身研究工作，以及为具潜质的研究人员在事业里程早期提供支援，以培育及扩大研究人才库，支持香港推动研发及培养研究文化。

此奖学金计划备受欢迎，第三届计划(2022/23)吸引来自国际顶尖大学及本地教资会资助大学的88名优秀参选者。除了本港及内地，候选者亦有来自阿尔巴尼亚、孟加拉、柬埔寨、智利、法国、德国、加纳、印度、意大利、哈萨克斯坦、马来西亚、巴基斯坦、菲律宾、波兰、俄罗斯、南韩及美国。

第三届50名获奖者中，有20名属人文学、社会科学及商科范畴，30名属科学、医学、工程及科技范畴。获奖者均须于2022年内在其所属的资助大学开展为期36个月的博士后研究员聘约。每名获奖者每年可获津贴以资助其博士后研究员基本薪金与会议及研究活动交通费用。首年津贴额为406,550元，其后两年的津贴额将根据相关条款，按政府统计处公布的综合消费物价指数作出年度调整。



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.*

*研资局研究学者计划及研资局高级研究学者计划于2019/20学年推行，第三届计划(2022/23)将各颁发10个奖项予教资会资助大学里卓越非凡的学者，资助总额约为1.3亿元。*

## 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.

## 研资局研究学者计划 / 研资局高级研究学者计划

研资局研究学者计划(RFS)及研资局高级研究学者计划(SRFS)于2019/20学年推行，旨在为教资会资助大学里卓越非凡的副教授级和教授级学者，提供教学及行政职务方面的持续支援，令他们可以专注于研究及发展工作，并为香港培育下一代研究人员。

第三届计划(2022/23)分别收到36宗RFS及32宗SRFS提名，竞逐各十个奖项。完成同侪评审后，跻身最后入围名单的参选者获遴选小组邀请，于2022年5月透过视像会议方式接受面试。遴选小组高度赞赏获提名的候选人及其高水平的研究提案，并喜见最后入围的候选人在面试中展现热忱。

遴选小组推荐获奖的研资局研究学者(两名属人文学、社会科学及商科范畴，八名属科学、医学、工程及科技范畴)及研资局高级研究学者(三名属人文学、社会科学及商科范畴，七名属科学、医学、工程及科技范畴)已获得研资局于2022年6月通过及确认。每名获奖者须于2023年1月1日开始计划下的研究项目，并获发放为期60个月的津贴，金额分别约为520万元(研资局研究学者)及780万元(研资局高级研究学者)。

两项计划第三届的资助总额约为1.3亿元。



## Successful Stories on the Funded Research 拨款研究项目的成功故事

### 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.

### 主题研究计划

#### *母体血浆胎儿核酸研究中心*

产前诊断是产科服务必不可少的重要部分。基于母体血浆循环胎儿脱氧核糖核酸(DNA)分析的无创性检测突破了传统模式，已带来了产前诊断的革新和巨变。本项目组建了包括病理学家、实验室科学家、产科专家、生物信息学家以及公共卫生专家等的多学科研究团队，共同解决产前领域的关键问题，以满足临床诊断的需要。尤其是研发用于分析游离核酸的新一代技术，探索目前了解甚微的游离胎儿核酸的生物学以及病理学特性。利用此项崭新技术与生物学见解，致力于达成妊娠相关疾病，如单基因遗传疾病、胎儿死亡、妊娠毒血症等的无创诊断目标。本项目也从伦理、法律以及社会学等多角度探索分析无创性产前检测的意义及益处。本项目的研究成果带来的知识信息与检验技术也会通过培养研究生与研究人员和给予产科专家和医学检验从业人员的教育工作坊等进一步广泛传播。

本项目成功以无创方式为胎儿基因解码并绘制出高解像度胎儿基因图谱，大大提高以往胎儿新生突变检测的精准度。本项目亦研发出各种胎儿单基因遗传病的检测方案，令无创产检的临床应用并不局限于检测胎儿染色体异常。团队的研究也揭示了一些有趣又鲜为人知的游离DNA生物现象。研究发现基因组上有些特定位置是游离DNA的偏好断点，处于游离DNA尽头的偏好断点位置有助辨识游离DNA从何器官而来。

本项目已将胎儿染色体异常的无创筛检技术转移至医院管理局香港儿童医院，为有需要的市民提供该项服务。

## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作



### 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.

### 智慧型城市供水系统

城市供水系统是全球30多亿人的生命线。然而因系统老化、运行低效和功能不足等问题，世界银行估计全球每年因管网渗漏、爆裂而造成的经济损失为150亿美元。严重的水管爆裂亦导致市区水浸、商业活动瘫痪。面对城市化和气候变化带来的挑战，很多国家都急需改善它们的供水系统。

水利基建是全国性的重要议题，其在2011年发表的《中央一号文件》、2011年关于「绿色大珠三角地区优质生活圈」的研究工作，以及香港政府2008年的「全面水资源管理」和2015年的「智管网」政策中均是重点。事实上，香港政府已投资约230亿元进行更换及复修水管计划。

城市供水管网一般敷设于地面以下，难以直接接触，系统的设计和维修都受到探测方法的限制。目前的探测和数据收集方法难以准确判断渗漏的范围和位置。因此本项目提议透过理论研究、模型试验与现场测试等，开发一套创新性的城市供水管网故障识别与检测系统。本项目提出在待测管道中产生高速传播的(速度约为1公里每秒)水压力波，然后利用高灵敏传感器采集水压力波的反射信息。收集到的数据透过先进的水动力学反演法分析，从而确定水管中渗漏、阻塞和管壁变弱等缺陷的位置和特征。这些理论与方法在香港的一个现场试验系统中进行测试与验证。另外，本项目建立了一个多用途的、中试规模的实验系统来示范城市管道系统中水流及水压的瞬变现象与过程。

本项目组织了一个国际性的跨学科研究团队来开发智慧型城市供水系统，并与香港水务署紧密合作。本项目符合香港政府的「智管网」政策，其成果将为香港的可持续发展，特别在水资源节约与保护方面，作出重大的贡献。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

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.

供水系统的爆裂和渗漏浪费了全球超过百分之三十的食水，这些流失的食水和能源足以供应一百五十个与香港相似的发达城市使用。每年因食水浪费而导致的经济损失高达一百五十亿美元。亚洲的供水系统每年渗漏的食水量超过二千九百万立方米，造成了九十亿美元的经济损失。问题的症结在于缺乏一种快速高效地检测城市供水管网缺陷的方法。本项目在低频和高频水压力波的分析 and 反演分析领域实现了重大的基础性突破，并将其应用于不同管材的水管，例如刚性管和塑料管。本研究提出了多种创新性的管道故障探测方法，其中两种方法为匹配场法 (Matched Field Processing) 和时间反转法 (Time Reversal)，它们可以在充满杂讯的环境中探测水管的渗漏。本项目正为这两种方法以及本项目的其他技术申请专利。本项目建造了两套实验系统，亦与香港水务署合作，在一个本地供水管网内进行实验测试。同时，本项目在香港科技大学校园内的供水系统中建立了一套实地试验系统，该系统将为学术界、产业界和政府缔造一个独一无二的合作环境，团队期望藉此展示香港本土的研发技术。本项目汇集了来自世界各地的顶尖研究人员，包括香港、中国大陆、美国、加拿大、新西兰和意大利，希望能为研发节省食水、开支和能源的供水技术奠定基础。

### ***香港泥石流流动机理及风险控制***

香港山多平地少，城市不断向陡峭的天然山坡发展，加上极端天气日益频繁，导致香港的山地滑坡和泥石流风险与日俱增。为防治泥石流灾害，并且为香港的经济提供提供一个安全而可持续的环境，本项目以大学为主导，并与业界紧密合作，组成了一个包括工程学、计算机科学、环境科学、生态学以及香港工程师学会代表的跨界跨学科研究团队。本研究项目包括以下四个紧密相连的重要课题：

- 泥石流物料的宏微观特性试验；
- 新式泥石流现场监测技术；
- 研究泥石流运动机理；及
- 发展预防风险措施。



## Research Funding Schemes and RGC Activities

### 研究资助计划及研资局的工作



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.

在本项目中，一个利用无人驾驶飞机的三维拍摄系统已经完成开发，并用作拍摄高解析度的航拍相片。拍摄得来的相片被用作创建数码三维山坡模型以研究泥石流的流动性。另外，本项目开发并建造了一个用于泥石流研究的新型土工离心机模型，及一条28米长并且配置了先进监测仪器的大型泥石流实验水槽。相关的监测仪器获得了一项美国专利以及两项中国专利。同时，本项目创新地开发了一个考虑泥土颗粒与水之间及泥土颗粒之间相互作用的崭新多尺度、多重物理性数值模型以用来模拟泥石流的动力过程。

本项目通过与香港土木工程拓展署土力工程处合作，已将本项目的研究成果用来支持开发一系列的设计指引，让业界用作设计防治泥石流的拦挡坝。同时，本项目关于多重防护结构的研究成果已在由联合国教科文组织国际滑坡联合会举办的极具影响力的世界滑坡论坛中发表。

本项目的研究成果将对本地以及国际的工程操作产生直接影响，为本地以及其他国家例如加拿大、美国、巴西、意大利、挪威、日本以及马来西亚等的泥石流防护技术提供具有可持续性以及造价经济的方案。

本项目共培养了来自超过15个国家的98名研究生，发表顶级期刊论文140篇，并作主题报告56次。

目前针对泥石流的拦挡坝设计通常是经验性的。因此，不太可能辨别设计是不安全的、适当的，或是过度保守的。拦挡坝除了要求有坚固的设计，而且还要造价经济并与自然环境融为一体。本项目的科学及理论进展与发现为开发新的设计指引提供了坚实的基础。新编写的多重柔性防护网设计指引将会对本地工程实践带来即时的影响，并对香港以及世界各地发展可持续的泥石流防治措施提供了核心技术支持。此外，新的设计指引可以用于保护「一带一路」沿线国家及其他国家的公路和铁路。例如，川藏铁路将穿过青藏高原的东南部，该地区是中国地质灾害频发的高风险山区。因此，减轻该地区泥石流的危害对于「一带一路」沿线的可持续发展至关重要，特别是对于推动西藏的经济增长和加强与印度以及尼泊尔的国际贸易具有重要意义。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

### 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.

### 协作研究金

#### ***面向大数据的安全云存储及隐私保护技术研究***

近年来，公有云已经成为各类企业及科研机构进行大数据存储、分析等任务的重要平台。在这一趋势下，传统的数据安全和隐私保护技术已经不足以应对新兴大数据应用中种类繁杂的敏感信息所带来的挑战。

本项目针对大数据容量大、类别多和生成快等特点，着力研究如何解决云存储在这一背景下所产生的新的安全及隐私保护等相关问题。相关研究成果将使广大用户能够直接在加密数据上进行搜索操作，以及能够轻松地验证数据分析结果的正确性，同时支持通过移动终端进行安全可靠的云服务访问，而不必担心安全漏洞。团队相信该项目不但能够增加用户对云存储系统的使用信心，而且还能进一步推动云存储技术朝着更加安全、可靠、高效的方向发展。

#### ***香港的社区与人口老龄化：「香港社会动态追踪调查」的扩展***

与大多数发达社会一样，香港正面临人口在未来数十年持续老化的严峻挑战，根据推算，香港老年人口的比例在2034年将达到30%。了解不同文化、社会、政治和时代背景下的人口老化过程是社会研究的重要议题。在过去十年间，许多国家已经开展动态追踪调查，系统性地收集健康、老龄化和退休的数据，但香港在这方面仍属空白，故难以制定实证为基础的政策，解决人口老化所带来的问题。

在三轮「香港社会动态追踪调查」(HKPSSD) (2011、2013和2015年)的基础上，本项目将继续收集香港社会变化的基础数据，并通过扩展老龄化研究模块和分析已有的长者数据，探讨香港老年人口的经济、社会及健康状况。

## Research Funding Schemes and RGC Activities

### 研究资助计划及研资局的工作



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.

具体来说，本项目的主要目标包括：(1)以HKPSSD中50岁或以上的受访者作调查对象，分别在2017年和2019年收集两轮数据，重点关注他们的收入保障和个人财富、家庭策略和居住安排，生命变化和社会参与，以及健康状况等；(2)分析经济、健康及社会因素如何影响长者的生活状况和其他福祉；(3)考察社区在提供长者照顾和推动积极老龄化方面的作用；(4)研究香港长者的家庭支援、代际关系和社会参与，以及这些因素与社区的相互作用，最后，(5)对香港和上海一两个福利制度截然不同的华人社会一进行比较研究，探讨制度因素对老龄化政策的影响。

本项目收集的数据，辅以前三轮的HKPSSD数据，将成为重要的学术资源，有助于香港社会科学研究，并为比较不同社会背景下老龄化政策的有效性提供数据支持。

### ***大脑远程回路的光基因调制磁共振功能成像研究***

21世纪的一个重大挑战是达到对大脑回路的全面理解，特别是针对神经活动中引起官能和行为的时空格局。本项目将开发一种创新的神经成像方法——光基因调制与磁共振功能成像(fMRI)技术的结合使用。团队可运用此创新的神经成像技术去研究两个有关大脑远程回路的基本问题：神经网络的传播活动是由哪些动态反应属性支配？远程和低频神经互动有什么实际关系？具体来说，团队将发展拥有更高灵敏度、针对性，和因果关系更清晰的光基因调制磁共振功能成像技术(og-fMRI)来收集和分析整个大脑的活动。团队亦将利用这种成像技术，分别通过光基因激活和抑制在丘脑和海马结构中的兴奋性神经元，加上电生理记录方法，有系统地探测两个截然不同的远程神经网络——丘脑皮层和海马皮层的时空反应属性。最后，团队会测试在这两个神经网络中，低频光基因刺激对大脑反应外部感观刺激的功能性影响。本项目将令团队能够从机械角度来洞悉在空间上隔离，但功能上整合的神经元群体的时空募集，并说明在远程神经网络中低频活动的实际相关性。



## 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.

## 优配研究金

### **记忆和学习过程的神经兴奋性的超声调控**

记忆是生物体根据学习经验获得、存储和检索信息的能力。当印迹细胞存储记忆时，它们的兴奋性会暂时性提高，从而增加了参与后续存储记忆的可能性。为了提供如何在提高兴奋性下分配印迹细胞的因果关系，便需要一种非侵入性地操纵特定神经元兴奋性的工具。

超声脑刺激是一种非侵入性的方式，在探索人类大脑功能和治愈脑部疾病领域具有重大前景。目前的研究显示超声能够有效地刺激特定脑区域的神经元而不损伤脑组织。由于超声能够非侵入性地投射过颅骨，精确聚焦在一个小脑区中，它被认为是现有刺激策略（例如深部脑刺激、光遗传学、经颅磁刺激和经颅直流刺激）之外的令人鼓舞的手段和良好的替代。此外，理论和团队最近的研究表明，超声刺激可以增加神经元的兴奋性。这些对神经兴奋性的影响使超声波成为探索记忆编码和检索神经回路的潜在工具。迄今为止，超声调制对神经兴奋性的潜在机制仍然未知，因此，迫切需要进一步的研究，使其成为操纵记忆分配的可控工具。

本项目探索超声波刺激对神经兴奋性的生物效应，并了解可能的机制。为了使这种方法成为探测记忆分配的有用工具，团队研究超声诱导的神经兴奋性与其周围的自然提示相结合以引起记忆。团队从行为、单一神经元功能、到分子水平研究超声波刺激，以了解其可能的功用。

本研究为脑刺激研究做出突破性创新，增加研究记忆如何储存在大脑中的关键方法。考虑到这是一项非侵入性，高穿透深度，不需要基因改造的技术，本研究的成功可能为研究记忆分配和增强学习记忆提供宝贵的工具。



## 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.

## 杰出青年学者计划

### *家中的助手／陌生人：探究香港家庭聘用全职家庭佣工的情况以及对其家庭关系的影响*

近年来香港雇用家庭佣工的比率越趋上升。在西方社会，一般家庭主要按时薪聘用工时较短的家务助理。然而，在雇用家佣的香港家庭中，有近九成家庭雇用全职居家外佣。故此，过往在西方家庭研究文献中的研究成果并未能够完全帮助研究人员了解家庭佣工在香港家庭关系中所担当的角色。鉴于雇用全职家佣在香港家庭中的普遍性和重要性，本研究所得的数据对家庭社会学的实证及理论文献作出贡献，并为香港社会提供政策层面上的建议。

过往研究文献主要有三方面不足。第一，大部分研究只依靠横截面数据作研究分析，并且把雇用家佣简单视为一项「二元」、「一次性」的决定。过往并无研究深入探讨雇用家佣的时间轴因素(如雇用家佣的次数、时机和持续时间)；第二，虽然过去有些香港的研究已经指出了雇用家佣对家庭关系带来的潜在问题，这些研究却主要依靠小型和非代表性样本的数据，故此难以估量这些问题在香港社会的普遍程度；第三，过往研究主要集中在探讨家中因素和雇用家佣的关系，却很大程度上忽略了家庭以外的因素(如经济环境和朋辈间的资讯)如何影响雇用家佣的决定以及其对家庭关系的效果。

本研究在理论和方法论方面均有其原创性。在理论方面，这项研究把「社会资本」和「生命历程」视角结合到现有的家务和家庭关系文献中，并建立一个综合的理论框架以分析香港家庭雇用家佣的普遍程度、时机、持续时间以及探讨雇用家佣的因素、模式和对家庭的影响。在方法论方面，本研究采用混合研究方法。在本研究的第一阶段，研究员在各区地址中抽取有代表性样本并进行一项大型的住户问卷调查。是项住户问卷调查是同类研究中首个同时收集关于住户聘用家佣的横截面数据及回顾性事件历史数据。在本研究的第二阶段，研究员在住户问卷调查的受访者中，抽取各类雇用家佣的家庭进行深入访谈以更深入了解是次研究中各变项之间的关系。



## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作

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.

本研究的几项发现阐明了相关研究未来的新方向。首先，本研究发现有和没有雇用外佣的家庭的生育相关决定是不同的。第二，研究结果显示，相当一部分外佣的雇主来自工薪阶层。以往的研究大多以中产家庭为对象，研究其聘用外佣的经验。本研究为研究一些工人阶级家庭的经历提供了相关的数据。最后，香港并非唯一聘用外佣比例高的社会。例如新加坡的外佣雇用率也很高。这项研究收集的数据可以作为未来比较研究的基础，帮助社会学家了解雇用外佣的因素、模式和后果如何因环境而异。

## Research Funding Schemes and RGC Activities 研究资助计划及研资局的工作



### 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.

### 研资局与其他研究资助机构的联系

研资局与其他资助研究的机构经常保持联系，互相核对研究经费的申请，以防止不合理的重迭拨款。



## How Funded Projects are Selected, Monitored and Assessed 资助项目的审批、监察与评核

### 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.

### 厘定拨款的准则

为提升香港学术研究的质素至另一高峰，研资局集中资源，通过具竞逐性的拨款资助计划，为最优质的学术研究项目提供更多资助。

整体来说，研资局对基础研究及应用研究一视同仁，不分轩輊。

此外，研资局必须确定其资助的研究项目具有重大学术价值、内容创新，又能促进学术发展。

对于能为工商界带来短期以至中期利益的应用研究项目，研资局期望受惠的行业亦能承担部分资助。

### 监察与评核的目标

按职权范围，研资局必须监察在教资会研究经费下获拨款的研究项目，并透过教资会最少每年一次向政府提交报告。

为确保公帑用得其所，研资局认为必须监察进展中的项目，以及评核已完成的项目。

为了精益求精，研资局经常检讨监察与评核的机制，以期精简程序，提高整体效率。

因此，获拨款项目的首席研究员／项目统筹者必须向研资局呈交项目进度报告及项目完成报告，以供学科小组／委员会成员监察及审查。研究员所属的院校有责任管理项目及其支出，监察获拨款的设备及仪器的采购及安装，以及设立适当的内部监察机制。



## How Funded Projects are Selected, Monitored and Assessed 资助项目的审批、监察与评核



### 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.

### 监察进展中的项目

监察程序确保有关项目如期进行，并确保首席研究员／项目统筹者有跟进成员所发现及指出的问题。研资局于2015年加强监察程序。由2016/17年度起，除少数短期研究项目可一次过获得整笔资助款项外，所有项目的资助款项将为分期支付。有关首席研究员／项目统筹者必须展示令人满意的进度，才可获得研资局进一步分期资助款项。

就个人研究项目而言，每个获资助的项目，均由一位指定的学科小组成员负责监察。成员根据项目进度报告及项目完成报告监察每个项目。学科小组成员在审阅进度报告后，会因应需要向项目的首席研究员反映意见，供其参考及跟进。

至于集体合作研究项目，项目统筹者必须向负责监察的小组／委员会呈交项目进度报告，以及对其意见作出跟进。

部分项目的首席研究员／项目统筹者须于研讨会或实地探访时向有关小组／委员会、研究界别，以及／或公众人士发表其研究进度及成果。

### 评核已完成的项目

在研究项目预定完成日期后，首席研究员／项目统筹者必须向研资局提交项目完成报告，详列出研究结果、成果、接受培训的学生、已发表的报告、论文及文章，以至拨款的运用及应用的详情。这些报告会交由负责审核该项目的小组／委员会成员作最后评核。

评核已完成的项目分为「满意」、「仅符合要求」及「不满意」三个等级。当首席研究员／项目统筹者提交新的拨款申请时，研资局会考虑其过往的评核结果。



## How Funded Projects are Selected, Monitored and Assessed 资助项目的审批、监察与评核

### 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.

### 反映评核的意见

研资局致力保证及提高研究项目的质素，向研究人员反映外部评审员的意见，是学者评审过程的重要部分。这项做法有助研究人员改进其研究方法，使之更为完善，并将国际研究界别的新意念及专业知识引入本地学术界。

按政策规定，研资局将外部评审员的意见以不具名方式转达给与个人及集体合作研究项目的申请人，如有需要，亦会转达小组／委员会的额外意见。

### 公开完成报告

为让公众分享研究成果，由2010/11学年获资助的计划开始，首席研究员／项目统筹者须公开其项目完成报告，并通过研资局网页让公众查阅。报告包含以浅白文字撰写的摘要、计划目标、研究成果，当中包括以表列形式列出所发表的会议论文／出版刊物／其他研究发现，以及首席研究员／项目统筹者的联络资料。



# Appendices

## 附录


## Appendix A: RGC Membership 2021/22 附录 A：研资局 2021/22 年度成员名单

RGC Member 研资局成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Yuk-shan Wong, SBS, JP (Chairman) 黄玉山教授, SBS, JP (主席)	Hong Kong Metropolitan University (formerly) 香港都会大学(前)	3/2021
Prof Ronaldo Borja	Stanford University 史丹福大学	7/2021
Prof Wai-ye Chan 陈伟仪教授	The Chinese University of Hong Kong 香港中文大学	7/2021
Ms Cordelia Chung 锺郝仪女士	Clarksdale Investment Limited Clarksdale投资有限公司	5/2017
Prof Yip-wah Chung, BBS 锺业华教授, BBS	Northwestern University 西北大学	7/2018
Prof Paul Clark	The University of Auckland 奥克兰大学	7/2014
Prof Michael P Doyle 迈克尔·多伊教授	The University of Texas at San Antonio 德克萨斯大学圣安东尼奥分校	7/2015
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	8/2017
Prof James Fawcett	University of Cambridge 剑桥大学	11/2019
Prof Yike Guo 郭毅可教授	Hong Kong Baptist University 香港浸会大学	7/2021
Prof Raymond Man-pao Kan 简文豹教授	University of Toronto 多伦多大学	7/2017
Mr Henry Kwong-han Leung 梁广恒先生	Nano and Advanced Materials Institute Limited 纳米及先进材料研究院有限公司	4/2017
Prof Wing-kam Liu 廖荣锦教授	Northwestern University 西北大学	7/2020
Prof Tai-lok Lui, JP 吕大乐教授, JP	The Education University of Hong Kong 香港教育大学	7/2018
Prof Helen Mei-ling Meng 蒙美玲教授	The Chinese University of Hong Kong 香港中文大学	7/2016
Prof William Ireland Milne	University of Cambridge 剑桥大学	9/2017
Prof Joshua Ka-ho Mok 莫家豪教授	Lingnan University 岭南大学	4/2017
Prof Irene Oi-lin Ng 吴吕爱莲教授	The University of Hong Kong 香港大学	4/2017

## Appendix A: RGC Membership 2021/22 附录 A：研资局 2021/22 年度成员名单



RGC Member 研资局成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Miles Padgett	University of Glasgow 格拉斯哥大学	7/2021
Prof Daniel Tan-lei Shek, SBS, JP 石丹理教授, SBS, JP	The Hong Kong Polytechnic University 香港理工大学	7/2021
Prof Geoffrey L Smith	University of Cambridge 剑桥大学	7/2015
Prof Richard Strugnell	The University of Melbourne 墨尔本大学	7/2016
Prof Kellee S Tsai 蔡欣怡教授	The Hong Kong University of Science and Technology 香港科技大学	11/2019
Prof Lap-chee Tsui, GBM, GBS, JP 徐立之教授, GBM, GBS, JP	The Academy of Sciences of Hong Kong 香港科学院	8/2017
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西门菲沙大学	7/2018
Prof Michael Mengsu Yang 杨梦苏教授	City University of Hong Kong 香港城市大学	7/2021
Prof Edward Sze-shing Yeung 杨仕成教授	Iowa State University 爱荷华州立大学	7/2014
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加利福尼亚大学圣地牙哥分校	7/2017
Prof Jie Zhang 张杰教授	Chinese Academy of Sciences 中国科学院	7/2020
Prof Charles Surya (Ex-officio Member) 徐星全教授(当然成员)	Innovation and Technology Commission 创新科技署	2/2020
Miss Amy Chan (Secretary) 陈婉雯女士(秘书) (Until 4 October 2021) (至2021年10月4日为止)	University Grants Committee Secretariat 大学教育资助委员会秘书处	
Mr Mike Ng (Secretary) 吴文裕先生(秘书) (Since 18 October 2021) (自2021年10月18日起)	University Grants Committee Secretariat 大学教育资助委员会秘书处	



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

### 附录 B：2021/22 年度研资局成员出席会议的记录

Name 姓名	Total number of RGC meeting(s) 研资局会议的总次数	Total number of RGC meeting(s) attended 成员出席研资局会议次数	Attendance rate 出席率
Prof Yuk-shan Wong, SBS, JP 黄玉山教授, SBS, JP	2	2	100%
Prof Ronaldo Borja*	2	1	50%
Prof Wai-yee Chan 陈伟仪教授	2	2	100%
Ms Cordelia Chung 锺郝仪女士	2	2	100%
Prof Yip-wah Chung, BBS* 锺业华教授, BBS*	2	2	100%
Prof Paul Clark*	2	2	100%
Prof Michael P Doyle* 迈克尔·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* 简文豹教授*	2	2	100%
Mr Henry Kwong-han Leung 梁广恒先生	2	2	100%
Prof Wing-kam Liu* 廖荣锦教授*	2	1	50%
Prof Tai-lok Lui, JP 吕大乐教授, 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 吴吕爱莲教授	2	2	100%
Prof Miles Padgett*	2	1	50%

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

### 附录 B：2021/22 年度研资局成员出席会议的记录



Name 姓名	Total number of RGC meeting(s) 研资局会议的总次数	Total number of RGC meeting(s) attended 成员出席研资局会议次数	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 杨梦苏教授	2	2	100%
Prof Edward Sze-Shing Yeung* 杨仕成教授*	2	2	100%
Prof Paul K L Yu* 余劫离教授*	2	1	50%
Prof Jie Zhang* 张杰教授*	2	2	100%
Prof Charles Surya 徐星全教授	2	1	50%

\* denotes members outside Hong Kong

\* 为非本地成员

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Subject Panels

#### 学科小组

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Biology and Medicine</b> 生物学及医学		
Prof James Fawcett (Chairman) (主席)	University of Cambridge 剑桥大学	1/2017
Prof William Hunter (Deputy Chairman – Joint Research Schemes) (副主席 – 合作研究计划)	University of Dundee 邓迪大学	3/2021
Prof Hongtao Yu (Deputy Chairman – Schemes for Individual Research) (副主席 – 个人研究资助计划)	Westlake University 西湖大学	1/2018
Prof Rudolf Bauer	University of Graz 卡尔·弗朗岑斯格拉茨大学	3/2018
Prof Seth Blackshaw	Johns Hopkins University 约翰霍普金斯大学	11/2018
Prof Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎医学院	11/2019
Prof Marc Cadotte	University of Toronto 多伦多大学	11/2021
Prof Jing Cai 蔡璟教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Daniel Tak-mao Chan 陈德茂教授	The University of Hong Kong 香港大学	3/2018
Prof Danny Chan 陈振胜教授	The University of Hong Kong 香港大学	3/2020
Prof Edwin Ho-yin Chan 陈浩然教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Juliana CN Chan 陈重娥教授	The Chinese University of Hong Kong 香港中文大学	4/2019
Prof Paul Kay-sheung Chan 陈基湘教授	The Chinese University of Hong Kong 香港中文大学	1/2019
Prof Stephen Lam Chan 陈林教授	The Chinese University of Hong Kong 香港中文大学	11/2019



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Zhe-sheng Chen	St. John's University 圣若望大学	3/2022
Prof Alfred Sze-lok Cheng 郑诗乐教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Larry Ming-cheung Chow 周铭祥教授	The Hong Kong Polytechnic University 香港理工大学	3/2018
Prof Meng Chen	University of California, Riverside 加利福尼亚大学河滨分校	12/2019
Prof Zhengming Chen	University of Oxford 牛津大学	11/2020
Prof Ying Cheong	University of Southampton 南安普敦大学	11/2019
Prof Zheng Dong 董政教授	Augusta University 奥古斯塔大学	11/2019
Prof Ian Everall	The University of Western Australia 西澳大学	11/2021
Prof Dean W. Felsher	Stanford University 史丹福大学	11/2021
Prof Sandy Feng	University of California, San Francisco 加利福尼亚大学旧金山分校	11/2020
Prof Xiaohua Gong	University of California, Berkeley 加利福尼亚大学柏克莱分校	3/2020
Prof Jennifer Grandis	University of California, San Francisco 加利福尼亚大学旧金山分校	11/2019
Prof John Cijiang He	Icahn School of Medicine at Mount Sinai 西奈山伊坎医学院	11/2021
Prof Stephen Hawkins	University of Southampton 南安普敦大学	3/2018
Prof Jufang He 贺菊方教授	City University of Hong Kong 香港城市大学	11/2018
Prof Yu Huang 黄聿教授	City University of Hong Kong 香港城市大学	12/2017
Prof Ladd Johnson	Laval University 拉瓦尔大学	1/2020
Prof Liwen Jiang 姜里文教授	The Chinese University of Hong Kong 香港中文大学	3/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Dong-yan Jin 金冬雁教授	The University of Hong Kong 香港大学	2/2019
Prof Yibin Kang 康毅滨教授	Princeton University 普林斯顿大学	12/2018
Prof Kay-tee Khaw	University of Cambridge 剑桥大学	12/2017
Prof Arthur Yu-Shin Kim	Harvard Medical School 哈佛医学院	11/2021
Dr Jessica CF Kwok	University of Leeds 列斯大学	11/2020
Prof Kin-ming Kwan 关健明教授	The Chinese University of Hong Kong 香港中文大学	3/2020
Prof Hon-ming Lam 林汉明教授	The Chinese University of Hong Kong 香港中文大学	2/2019
Prof Ping-yee Law 罗秉义教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	3/2020
Prof Hon-chi Lee	Mayo Clinic College of Medicine 梅约临床医学院	3/2021
Prof Simon Ming-yuen Lee 李铭源教授	University of Macau 澳门大学	3/2022
Prof Andrew Lever	University of Cambridge 剑桥大学	11/2019
Prof Brendan M. Leung	Dalhousie University 戴尔豪斯大学	4/2020
Prof Kenneth Mei-yee Leung 梁美仪教授	City University of Hong Kong 香港城市大学	2/2019
Prof Gang Li 李刚教授	The Chinese University of Hong Kong 香港中文大学	4/2020
Prof Eddy Foo-yew Liew 刘富友教授	University of Glasgow 格拉斯哥大学	4/2019
Prof Anthony Ho-Ling Liu	The University of Texas 德克萨斯大学	11/2021
Prof Hongbin Liu 刘红斌教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Kai Liu 刘凯教授	The Hong Kong University of Science and Technology 香港科技大学	2/2019

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof William Weijia Lu 吕维加教授	The University of Hong Kong 香港大学	12/2018
Prof Nancy Kwan Man 万钧教授	The University of Hong Kong 香港大学	11/2021
Prof Ronald Ching-wan Ma 马青云教授	The Chinese University of Hong Kong 香港中文大学	1/2019
Prof Alex Molasiotis	University of Derby 德比大学	3/2022
Prof Kevin O'Shaughnessy	University of Cambridge 剑桥大学	11/2019
Prof Alexander Ploss	Princeton University 普林斯顿大学	12/2021
Prof Peter Polverini	University of Michigan 密芝根大学	11/2020
Prof Randy Y C Poon 潘逸才教授	The Hong Kong University of Science and Technology 香港科技大学	3/2021
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－维滕贝格大学	11/2018
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科学研究所	12/2018
Prof Jiangang Shen 沈剑刚教授	The University of Hong Kong 香港大学	1/2020
Prof Jie Song	University of Massachusetts 马萨诸塞大学	11/2020
Prof Dong Sun 孙东教授	City University of Hong Kong 香港城市大学	3/2021
Prof Kathryn Choon-beng Tan 陈俊明教授	The University of Hong Kong 香港大学	1/2017
Prof Chi-ho To 杜嗣河教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Stephen Kwok-wing Tsui 徐国荣教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Dongan Wang 王东安教授	City University of Hong Kong 香港城市大学	3/2022
Prof Xiao-fan Wang 王小凡教授	Duke University 杜克大学	12/2019



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Yi Wang	Cornell University 康乃尔大学	11/2020
Prof Zilong Wen 温子龙教授	The Hong Kong University of Science and Technology 香港科技大学	11/2018
Prof Alice S T Wong 黄思齐教授	The University of Hong Kong 香港大学	3/2022
Prof Chris Kong-chu Wong 黄港住教授	Hong Kong Baptist University 香港浸会大学	3/2021
Prof Ferranti Wong	Queen Mary University of London 伦敦大学玛丽皇后学院	12/2017
Prof Frances Kam-yuet Wong 黄金月教授	The Hong Kong Polytechnic University 香港理工大学	3/2021
Prof Kenneth Kak-Yuen Wong 黄格元教授	The University of Hong Kong 香港大学	11/2021
Prof Zhenguo Wu 鄂振国教授	The Hong Kong University of Science and Technology 香港科技大学	1/2017
Prof Jiake Xu	The University of Western Australia 西澳大学	11/2021
Prof Nieng Yan 颜宁教授	Princeton University 普林斯顿大学	1/2019
Prof Xian-jie Yang	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	1/2020
Prof Ella Yeung 杨慧教授	The Hong Kong Polytechnic University 香港理工大学	12/2018
Prof Jun Yu 于君教授	The Chinese University of Hong Kong 香港中文大学	11/2019
Prof Ge Zhang 张戈教授	Hong Kong Baptist University 香港浸会大学	3/2022
Prof Michael Q. Zhang 张奇伟教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	3/2018
Prof Tao Zhang 张涛教授	Chinese Academy of Sciences 中国科学院	1/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Xin Zhang	Columbia University 哥伦比亚大学	11/2021
Prof Yanxiang Zhao 赵燕湘教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Yunde Zhao	University of California, San Diego 加利福尼亚大学圣地牙哥分校	3/2022
Prof Hong Zhou	The University of Sydney 悉尼大学	3/2022



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Subject Panels

#### 学科小组

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Business Studies</b> 商学		
Prof Raymond Man-pao Kan (Chairman) 简文豹教授 (主席)	University of Toronto 多伦多大学	1/2015
Prof Daniel A Cohen (Deputy Chairman – Joint Research Schemes) (副主席 – 合作研究计划)	Vanderbilt University 范德堡大学	2/2021
Prof Rosalie L Tung 董林雪英教授 (Deputy Chairman – Schemes for Individual Research) (副主席 – 个人研究资助计划)	Simon Fraser University 西门菲莎大学	11/2018
Prof Ki-Joon Back	University of Houston 休士顿大学	11/2017
Prof Utpal Bhattacharya	The Hong Kong University of Science and Technology 香港科技大学	11/2017
Prof Frank Chen 陈友华教授	City University of Hong Kong 香港城市大学	3/2018
Prof Kevin Chien-wen Chen 陈建文教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Hsing K. Cheng 郑兴教授	University of Florida 佛罗里达大学	11/2019
Prof Mei-kwan Cheung 张美君教授	Hong Kong Baptist University 香港浸会大学	3/2022
Prof Christina G. Chi	Washington State University 华盛顿州立大学	11/2021
Prof Andrew Tat Tin Ching	Johns Hopkins University 约翰霍普金斯大学	11/2020
Prof Sudipto Dasgupta	The Chinese University of Hong Kong 香港中文大学	11/2017
Prof Zhaoyang Gu 顾朝阳教授	The Chinese University of Hong Kong 香港中文大学	1/2017
Prof Dogan Gursoy	Washington State University 华盛顿州立大学	4/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Cathy Hsu 徐惠群教授	The Hong Kong Polytechnic University 香港理工大学	3/2021
Prof Vernon N Hsu 徐宁教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Ming Hu	University of Toronto 多伦多大学	12/2021
Prof Tim Woonghee Huh	University of British Columbia 英属哥伦比亚大学	11/2019
Prof Kai-lung Hui 许佳龙教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Mingming Leng 冷明明教授	Lingnan University 岭南大学	4/2019
Prof Jingyuan Li 李静远教授	Lingnan University 岭南大学	3/2021
Prof Hongbin Li 李宏彬教授	Stanford University 史丹福大学	11/2018
Prof Kai Lim 林开教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Xiumin Martin	Washington University 华盛顿大学	11/2019
Prof Jeffrey Tee Yong Ng	The Hong Kong Polytechnic University 香港理工大学	11/2018
Prof Albert Francis Park 朴之水教授	The Hong Kong University of Science and Technology 香港科技大学	11/2020
Prof Mike Peng	The University of Texas at Dallas 德克萨斯大学达拉斯分校	11/2020
Prof Gil Sadka	The University of Texas at Dallas 德克萨斯大学达拉斯分校	3/2022
Prof Haipeng Shen 沈海鹏教授	The University of Hong Kong 香港大学	2/2019
Prof Peng Sun 孙彭教授	Duke University 杜克大学	11/2018
Prof Carlos Torelli	University of Illinois at Urbana-Champaign 伊利诺大学厄巴纳—香槟分校	11/2021
Prof Anand Vijh	University of Iowa 爱荷华大学	11/2021



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof M.H. Franco Wong	University of Toronto 多伦多大学	12/2017
Prof Sean Xin Xu 徐心教授	Tsinghua University 清华大学	11/2020
Prof Daphne Wing-yee Yiu 姚咏仪教授	The University of Oklahoma 奥克拉荷马大学	11/2017
Prof Jiawei Zhang 张家伟教授	New York University 纽约大学	3/2018
Prof Wei Thoo Yue 余伟图教授	City University of Hong Kong 香港城市大学	11/2020
Prof Harold Huibing Zhang 张慧冰教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	11/2019
Prof Ting Zhu	Purdue University 普渡大学	11/2021
Prof Xiaodong Zhu 朱晓冬教授	University of Toronto 多伦多大学	11/2019



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



### Subject Panels

#### 学科小组

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Engineering</b> 工程学		
Prof Ronaldo Borja (Chairman) (主席)	Stanford University 史丹福大学	1/2021
Prof Cary Yang (Deputy Chairman – Joint Research Schemes) 杨远伟教授 (副主席－合作研究计划)	Santa Clara University 圣塔克拉拉大学	2/2021
Prof Jon Longtin (Deputy Chairman – Schemes for Individual Research) (副主席－个人研究资助计划)	Stony Brook University 石溪大学	12/2014
Prof Pedro J. Alvarez	Rice University 莱斯大学	11/2018
Prof Catherine Brinson	Duke University 杜克大学	11/2018
Dr Daniel Brunner	Institute FEMTO-ST	3/2022
Prof Jian Cao	Northwestern University 西北大学	11/2018
Prog Guohong Cao	The Pennsylvania State University 宾夕法尼亚州立大学	3/2022
Prof C C Chan 陈清泉教授	The University of Hong Kong 香港大学	3/2022
Prof Calvin Chun-kit Chan 陈俊杰教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Felix T S Chan 陈东燊教授	Macau University of Science and Technology 澳门科技大学	3/2018
Prof Xiuli Chao 赵修利教授	University of Michigan 密芝根大学	11/2018
Prof Lei Chen 陈雷教授	The Hong Kong University of Science and Technology 香港科技大学	1/2017
Prof Nan Chen 陈南教授	The Chinese University of Hong Kong 香港中文大学	2/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Ray Chen	The University of Texas at Austin 德克萨斯大学奥斯汀分校	12/2021
Prof Yingying Chen	Rutgers, The State University of New Jersey 新泽西州立罗格斯大学	11/2020
Prof Yiran Chen 陈怡然教授	Duke University 杜克大学	11/2019
Prof Sai-on Cheung 张世安教授	City University of Hong Kong 香港城市大学	1/2017
Prof Yiu Ming Cheung 张晓明教授	Hong Kong Baptist University 香港浸会大学	11/2020
Prof Francis Y. L. Chin 钱玉麟教授	The University of Hong Kong 香港大学	3/2022
Prof Jason Tsan-ming Choi 蔡灿明教授	University of Liverpool 利物浦大学	2/2020
Prof Ken P Chong 张建平教授	The George Washington University 乔治华盛顿大学	2/2019
Prof Wallace C H Choy 蔡植豪教授	The University of Hong Kong 香港大学	11/2017
Prof Jian Chu 楚剑教授	Nanyang Technological University 南洋理工大学	3/2022
Prof Henry S H Chung 锺树鸿教授	City University of Hong Kong 香港城市大学	11/2017
Prof Lin Dai 代琳教授	City University of Hong Kong 香港城市大学	3/2022
Prof Lucy E. Dunne	University of Minnesota 明尼苏达大学	11/2020
Prof Yonina C. Eldar	Weizmann Institute of Science 魏兹曼科学研究所	11/2021
Prof Horacio D. Espinosa	Northwestern University 西北大学	11/2020
Prof Jintu Fan 范金土教授	The Hong Kong Polytechnic University 香港理工大学	11/2019
Prof Gang Feng 冯刚教授	City University of Hong Kong 香港城市大学	11/2017
Prof Huajian Gao 高华健教授	Nanyang Technological University 南洋理工大学	11/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Nasr M. Ghoniem	University of California, Los Angeles 洛杉矶加利福尼亚大学	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 香港理工大学	11/2017
Prof Kirill V. Horoshenkov	University of Sheffield 雪菲尔大学	4/2019
Prof Grace Yick Hsuan	Drexel University 德雷塞尔大学	11/2018
Prof Hong Jiang 江泓教授	The University of Texas at Arlington 德克萨斯大学阿灵顿分校	11/2021
Prof Ji-jung Kai 开执中教授	City University of Hong Kong 香港城市大学	3/2018
Prof Kazuhiro Kosuge	The University of Hong Kong 香港大学	3/2022
Prof Jay C C Kuo 郭宗杰教授	University of Southern California 南加州大学	1/2017
Prof Albert Kwok-hung Kwan 关国雄教授	The University of Hong Kong 香港大学	3/2022
Prof William Hing-keung Lam 林兴强教授	The Hong Kong Polytechnic University 香港理工大学	11/2018
Prof Francis C. M. Lau 刘智满教授	The University of Hong Kong 香港大学	3/2022
Prof Shun-cheng Lee 李顺诚教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Christopher K Y Leung 梁坚凝教授	The Hong Kong University of Science and Technology 香港科技大学	11/2017
Prof Baochun Li 李葆春教授	University of Toronto 多伦多大学	4/2019
Prof Haizhou Li 李海洲教授	National University of Singapore 新加坡国立大学	1/2017
Prof Heng Li 李恒教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Qiusheng Li 李秋胜教授	City University of Hong Kong 香港城市大学	1/2017



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Wen-jung Li 李文荣教授	City University of Hong Kong 香港城市大学	11/2017
Prof Xiangdong Li 李向东教授	The Hong Kong Polytechnic University 香港理工大学	11/2020
Prof Yangmin Li 李杨民教授	The Hong Kong Polytechnic University 香港理工大学	11/2019
Prof Youfu Li 李友福教授	City University of Hong Kong 香港城市大学	3/2022
Prof Zhu Li	University of Missouri, Kansas City 密苏里大学堪萨斯分校	1/2022
Prof Chee-wah Lim 林志华教授	City University of Hong Kong 香港城市大学	11/2017
Prof Ching-long Lin	The University of Iowa 爱荷华大学	11/2020
Prof Yun-hui Liu 刘云辉教授	The Chinese University of Hong Kong 香港中文大学	3/2020
Prof Irene M C Lo 劳敏慈教授	The Hong Kong University of Science and Technology 香港科技大学	3/2021
Prof Siu-ming Lo 卢兆明教授	City University of Hong Kong 香港城市大学	3/2018
Prof Jane Wei-zhen Lu 卢伟真教授	City University of Hong Kong 香港城市大学	3/2018
Prof Ning Lu	Colorado School of Mines 科罗拉多矿业学院	3/2021
Prof Yiu-wing Mai 米耀荣教授	The University of Sydney 悉尼大学	11/2017
Prof Chris Mi 米春亭教授	San Diego State University 圣地亚哥州立大学	3/2020
Prof James K Mills	University of Toronto 多伦多大学	3/2022
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大学	11/2017
Prof Stephen T Newman	University of Bath 巴斯大学	12/2019
Prof Thomas Shiu-tong Ng 吴兆堂教授	City University of Hong Kong 香港城市大学	3/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Chin Pan 潘钦教授	City University of Hong Kong 香港城市大学	11/2018
Prof George J. Pappas	University of Pennsylvania 宾夕法尼亚大学	11/2018
Prof Witold Pedrycz	University of Alberta 阿尔伯塔大学	3/2018
Prof Duc Truong Pham	University of Birmingham 伯明翰大学	11/2021
Prof Andrew Wing On Poon 潘永安教授	The Hong Kong University of Science and Technology 香港科技大学	11/2021
Prof Chi-sun Poon 潘智生教授	The Hong Kong Polytechnic University 香港理工大学	11/2017
Prof Edwin Y B Pun 潘裕斌教授	City University of Hong Kong 香港城市大学	11/2017
Prof Geoffrey Qiping Shen 沈岐平教授	The Hong Kong Polytechnic University 香港理工大学	11/2017
Prof Weisong Shi 施巍松教授	University of Delawar 特拉华大学	11/2020
Prof Wan-chi Siu 萧允治教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
Prof Kai Sun 孙凯教授	University of Tennessee 田纳西大学	12/2021
Prof Steve Wai-ching Sun 孙维正教授	Columbia University 哥伦比亚大学	3/2020
Prof Kay-chen Tan 陈家进教授	The Hong Kong Polytechnic University 香港理工大学	2/2019
Prof Hong Tang 耶鲁大学	Yale University 耶鲁大学	1/2017
Prof Dacheng Tao 陶大程教授	The University of Sydney 悉尼大学	11/2019
Prof Raymond Kai-yu Tong 汤启宇教授	The Chinese University of Hong Kong 香港中文大学	2/2019
Prof Danny Hin-kwok Tsang 曾宪国教授	The Hong Kong University of Science and Technology 香港科技大学	2/2019
Prof Hon-ki Tsang 曾汉奇教授	The Chinese University of Hong Kong 香港中文大学	3/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Cho-li Wang 王卓立教授	The University of Hong Kong 香港大学	1/2017
Prof Grace Guiling Wang	New Jersey Institute of Technology 新泽西理工学院	11/2020
Prof Honggang Wang	University of Massachusetts Dartmouth 马萨诸塞大学达特茅斯分校	11/2021
Prof Jianping Wang 汪建平教授	City University of Hong Kong 香港城市大学	11/2018
Prof Shengwei Wang 王盛卫教授	The Hong Kong Polytechnic University 香港理工大学	11/2021
Prof Steve Wilcox	University of the Sunshine Coast 阳光海岸大学	2/2019
Prof Kelvin S K Wong 黄绍基教授	The University of Hong Kong 香港大学	11/2020
Prof Dapeng Oliver Wu 吴大鹏教授	City University of Hong Kong 香港城市大学	12/2014
Prof Min Wu 吴旻教授	University of Maryland 马里兰大学	11/2021
Prof Wei Wu	University of Natural Resources and Life Sciences	11/2021
Prof Tao Xie 谢涛教授	Peking University 北京大学	2/2019
Prof Jianbin Xu 许建斌教授	The Chinese University of Hong Kong 香港中文大学	11/2019
Prof Jianliang Xu 徐建良教授	Hong Kong Baptist University 香港浸会大学	1/2017
Prof Mo Yang 杨莫教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Yuanyuan Yang 杨圆圆教授	Stony Brook University 石溪大学	11/2018
Prof Anthony Gar-on Yeh 叶嘉安教授	The University of Hong Kong 香港大学	11/2020
Prof G S Yin 尹国圣教授	The University of Hong Kong 香港大学	3/2022
Prof Ben Young 杨立伟教授	The Hong Kong Polytechnic University 香港理工大学	3/2020

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Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Patrick Yue 俞捷教授	The Hong Kong University of Science and Technology 香港科技大学	11/2017
Prof Lei Zhang 张磊博士	The Hong Kong Polytechnic University 香港理工大学	11/2019
Prof Ming Zhang 张明教授	The Hong Kong Polytechnic University 香港理工大学	2/2017
Prof Nevin Zhang 张连文教授	The Hong Kong University of Science and Technology 香港科技大学	1/2017
Prof Tongyi Zhang 张统一教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Subject Panels

#### 学科小组

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Humanities and Social Sciences</b> 人文学及社会科学		
Prof Cindy Fan (Chairman) 范芝芬教授 (主席)	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	11/2010
Prof Pui-wa Lei (Deputy Chairman – Joint Research Schemes) 李佩华教授 (副主席 – 合作研究计划)	The Pennsylvania State University 宾夕法尼亚州立大学	2/2022
Prof Paul Clark (Deputy Chairman – Schemes for Individual Research and Chairman, Humanities and Arts Sub-Panel) (副主席 – 个人研究资助计划 及人文学及艺术分组主席)	The University of Auckland 奥克兰大学	11/2011
Prof Hua Zhu 祝华教授 (Chairman, Psychology and Linguistics Sub-Panel) (心理学及语言学分组主席)	University College London 伦敦大学学院	11/2017
Prof Gigi Luk 陆智敏教授 (Chairman, Education Sub-Panel) (教育分组主席)	McGill University 麦基尔大学	11/2013
Prof Björn Ahl 伯阳教授	University of Cologne 科隆大学	11/2019
Prof Kathleen Ahrens 安可思教授	The Hong Kong Polytechnic University 香港理工大学	11/2020
Prof Larry Catá Backer 白轲教授	The Pennsylvania State University 宾夕法尼亚州立大学	12/2018
Prof Brian James Baer	Kent State University 肯特州立大学	11/2020
Prof Michael Berry 白睿文教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	1/2017



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Ivica Ico Bukvic	Virginia Polytechnic Institute and State University 维珍尼亚理工学院暨州立大学	11/2021
Prof Casey Burkholder	University of New Brunswick 纽宾士域大学	11/2019
Prof Elizabeth Bye	University of Minnesota 明尼苏达大学	3/2021
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉华大学	11/2017
Prof John Carpenter	University of Bristol 布里斯托大学	1/2022
Prof Ching-sing Chai 蔡敬新教授	The Chinese University of Hong Kong 香港中文大学	12/2018
Prof Jennifer Chan	The University of British Columbia 英属哥伦比亚大学	11/2019
Prof Timothy WK Chan 陈伟强教授	Hong Kong Baptist University 香港浸会大学	1/2017
Prof Sylvia Xiaohua Chen 陈晓华教授	The Hong Kong Polytechnic University 香港理工大学	3/2018
Prof Dennis Kat-hung Cheng 郑吉雄教授	The Education University of Hong Kong 香港教育大学	3/2020
Prof May Hung May Cheng 郑美红教授	The Education University of Hong Kong 香港教育大学	11/2020
Prof Yin-cheong Cheng 郑燕祥教授	The Education University of Hong Kong 香港教育大学	3/2022
Prof Hin-tat Cheung 张显达教授	The Education University of Hong Kong 香港教育大学	1/2017
Prof May Bo Ching 程美宝教授	City University of Hong Kong 香港城市大学	11/2021
Prof Wing-yin Bonnie Chow 周咏妍教授	University College London 伦敦大学学院	3/2022
Dr Samuel KW Chu 朱启华博士	The University of Hong Kong 香港大学	3/2017
Prof Jacques delisle	University of Pennsylvania 宾夕法尼亚大学	3/2021
Prof Joseph Dennis 戴思哲教授	University of Wisconsin-Madison 威斯康辛大学麦迪逊分校	11/2019



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Dennis Doordan	University of Notre Dame 圣母大学	11/2021
Prof Ronald Egan 艾朗诺教授	Stanford University 史丹福大学	11/2020
Prof Eric A. Feldman 费艾克教授	University of Pennsylvania 宾夕法尼亚大学	11/2019
Prof Ronald Fischer	Victoria University of Wellington 威灵顿维多利亚大学	11/2018
Prof Eric Fong 方伟晶教授	The University of Hong Kong 香港大学	3/2018
Prof Helene HL Fung 冯海岚教授	The Chinese University of Hong Kong 香港中文大学	1/2017
Prof David S G Goodman	The University of Sydney 悉尼大学	11/2017
Prof Gemma Yang Gao 高杨教授	Hong Kong Baptist University 香港浸会大学	3/2022
Prof Nan Greenwood	St George's University of London 伦敦大学圣乔治学院	11/2020
Prof Steve Zhongshi Guo 郭中实教授	Hong Kong Baptist University 香港浸会大学	3/2022
Prof Christine M Halse 贺洁婷教授	Deakin University 迪肯大学	11/2017
Prof Wen-Jui Han 韩文瑞教授	New York University 纽约大学	11/2020
Prof Samuel M.Y. Ho 何敏贤教授	City University of Hong Kong 香港城市大学	11/2019
Prof Pasha L. Hsieh	Singapore Management University 新加坡管理大学	3/2022
Prof Michelle Ying-ling Huang 黄映玲教授	Lingnan University 岭南大学	3/2020
Prof Yunte Huang 黄运特教授	Lingnan University 岭南大学	11/2019
Prof Shirley Suet-lin Hung 洪雪莲教授	Hong Kong Baptist University 香港浸会大学	12/2019
Prof Ann Katherine Isaacs	University of Pisa 比萨大学	3/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Jiehong Jiang 姜节泓教授	Birmingham City University 伯明翰城市大学	1/2018
Prof Kendall A. Johnson 庄竞滔教授	The University of Hong Kong 香港大学	11/2018
Prof Rebecca Karl	New York University 纽约大学	11/2021
Prof Ilan Katz	University of New South Wales 新南威尔士大学	12/2019
Prof Lorna Kendrick	Samuel Merritt University 塞缪尔梅里特大学	11/2021
Prof Suk-Young Kim	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	11/2021
Prof Gina W.F. Lai 赖蕴宽教授	Hong Kong Baptist University 香港浸会大学	12/2018
Prof Jennifer Lau	Queen Mary University of London 伦敦玛丽王后大学	11/2021
Prof Icy Kit-bing Lee 李洁冰教授	The Chinese University of Hong Kong 香港中文大学	3/2020
Prof Eliza W. Y. Lee 李咏怡教授	The University of Hong Kong 香港大学	11/2021
Prof Jie Li 李洁教授	Harvard University 哈佛大学	11/2021
Prof Sandy S C Li 李兆璋教授	Hong Kong Baptist University 香港浸会大学	12/2018
Prof Wai-yee Li 李惠仪教授	Harvard University 哈佛大学	3/2022
Prof Xigen Li 李喜根教授	Shanghai University 上海大学	3/2018
Prof Jeffrey Liew	Texas A&M University 德州农工大学	11/2017
Prof George CS Lin 林初升教授	The University of Hong Kong 香港大学	3/2018
Prof Yu-li Liu 刘幼璃教授	City University of Hong Kong 香港城市大学	11/2020
Prof Meichun Liu 刘美君教授	City University of Hong Kong 香港城市大学	3/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Carlos WH Lo 卢永鸿教授	The Chinese University of Hong Kong 香港中文大学	11/2017
Prof Geraldine Macdonald	University of Bristol 布里斯托大学	12/2018
Prof Ann MacPhail	University of Limerick 利墨瑞克大学	11/2017
Prof Raymond A. Mar	York University 约克大学	11/2018
Prof Toby Miller 托比·米勒教授	Loughborough University 拉夫堡大学	11/2019
Prof Tejaswini Niranjana 宁蒂珠教授	Ahmedabad University 艾哈默德巴德大学	11/2020
Prof Michael O'Sullivan 麦可·欧苏利文教授	Independent Scholar	11/2020
Prof Diane Pecorari	City University of Hong Kong 香港城市大学	11/2020
Prof Franklin Perkins	University of Hawai'i at Mānoa 夏威夷大学马诺阿分校	12/2017
Prof Shih-Lung Shaw 萧世伦教授	The University of Tennessee 田纳西大学	11/2019
Prof David Shum 岑浩强教授	The Hong Kong Polytechnic University 香港理工大学	11/2017
Prof Winnie WM So 苏咏梅教授	The Education University of Hong Kong 香港教育大学	3/2018
Prof Céline Yunya Song 宋韵雅教授	Hong Kong Baptist University 香港浸会大学	3/2022
Prof James A. Steintrager	University of California, Irvine 加利福尼亚大学尔湾分校	11/2018
Prof Wilson Wai-san Tam 谭伟新教授	National University of Singapore 新加坡国立大学	3/2022
Prof Hongyin Tao 陶红印教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	11/2021
Prof Michael Tawa	The University of Sydney 悉尼大学	11/2017
Prof Donggen Wang 王冬根教授	Hong Kong Baptist University 香港浸会大学	3/2018

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Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Fahui Wang 王法辉教授	Louisiana State University 路易斯安那州立大学	11/2021
Prof David Wong 黄永信教授	George Mason University 乔治梅森大学	11/2021
Prof Patrick CM Wong 黄俊文教授	The Chinese University of Hong Kong 香港中文大学	1/2017
Prof Evaon Wong-Kim 王竹兰教授	Samuel Merritt University 塞缪尔梅里特大学	11/2020
Prof Laurence James Wood	The Education University of Hong Kong 香港教育大学	11/2020
Prof Weiping Wu 吴维平教授	Columbia University 哥伦比亚大学	11/2017
Prof Emilie Yueh-yu Yeh 叶月瑜教授	Lingnan University 岭南大学	2/2014
Prof Mei Zhan	University of California, Irvine 加利福尼亚大学尔湾分校	11/2018
Prof Xiaoling Zhang 张晓玲教授	City University of Hong Kong 香港城市大学	3/2022
Prof Lei Zhong 锺磊教授	The Chinese University of Hong Kong 香港中文大学	11/2019

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### Subject Panels

#### 学科小组

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Physical Sciences</b> 自然科学		
Prof William Ireland Milne (Chairman) (主席)	University of Cambridge 剑桥大学	11/2013
Prof Arie Iserles (Deputy Chairman – Joint Research Schemes) (副主席 – 合作研究计划)	University of Cambridge 剑桥大学	2/2021
Prof Wesley Cantwell (Deputy Chairman – Schemes for Individual Research) (副主席 – 个人研究资助计划)	Khalifa University 哈里发大学	11/2013
Prof Pierre Braunstein	University of Strasbourg 斯特拉斯堡大学	3/2020
Prof Grant Allen	The University of Manchester 曼彻斯特大学	11/2021
Prof Arthur Chan	University of Toronto 多伦多大学	3/2022
Prof Mike Ashfold	University of Bristol 布里斯托大学	11/2021
Prof David Carey	University of Surrey 萨里大学	11/2021
Prof Johnny CL Chan 陈仲良教授	City University of Hong Kong 香港城市大学	1/2017
Prof Wang Ping Chen 陈望平教授	University of Illinois at Urbana-Champaign 伊利诺大学厄巴纳 – 香槟分校	11/2019
Prof Xiaojun Chen 陈小君教授	The Hong Kong Polytechnic University 香港理工大学	11/2017
Prof Yun Chi 季昀教授	City University of Hong Kong 香港城市大学	3/2022
Prof Pauline Chiu 赵竇貽教授	The University of Hong Kong 香港大学	2/2019
Prof Eric Tsz-shun Chung 锺子信教授	The Chinese University of Hong Kong 香港中文大学	3/2022

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Jimmy Chi-hung Fung 冯志雄教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Jonathan Cooper	University of Glasgow 格拉斯哥大学	11/2021
Prof Les Field	University of New South Wales 新南威尔士大学	11/2021
Prof Jianping Gan 甘剑平教授	The Hong Kong University of Science and Technology 香港科技大学	2/2017
Prof Nicholas J. Higham	The University of Manchester 曼彻斯特大学	11/2019
Prof I-ming Hsing 邢怡铭教授	The Hong Kong University of Science and Technology 香港科技大学	11/2017
Prof Lancelot F. James 在林寿教授	The Hong Kong University of Science and Technology 香港科技大学	11/2020
Prof Alex Jen 任广禹教授	City University of Hong Kong 香港城市大学	3/2022
Prof Jimmy Jiao 焦赳赳教授	The University of Hong Kong 香港大学	3/2021
Prof Chi-yung Jim 詹志勇教授	The Education University of Hong Kong 香港教育大学	11/2018
Prof Fuk-yee Kwong 邝福儿教授	The Chinese University of Hong Kong 香港中文大学	1/2017
Prof Daniel Shu-ping Lau 刘树平教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
Prof Chun-sing Lee 李振声教授	City University of Hong Kong 香港城市大学	3/2022
Prof Young Hee Lee	Sungkyunkwan University 成均馆大学	11/2019
Prof Conan Nai-chung Leung 梁乃聪教授	The Chinese University of Hong Kong 香港中文大学	2/2019
Prof Zhenyang Lin 林振阳教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Hongyu Liu 刘宏宇教授	City University of Hong Kong 香港城市大学	11/2018
Prof Chengde Mao 毛诚德教授	Purdue University 普渡大学	4/2019



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Alexis Markovits	Pierre and Marie Curie University 皮埃尔和玛丽·居里大学	3/2022
Prof Aleksandar Mijatovic	University of Warwick 华威大学	11/2021
Prof Chung-Yu Mou	National Tsing Hua University 国立清华大学	11/2021
Prof Dennis Kee-pui Ng 吴基培教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Pablo Ordejón	Catalan Institute of Nanoscience and Nanotechnology 西班牙加泰罗尼亚纳米科学和纳米技术研究所	11/2021
Prof John R Owen	University of Southampton 南安普敦大学	11/2017
Prof Jong-shi Pang	University of Southern California 南加州大学	3/2021
Prof Andrey Rogach	City University of Hong Kong 香港城市大学	3/2018
Prof Defeng Sun 孙德锋教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Hongzhe Sun 孙红哲教授	The University of Hong Kong 香港大学	11/2020
Prof Min Sun 孙敏教授	The University of Hong Kong 香港大学	11/2019
Prof Christopher Tout	University of Cambridge 剑桥大学	3/2018
Prof Ophelia K C Tsui 徐昆翠教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Jianfang Wang 王建方教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Junhui Wang 王军辉教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Ricky Man-shing Wong 黄文成教授	Hong Kong Baptist University 香港浸会大学	2/2017
Prof Teng-fong Wong 黄庭芳教授	The Chinese University of Hong Kong 香港中文大学	3/2020
Prof Zhouping Xin 辛周平教授	The Chinese University of Hong Kong 香港中文大学	11/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 学科小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Vivian W.W. Yam 任咏华教授	The University of Hong Kong 香港大学	11/2019
Prof Tong Yang 杨彤教授	City University of Hong Kong 香港城市大学	11/2019
Prof Wang Yao 姚望教授	The University of Hong Kong 香港大学	11/2017
Dr Zhongping Yao 姚锺平博士	The Hong Kong Polytechnic University 香港理工大学	2/2019
Prof Zhiliang Ying 应志良教授	Columbia University 哥伦比亚大学	11/2018
Prof Jianzhen Yu 郁建珍教授	The Hong Kong University of Science and Technology 香港科技大学	11/2020
Prof Hua Zhang 张华教授	City University of Hong Kong 香港城市大学	3/2021
Prof Qiming Zhou 周启鸣教授	Hong Kong Baptist University 香港浸会大学	3/2018
Prof Jun Zou 邹军教授	The Chinese University of Hong Kong 香港中文大学	3/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Collaborative Research Fund Selection Panel

#### 协作研究金评审小组

Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Paul K L Yu (Chair) 余劫离教授 (主席)	University of California, San Diego 加利福尼亚大学圣地牙哥分校	7/2017
Prof Pedro J. Alvarez	Rice University 莱斯大学	3/2020
Dr Amitava Banerjee	University College London 伦敦大学学院	7/2020
Prof Rudolf Bauer 鲍儒德教授	University of Graz 卡尔·弗朗岑斯格拉茨大学	7/2020
Prof Yuri Bazilevs	Brown University 布朗大学	7/2020
Prof Seth Blackshaw	Johns Hopkins University 约翰霍普金斯大学	3/2020
Prof Ronaldo I. Borja	Stanford University 史丹福大学	3/2020
Prof Pierre Braunstein	University of Strasbourg 斯特拉斯堡大学	3/2021
Prof Catherine L. Brinson	Duke University 杜克大学	3/2020
Prof Casey Burkholder	University of New Brunswick 纽宾士域大学	7/2020
Prof Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎医学院	3/2020
Prof Elizabeth Bye	University of Minnesota 明尼苏达大学	3/2021
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉华大学	3/2021
Prof Wesley Cantwell	Khalifa University, Abu Dhabi 阿布扎比哈利法大学	7/2020
Prof Jian Cao 曹简教授	Northwestern University 西北大学	7/2020
Prof Jiun-shyan Chen 陈俊贤教授	University of California, San Diego 加利福尼亚大学圣地牙哥分校	7/2016

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Meng Chen 陈蒙教授	University of California, Riverside 加利福尼亚大学河滨分校	3/2020
Prof Wang-Ping Chen 陈望平教授	University of Illinois at Urbana-Champaign 伊利诺大学厄巴纳-香槟分校	3/2020
Prof Ying Cheong	University of Southampton 南安普敦大学	3/2020
Prof George T.C. Chiu 邱祚之教授	Purdue University 普渡大学	7/2020
Prof Ken Chong 张建平教授	The George Washington University 乔治华盛顿大学	3/2021
Dr Rajiv Chowdhury 拉吉夫·乔杜里博士	University of Cambridge 剑桥大学	7/2020
Prof Yip-wah Chung, BBS 锺业华教授, BBS	Northwestern University 西北大学	7/2018
Prof Paul Clark	The University of Auckland 奥克兰大学	7/2014
Prof Zheng Dong 董政教授	Augusta University 奥古斯塔大学	3/2020
Prof Michael P Doyle 迈克尔·多伊教授	The University of Texas at San Antonio 德克萨斯大学圣安东尼奥分校	7/2015
Prof Lucy Dunne	University of Minnesota 明尼苏达大学	7/2020
Prof Thomas Efferth	Johannes Gutenberg University Mainz 约翰尼斯·古腾堡-美茵兹大学	3/2021
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	8/2017
Prof James Fawcett	University of Cambridge 剑桥大学	11/2019
Prof Eric A. Feldman 费艾克教授	University of Pennsylvania 宾夕法尼亚大学	7/2020
Prof Sandy Feng	University of California, San Francisco 加利福尼亚大学旧金山分校	3/2021
Prof Ronald Fischer	Victoria University of Wellington 威灵顿维多利亚大学	7/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Nasr M. Ghoniem	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	3/2021
Prof Xiaohua Gong	University of California, Berkeley 加利福尼亚大学柏克莱分校	3/2021
Prof Gian Francesco Giudice 吉安·弗朗切斯科·朱迪切教授	The European Organization for Nuclear Research 欧洲核子研究组织	3/2020
Prof David Stephen Gordon Goodman 古德曼教授	The University of Sydney 悉尼大学	3/2020
Prof Jennifer Rubin Grandis	University of California, San Francisco 加利福尼亚大学旧金山分校	3/2020
Prof Nan Greenwood	St George's University of London 伦敦大学圣乔治学院	3/2021
Dr Jonathan Grimes	Oxford University 牛津大学	7/2020
Dr Julio C. Guerrero	Massachusetts Institute of Technology 麻省理工学院	7/2020
Prof Thomas H. Hahn	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	7/2020
Prof Wen-Jui Han	New York University 纽约大学	3/2021
Prof Stephen John Hawkins	University of Southampton 南安普敦大学	3/2020
Prof Nicholas J. Higham	The University of Manchester 曼彻斯特大学	3/2021
Prof Kirill V. Horoshenkov	The University of Sheffield 雪菲尔大学	3/2020
Prof Grace Yick Hsuan	Drexel University 德雷塞尔大学	7/2020
Prof Woonghee Tim Huh	University of British Columbia 英属哥伦比亚大学	7/2020
Prof Lam Hui 许林教授	Columbia University 哥伦比亚大学	3/2020
Prof William N Hunter	University of Dundee 邓迪大学	3/2020
Prof Jiehong Jiang 姜节泓教授	Birmingham City University 伯明翰城市大学	3/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Zhigang Jiang 江志刚教授	Georgia Institute of Technology 乔治亚理工学院	3/2021
Prof Zhuo Jing-Schmidt 井苗教授	University of Oregon 俄勒冈大学	3/2021
Prof Ladd Johnson	Laval University 拉瓦尔大学	3/2020
Prof Raymond Man-pao Kan 简文豹教授	University of Toronto 多伦多大学	7/2017
Prof Yibin Kang 康毅滨教授	Princeton University 普林斯顿大学	3/2020
Prof Ilan Katz	University of New South Wales 新南威尔士大学	3/2021
Dr Julia Kenyon	University of Cambridge 剑桥大学	7/2020
Prof Kay Tee Khaw	University of Cambridge 剑桥大学	3/2020
Prof Arthur Kim	Massachusetts General Hospital 麻省总医院	7/2020
Prof Philip T Krein	The University of Illinois at Urbana-Champaign 伊利诺大学厄巴纳－香槟分校	3/2020
Dr. Jessica CF Kwok	University of Leeds 列斯大学	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 加利福尼亚大学洛杉矶分校	7/2021
Prof Ting-Kuo Lee 李定国教授	National Sun Yat-sen University 国立中山大学	3/2020
Prof Young Hee Lee 李永熙教授	Sungkyunkwan University 成均馆大学	3/2021
Prof Puiwa Lei	Pennsylvania State University 宾夕法尼亚州立大学	3/2021
Prof Brendan M Leung	Dalhousie University 戴尔豪斯大学	7/2020
Prof Andrew Michael Lever	University of Cambridge 剑桥大学	3/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Baochun Li 李葆春教授	University of Toronto 多伦多大学	3/2020
Prof Jun Li	Stanford University 史丹福大学	3/2021
Prof Eddy Foo-yew Liew 刘富友教授	University of Glasgow 格拉斯哥大学	7/2020
Prof Jeffrey Liew	Texas A&M University 德州农工大学	7/2020
Prof Wing-kam Liu 廖荣锦教授	Northwestern University 西北大学	3/2020
Prof Kenneth J Loh	University of California, San Diego 加利福尼亚大学圣地牙哥分校	3/2020
Prof Jon Longtin	Stony Brook University 石溪大学	7/2021
Prof Peter Lucas	Leiden University 莱顿大学	7/2021
Prof Gigi Luk 陆智敏教授	McGill University 麦基尔大学	3/2020
Prof Geraldine Macdonald	University of Bristol 布里斯托大学	3/2021
Prof Ann MacPhail	University of Limerick 利墨瑞克大学	3/2021
Prof Anita Mak 麦吕瑞华教授	University of Canberra 坎培拉大学	7/2017
Prof Raymond A. Mar	York University 约克大学	7/2020
Prof Muriel Medard	Massachusetts Institute of Technology 麻省理工学院	3/2021
Prof Toby Miller 托比·米勒教授	Loughborough University 拉夫堡大学	3/2021
Prof William Ireland Milne	University of Cambridge 剑桥大学	9/2017
Dr Hoi Ping Mok	University of Cambridge 剑桥大学	7/2020
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大学	3/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Stephen T Newman	University of Bath 巴斯大学	3/2021
Prof Kevin O`Shaughnessy	University of Cambridge 剑桥大学	3/2020
Prof John R Owen	University of Southampton 南安普敦大学	3/2020
Prof George J. Pappas	University of Pennsylvania 宾夕法尼亚大学	7/2020
Prof Witold Pedrycz	University of Alberta 阿尔伯塔大学	7/2020
Dr Alexander Ploss	Princeton University 普林斯顿大学	7/2020
Prof Peter Polverini	University of Michigan 密芝根大学	7/2021
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－维滕贝格大学	3/2020
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科学研究所	3/2020
Dr Shih-lung Shaw 萧世伦教授	The University of Tennessee 田纳西大学	7/2020
Prof Pei-Yong Shi 史佩勇教授	The University of Texas 德克萨斯大学	7/2020
Prof Weisong Shi 施巍松教授	Wayne State University 韦恩州立大学	3/2021
Prof Geoffrey L Smith	University of Cambridge 剑桥大学	3/2021
Prof James A. Steintrager	University of California, Irvine 加利福尼亚大学尔湾分校	7/2021
Prof Richard Strugnell	The University of Melbourne 墨尔本大学	7/2016
Prof Steve Waiching Sun 孙维正教授	Columbia University 哥伦比亚大学	7/2020
Prof Hong Tang	Yale University 耶鲁大学	3/2020
Prof Dacheng Tao 陶大程教授	The University of Sydney 悉尼大学	7/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Michael Tawa	The University of Sydney 悉尼大学	7/2020
Prof Simon F.B. Tett	University of Edinburgh 爱丁堡大学	3/2020
Prof Christopher Tout	University of Cambridge 剑桥大学	3/2020
Prof Grace Guiling Wang	New Jersey Institute of Technology 新泽西理工学院	3/2021
Dr Jian Wang	Peking University 北京大学	3/2021
Prof Xiao-Fan Wang 王小凡教授	Duke University 杜克大学	3/2020
Prof Yi Wang	Cornell University 康奈尔大学	3/2021
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加利福尼亚大学河滨分校	3/2020
Prof Nancy Wong	University of Wisconsin-Madison 威斯康辛大学麦迪逊分校	3/2020
Prof Evaon Wong-Kim	Samuel Merritt University 塞缪尔梅里特大学	7/2021
Prof Dapeng Oliver Wu 吴大鹏教授	University of Florida 佛罗里达大学	7/2020
Prof Weiping Wu 吴维平教授	Columbia University 哥伦比亚大学	3/2020
Prof Tao Xie 谢涛教授	Peking University 北京大学	3/2020
Prof Sean Xin Xu 徐心教授	Tsinghua University 清华大学	7/2021
Prof Cary Yang 杨远伟教授	Santa Clara University 圣塔克拉拉大学	3/2020
Prof Xian-Jie Yang	University of California 加利福尼亚大学	3/2020
Prof Edward S Yeung 杨仕成教授	Iowa State University 爱荷华州立大学	7/2014
Prof Hongtao Yu 于洪涛教授	The University of Texas 德克萨斯大学	3/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单



Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof May Yuan 袁玫教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	3/2020
Prof Mei Zhan 詹梅教授	University of California, Irvine 加利福尼亚大学尔湾分校	7/2020
Prof Tian Cheng Zhang 张天成教授	Columbia University 哥伦比亚大学	3/2020
Prof Michael Q Zhang 张奇伟教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	7/2020
Prof Huibing Harold Zhang 张慧冰教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	7/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Collaborative Research Projects Steering Committee 协作研究项目督导委员会

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Edward Sze-shing Yeung (Chairman) 杨仕成教授 (主席)	Iowa State University 爱荷华州立大学	6/2021
Prof Ronaldo Borja	Stanford University 史丹福大学	6/2021
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	6/2021
Prof James Fawcett	University of Cambridge 剑桥大学	6/2021
Prof Raymond Man-pao Kan 简文豹教授	University of Toronto 多伦多大学	6/2021
Prof William Ireland Milne	University of Cambridge 剑桥大学	6/2021
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加利福尼亚大学圣地牙哥分校	6/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单



### Areas of Excellence Selection Panel

#### 卓越学科领域计划遴选小组

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Edward Sze-shing Yeung (Chairman) 杨仕成教授 (主席)	Iowa State University 爱荷华州立大学	7/2017
Prof Larry Catá Backer 白轲教授	The Pennsylvania State University 宾夕法尼亚州立大学	10/2021
Prof Ronaldo Borja	Stanford University 史丹福大学	7/2021
Prof Catherine Brinson	Duke University 杜克大学	10/2021
Prof Ralf Bundschuh	The Ohio State University 俄亥俄州立大学	3/2020
Prof Wesley Cantwell	Khalifa University of Science Technology and Research 哈利法科技研究大学	4/2020
Prof Yingying Chen	Rutgers, The State University of New Jersey 新泽西州立罗格斯大学	10/2021
Prof Yiran Chen 陈怡然教授	Duke University 杜克大学	10/2021
Prof George T C Chiu 邱祚之教授	Purdue University 普渡大学	10/2021
Prof Jonathan Chubb	University College London 伦敦大学学院	3/2022
Prof Paul Clark	The University of Auckland 奥克兰大学	4/2020
Prof Joseph Dennis 戴思哲教授	University of Wisconsin-Madison 威斯康辛大学麦迪逊分校	10/2021
Prof Horacio D Espinosa	Northwestern University 西北大学	10/2021
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	7/2018
Prof James Fawcett	University of Cambridge 剑桥大学	9/2019
Prof Ronald Fischer	Victoria University of Wellington 威灵顿维多利亚大学	10/2021



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Nasr M Ghoniem	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	10/2021
Dr Julio C Guerrero	Exponent, Inc.	10/2021
Prof Lam Hui 许林教授	Columbia University 哥伦比亚大学	3/2020
Prof Raymond Man-pao Kan 简文豹教授	University of Toronto 多伦多大学	7/2017
Prof Yibin Kang 康毅滨教授	Princeton University 普林斯顿大学	3/2018
Prof Kay Tee Khaw	University of Cambridge 剑桥大学	3/2020
Prof Andrew Lever	University of Cambridge 剑桥大学	10/2021
Prof Wing-kam Liu 廖荣锦教授	Northwestern University 西北大学	3/2016
Prof Jon Longtin	Stony Brook University 石溪大学	11/2020
Prof William Ireland Milne	University of Cambridge 剑桥大学	9/2017
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大学	10/2021
Prof Stephen T Newman	University of Bath 巴斯大学	10/2021
Prof John R Owen	University of Southampton 南安普敦大学	10/2021
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷-维滕贝格大学	3/2020
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科学研究所	10/2021
Prof Richard Strugnell	The University of Melbourne 墨尔本大学	10/2021
Prof Steve Wai-ching Sun 孙维正教授	Columbia University 哥伦比亚大学	10/2021
Prof Michael Tawa	The University of Sydney 悉尼大学	10/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西门菲莎大学	4/2020
Prof Dapeng Oliver Wu 吴大鹏教授	City University of Hong Kong 香港城市大学	10/2021
Prof Yuanyuan Yang 杨圆圆教授	Stony Brook University 石溪大学	10/2021
Prof Hongtao Yu 于洪涛教授	Westlake University 西湖大学	4/2020
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加利福尼亚大学圣地牙哥分校	3/2018
Prof Mei Zhan	University of California, Irvine 加利福尼亚大学尔湾分校	10/2021
Prof Harold Zhang 张慧冰教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	3/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Theme-based Research Scheme Selection Panel

#### 主题研究计划遴选小组

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Edward Sze-shing Yeung (Chairman) 杨仕成教授 (主席)	Iowa State University 爱荷华州立大学	7/2017
Prof Pedro J. Alvarez	Rice University 莱斯大学	7/2021
Prof Ronaldo Borja	Stanford University 史丹福大学	7/2021
Prof Catherine Brinson	Duke University 杜克大学	7/2021
Prof Wesley Cantwell	Khalifa University of Science Technology and Research 哈利法科技研究大学	7/2020
Prof Sabri Cetin	University of Illinois at Chicago 伊利诺大学芝加哥分校	7/2016
Prof Andrew Tat Tin Ching	Johns Hopkins University 约翰霍普金斯大学	7/2021
Prof George T C Chiu 邱祚之教授	Purdue University 普渡大学	7/2021
Prof Jin-chuan Duan 段锦泉教授	National University of Singapore 新加坡国立大学	11/2017
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加利福尼亚大学洛杉矶分校	8/2017
Prof James Fawcett	University of Cambridge 剑桥大学	9/2019
Prof Raymond Man-pao Kan 简文豹教授	University of Toronto 多伦多大学	7/2017
Prof Yibin Kang 康毅滨教授	Princeton University 普林斯顿大学	8/2017
Prof Kay Tee Khaw	University of Cambridge 剑桥大学	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 麦基尔大学	7/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Fanxin Long	University of Pennsylvania 宾夕法尼亚大学	7/2020
Prof Sylvie Lorente	Villanova University 维拉诺华大学	8/2019
Prof William Ireland Milne	University of Cambridge 剑桥大学	9/2019
Mr Victor Ng 吴国豪先生	Micom Tech Limited	8/2019
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－维滕贝格大学	7/2020
Prof Richard Strugnell	The University of Melbourne 墨尔本大学	7/2020
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西门菲莎大学	4/2020
Prof Andrew J Whittle	Massachusetts Institute of Technology 麻省理工学院	7/2018
Prof Nancy Y Wong	University of Wisconsin-Madison 威斯康辛大学麦迪逊分校	7/2020
Prof Yuanyuan Yang 杨圆圆教授	Stony Brook University 石溪大学	7/2021
Prof Hongtao Yu 于洪涛教授	Westlake University 西湖大学	4/2020
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加利福尼亚大学圣地牙哥分校	7/2015
Prof Harold Zhang 张慧冰教授	The University of Texas at Dallas 德克萨斯大学达拉斯分校	10/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单

### Steering Committee on Research Themes and Topics

#### 研究主题及题目督导委员会

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(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 香港科学院	12/2017
Ir Dr Hon-fai Chan, BBS 陈汉辉博士	Cinotech Consultants Limited 汉臻顾问有限公司	12/2021
Prof Wai-yee Chan 陈伟仪教授	The Chinese University of Hong Kong 香港中文大学	12/2021
Prof Shuk-han Cheng 郑淑娴教授	City University of Hong Kong 香港城市大学	12/2017
Dr Nim-kwan Cheung 张念坤先生	Alphotonics Limited	1/2020
Prof Yike Guo 郭毅可教授	Hong Kong Baptist University 香港浸会大学	12/2021
Mr Henry Kwong-han Leung 梁广恒先生	Nano and Advanced Materials Institute Limited 纳米及先进材料研究院有限公司	12/2017
Prof Dennis Yuk-ming Lo, SBS, JP 卢煜明教授, SBS, JP	The Chinese University of Hong Kong 香港中文大学	12/2017
Prof Ting-chuen Pong 庞鼎全教授	The Hong Kong University of Science and Technology 香港科技大学	12/2017
Mr Ming-yam Wong, SBS, JP 王明鑫先生, SBS, JP	Innolink Investments Limited 崇贤投资有限公司	12/2017
Prof Richard Yue-chim Wong, SBS, JP 王于渐教授, SBS, JP	The University of Hong Kong 香港大学	12/2017
Prof Edward Sze-shing Yeung (Ex-officio Member) 杨仕成教授 (当然成员)	Iowa State University 爱荷华州立大学	12/2017
Prof Charles Surya (Ex-officio Member) 徐星全教授 (当然成员)	Innovation and Technology Commission 创新科技署	2/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



### Research Impact Fund Committee

#### 研究影响基金委员会

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Yip-wah Chung, BBS (Chairman) 锺业华教授, BBS (主席)	Northwestern University 西北大学	3/2018
Prof Owen Addison	King's College London 伦敦国王学院	4/2018
Prof Daniel Alexander	University College London 伦敦大学学院	4/2018
Prof Soon Ang	Nanyang Technological University 南洋理工大学	4/2018
Prof Brian James Baer	Kent State University 肯特州立大学	3/2021
Prof Eileen Breslin	The University of Texas 德克萨斯大学	4/2018
Prof Heather Campbell	University of British Columbia 英属哥伦比亚大学	5/2018
Prof Yihai Cao 曹义海教授	Karolinska Institutet 卡罗琳斯卡学院	3/2021
Prof Xiao-Ping Chen 陈晓萍教授	University of Washington 华盛顿大学	3/2018
Prof George T. C. Chiu 邱祚之教授	Purdue University 普渡大学	5/2020
Prof Ken P Chong 张建平教授	The George Washington University 乔治华盛顿大学	3/2021
Prof Justin Jang Hann Chu	National University of Singapore 新加坡国立大学	3/2021
Prof Michael P Doyle	The University of Texas at San Antonio 德克萨斯大学圣安东尼奥分校	3/2018
Prof Hanming Fang 方汉明教授	University of Pennsylvania 宾夕法尼亚大学	5/2020
Prof William Grabe	Northern Arizona University 北亚利桑那大学	4/2018
Prof Jianguo Guan 官建国教授	Wuhan University of Technology 武汉理工大学	4/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Brad Holschuh	University of Minnesota 明尼苏达大学	3/2021
Prof Jeffrey Hu	Georgia Institute of Technology 乔治亚理工学院	4/2018
Prof William N Hunter	University of Dundee 邓迪大学	3/2018
Prof Zhigang Jiang 江志刚教授	Georgia Institute of Technology 乔治亚理工学院	5/2018
Dr Sunil Kukreja	Scientific Systems Company, Inc.	4/2018
Prof Terry Lamb	University of Westminster 西敏寺大学	4/2018
Prof Seung-Wuk Lee	University of California, Berkeley 加利福尼亚大学伯克利分校	4/2018
Prof Kai Li	University of British Columbia 英属哥伦比亚大学	5/2020
Prof Lingjun Li 李灵军教授	University of Wisconsin-Madison 威斯康辛大学麦迪逊分校	4/2018
Prof Shaofan Li 李少凡教授	University of California, Berkeley 加利福尼亚大学伯克利分校	4/2018
Dr Ruifeng Liang 梁瑞凤博士	West Virginia University 西维吉尼亚大学	4/2018
Prof Peter K. Liaw 廖楷辉教授	The University of Tennessee 田纳西大学	4/2018
Prof Peter Lucas	University of Twente 屯特大学	5/2018
Prof Vincent Mak 麦华嵩教授	University of Cambridge 剑桥大学	4/2018
Prof Stuart Maudsley	University of Antwerp 安特卫普大学	4/2018
Prof Chris Mi	San Diego State University 圣地亚哥州立大学	4/2018
Prof Tracey Moore	The University of Sheffield 雪菲尔德大学	5/2018
Prof Ray Owens	University of Oxford 牛津大学	4/2018

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Jian Pei 裴健教授	Duke University 杜克大学	5/2018
Prof Luis Perez-Gonzalez	University of Agder 阿格德尔大学	3/2021
Mr Michael Pidd	The University of Sheffield 雪菲尔德大学	5/2018
Prof Dong Qian	University of Texas at Dallas 德克萨斯大学达拉斯分校	3/2021
Prof Subramanian Ramaswamy	Purdue University 普渡大学	4/2018
Prof Matthias Schwab	University of Tübingen 杜宾根大学	4/2018
Prof Steve Waiching Sun 孙维正教授	Columbia University 哥伦比亚大学	3/2021
Prof Yong Tan 谭勇教授	University of Washington 华盛顿大学	4/2018
Prof Shaoqiang Tang 唐少强教授	Peking University 北京大学	4/2018
Prof Jinhua Wang	University of Minnesota 明尼苏达大学	5/2018
Prof Bridgette Wessels	University of Glasgow 格拉斯哥大学	4/2018
Prof David Winkler	Monash University 蒙纳殊大学	4/2018
Prof Won-Sub Yoon	Sungkyunkwan University 成均馆大学	4/2018
Prof Raymond Yung	University of Michigan 密芝根大学	4/2018
Prof Yongjie Jessica Zhang	Carnegie Mellon University 卡尼基美隆大学	5/2018
Prof Qiang Zhang	Tsinghua University 清华大学	4/2022
Prof Hongcai Joe Zhou 周宏才教授	Texas A&M University 德州农工大学	5/2018



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单

### Steering Committee on Competitive Research Funding for the Self-financing Degree Sector 自资学位界别竞逐研究资助督导委员会

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Yuk-shan Wong, SBS, JP (Chairman) 黄玉山教授, SBS, JP (主席)	Hong Kong Metropolitan University (formerly) 香港都会大学(前)	3/2021
Prof Che-ting Chan 陈子亭教授	The Hong Kong University of Science and Technology 香港科技大学	10/2016
Prof Patrick Yam-keung Chau 周荫强教授	The University of Hong Kong 香港大学	10/2018
Prof Helen Mei-ling Meng 蒙美玲教授	The Chinese University of Hong Kong 香港中文大学	10/2013
Prof Catherine Tien-lun Sun 孙天伦教授	Hong Kong Shue Yan University 香港树仁大学	10/2018
Prof Eden Siu-hung Yu 俞肇熊教授	Chu Hai College of Higher Education 珠海学院	10/2016
Mr Esmond Chung-sin Lee, JP (Ex-officio Member) 李忠善先生, JP (当然成员)	Education Bureau, HKSAR Government 香港特别行政区教育局	10/2019

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



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

#### 本地自资学位界别竞逐研究资助计划评审小组

Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Helen Mei-ling Meng (Chairman) 蒙美玲教授(主席)	The Chinese University of Hong Kong 香港中文大学	9/2016
Prof Ngai-hang Chan (Subject Convenor (Physical Sciences)) 陈毅恒教授 (学科召集人(自然科学))	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof George Guo-quan Huang (Subject Convenor (Engineering)) 黄国全教授 (学科召集人(工程学))	The University of Hong Kong 香港大学	9/2016
Prof Julie Juan Li (Subject Convenor (Business Studies)) 李娟教授 (学科召集人(商学))	City University of Hong Kong 香港城市大学	3/2020
Prof Kenneth Kuen-fung Sin (Subject Convenor (Humanities and Social Sciences)) 冼权锋教授 (学科召集人(人文学及社会科学))	The Education University of Hong Kong 香港教育大学	10/2017
Prof Chris Kong-chu Wong (Subject Convenor (Biology and Medicine)) 黄港住教授 (学科召集人(生物学及医学))	Hong Kong Baptist University 香港浸会大学	3/2020
Prof Alan Hoi-shou Chan 陈海寿教授	City University of Hong Kong 香港城市大学	3/2020
Prof Kalok Chan 陈家乐教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Simon Tak-mau Chan 陈德茂教授	Hong Kong Baptist University 香港浸会大学	3/2022
Prof Louis Tsz-wan Cheng 郑子云教授	The Hang Seng University of Hong Kong 香港恒生大学	3/2022



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单

Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Christy Mei-kwan Cheung 张美君教授	Hong Kong Baptist University 香港浸会大学	3/2019
Prof Warren Chi-kwan Chiu 赵之琨教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Stephen Yiu-wai Chu 朱耀伟教授	The University of Hong Kong 香港大学	3/2017
Prof Cecilia Ka-wai Chun 秦家慧教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Alex Jingwei He 和经纬教授	The Education University of Hong Kong 香港教育大学	3/2021
Prof Kin-fai Ho 何建辉教授	The Chinese University of Hong Kong 香港中文大学	3/2020
Prof Daniel Sai-yin Ho 何世贤教授	The University of Hong Kong 香港大学	3/2021
Prof Jiewen Hong 洪洁雯教授	The Hong Kong University of Science and Technology 香港科技大学	3/2022
Prof Timothy Chi-yui Kwok 郭志锐教授	The Chinese University of Hong Kong 香港中文大学	3/2017
Prof Sylvia Yuk-ching Kwok Lai 郭黎玉晶教授	City University of Hong Kong 香港城市大学	3/2021
Prof Ching-man Lam 林静雯教授	Caritas Institute of Higher Education 明爱专上学院	3/2022
Prof Joseph Tak-fai Lau 刘德辉教授	The Chinese University of Hong Kong 香港中文大学	3/2017
Prof Chun-sing Lee 李振声教授	City University of Hong Kong 香港城市大学	3/2022
Prof Thomas Hun-tak Lee 李行德教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Joe Shing-yip Lee 李成业教授	The Chinese University of Hong Kong 香港中文大学	3/2021
Prof Maggie Wenjie Li 李文捷教授	The Hong Kong Polytechnic University 香港理工大学	3/2022
Prof Wu Liu 刘武教授	The Hong Kong Polytechnic University 香港理工大学	3/2021
Prof Huijing Lu 陆慧菁教授	The Hong Kong Polytechnic University 香港理工大学	3/2022

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Wilson Wei-sheng Lu 吕伟生教授	The University of Hong Kong 香港大学	3/2018
Prof Haihua Pan 潘海华教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Alan Tze-kin Wan 温子坚教授	City University of Hong Kong 香港城市大学	3/2022
Prof Philips Fu-lee Wang 王富利教授	Hong Kong Metropolitan University 香港都会大学	3/2022
Prof Hau-san Wong 黄厚生教授	City University of Hong Kong 香港城市大学	3/2020
Prof Frances Kam-yuet Wong 黄金月教授	The Hong Kong Polytechnic University 香港理工大学	3/2021
Prof Raymond Wai-yeung Wong 黄维扬教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
Prof Eugene Yin-cheung Wong 黄彦璋教授	The Hang Seng University of Hong Kong 香港恒生大学	3/2020
Prof Chris Fei Shen 沈菲教授	City University of Hong Kong 香港城市大学	3/2022
Prof Hong-xing Yang 杨洪兴教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
Prof Ruo-wei Yang 杨若薇教授	Hong Kong Shue Yan University 香港树仁大学	3/2022
Prof Zhong-ping Yao 姚锺平教授	The Hong Kong Polytechnic University 香港理工大学	3/2019
Prof Bennett Chi-kin Yim 严志坚教授	The University of Hong Kong 香港大学	3/2022
Prof Wayne Weifeng Yu 俞伟峰教授	City University of Hong Kong 香港城市大学	3/2019
Prof Susana Lai-mei Yuen 袁丽薇教授	Caritas Institute of Higher Education 明爱专上学院	3/2020
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸会大学	3/2021
Prof Celeste Yuet-mui Yuen 袁月梅教授	The Chinese University of Hong Kong 香港中文大学	3/2022
Prof Lixing Zhu 朱力行教授	Hong Kong Baptist University 香港浸会大学	3/2022



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Hong Kong PhD Fellowship Scheme Selection Panels

#### 香港博士研究生奖学金计划遴选小组

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Humanities, Social Sciences and Business Studies</b> 人文学、社会科学及商科		
Prof Alister Cumming (Chairman) (主席)	University of Toronto 多伦多大学	6/2020
Prof Peng Hwa Ang	Nanyang Technological University 南洋理工大学	1/2021
Prof Maurice Benayoun	City University of Hong Kong 香港城市大学	1/2021
Prof Liliana Bove	The University of Melbourne 墨尔本大学	1/2021
Prof Jeremy Brown	Simon Fraser University 西门菲莎大学	1/2021
Prof Lai-har Rebecca Chiu 赵丽霞教授	The University of Hong Kong 香港大学	1/2021
Prof Hazel Clark	The New School, New York 新学院(纽约)	1/2021
Prof Averil Coxhead	Victoria University of Wellington 威灵顿维多利亚大学	1/2021
Prof John Erni	Hong Kong Baptist University 香港浸会大学	1/2021
Prof Hualing Fu 傅华伶教授	The University of Hong Kong 香港大学	1/2021
Dr Flora Gu 顾芳博士	The Hong Kong Polytechnic University 香港理工大学	1/2021
Prof Ross Harley	University of New South Wales 新南威尔士大学	1/2021
Prof Alan Hirvela	Ohio State University 俄亥俄州立大学	1/2021
Prof Guangwei Hu 胡光伟教授	The Hong Kong Polytechnic University 香港理工大学	1/2021
Prof Bin Ke	National University of Singapore 新加坡国立大学	1/2021
Prof Arthur Kramer	Northeastern University 东北大学	1/2021



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof James Lee 李中清教授	The Hong Kong University of Science and Technology 香港科技大学	1/2021
Prof Juan Julie Li 李娟教授	City University of Hong Kong 香港城市大学	1/2021
Prof John R Logan	Brown University 布朗大学	1/2021
Prof Jane Prophet	University of Michigan 密芝根大学	1/2021
Prof Oi-ling Siu 萧爱铃教授	Lingnan University 岭南大学	1/2021
Prof Atara Sivan	Hong Kong Baptist University 香港浸会大学	1/2021
Prof Stuart Sweeney	University of California, Santa Barbara 加利福尼亚大学圣塔芭芭拉分校	1/2021
Prof Chung-piaw Teo	National University of Singapore 新加坡国立大学	1/2021
Prof Yuying Tong 同钰莹教授	The Chinese University of Hong Kong 香港中文大学	1/2021
Prof Longxi Zhang 张隆溪教授	City University of Hong Kong 香港城市大学	1/2021



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

### Hong Kong PhD Fellowship Scheme Selection Panels

香港博士研究生奖学金计划遴选小组

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Sciences, Medicine, Engineering and Technology</b> 科学、医学、工程及科技		
Prof Richard Strugnell (Chairman) (主席)	The University of Melbourne 墨尔本大学	6/2020
Prof Angela Casini	Technical University of Munich 慕尼黑工业大学	1/2021
Prof Andrew Man-lok Chan 陈文乐教授	The Chinese University of Hong Kong 香港中文大学	1/2021
Prof Matthis Ebert	Heidelberg University 海德堡大学	1/2021
Prof Brian Ford-Lloyd	University of Birmingham 伯明翰大学	1/2021
Prof Makarand Hastak	Purdue University 普渡大学	1/2021
Prof Zhongping Jiang	New York University 纽约大学	1/2021
Prof Judy Jionghua Jin	University of Michigan 密芝根大学	1/2021
Prof Xiao-yuan Li 李晓原教授	The Hong Kong University of Science and Technology 香港科技大学	1/2021
Prof Baochun Li 李葆春教授	University of Toronto 多伦多大学	1/2021
Prof Xing-yi Ling	Nanyang Technological University 南洋理工大学	1/2021
Prof Xiaogang Liu	National University of Singapore 新加坡国立大学	1/2021
Prof Hong Bin Liu 刘红斌教授	The Hong Kong University of Science and Technology 香港科技大学	1/2021
Prof Jon Mills	Newcastle University 纽卡索大学	1/2021
Prof Barbara Krystyna Pierscionek	Nottingham Trent University 诺丁汉特伦特大学	1/2021
Prof Laura Poole-Warren	University of New South Wales 新南威尔斯大学	1/2021

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Chi-wang Shu	Brown University 布朗大学	1/2021
Dr Tiejun Tong 童铁军教授	Hong Kong Baptist University 香港浸会大学	1/2021
Prof Matthew Turner	University of Warwick 华威大学	1/2021
Prof Zuankai Wang 王钻开教授	City University of Hong Kong 香港城市大学	1/2021
Prof Vincent Wong 黄炜燊教授	The Chinese University of Hong Kong 香港中文大学	1/2021
Prof Rudolf Shiu-sun Wu 胡绍燊教授	The Education University of Hong Kong 香港教育大学	1/2021
Prof Liming Xiong 熊礼明教授	Hong Kong Baptist University 香港浸会大学	1/2021
Prof Jianliang Xu 徐建良教授	Hong Kong Baptist University 香港浸会大学	1/2021
Prof Xiaoqi Yang 杨晓琪教授	The Hong Kong Polytechnic University 香港理工大学	1/2021
Prof Jie George Yuan 袁杰教授	The Hong Kong University of Science and Technology 香港科技大学	1/2021
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸会大学	1/2021
Prof Jun Zou 邹军教授	The Chinese University of Hong Kong 香港中文大学	1/2021



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

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

研资局研究学者计划 / 研资局高级研究学者计划

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Humanities, Social Sciences and Business Studies Selection Panel</b> 人文学、社会科学及商科遴选小组		
Prof Paul Clark (Chair) (主席)	The University of Auckland 奥克兰大学	1/2020
Prof Ki-Joon Back	University of Houston 休士顿大学	2/2021
Prof Larry Catá Backer 白轲教授	The Pennsylvania State University 宾夕法尼亚州立大学	2/2020
Prof Jinfa Cai 蔡金法教授	University of Delaware 特拉华大学	2/2020
Prof Andrew Tat Tin Ching	Johns Hopkins University 约翰霍普金斯大学	2/2022
Prof Ronald Fischer	Victoria University of Wellington 威灵顿维多利亚大学	2/2021
Prof Raymond Man-pao Kan 简文豹教授	University of Toronto 多伦多大学	2/2020
Prof Jeffrey Liew	Texas A&M University 德州农工大学	2/2022
Prof Gigi Luk 陆智敏教授	McGill University 麦基尔大学	2/2020
Prof Geraldine Macdonald	University of Bristol 布里斯托大学	2/2022
Prof James A. Steintrager	University of California, Irvine 加利福尼亚大学尔湾分校	2/2021
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西门菲莎大学	2/2020
Prof Mei Zhan	University of California, Irvine 加利福尼亚大学尔湾分校	2/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
<b>Sciences, Medicine, Engineering and Technology Selection Panel</b> 科学、医学、工程及科技遴选小组		
Prof Adrian Dixon	University of Cambridge 剑桥大学	1/2020
Prof Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎医学院	2/2022
Prof Wesley Cantwell	Khalifa University 哈里发大学	2/2022
Prof Wang Ping Chen 陈望平教授	University of Illinois at Urbana-Champaign 伊利诺大学厄巴纳-香槟分校	2/2021
Prof Ying Cheong	University of Southampton 南安普敦大学	2/2020
Prof Jonathan Cooper	University of Glasgow 格拉斯哥大学	2/2022
Prof Nicholas J. Higham	The University of Manchester 曼彻斯特大学	2/2022
Prof Yiu-wing Mai 米耀荣教授	The University of Sydney 悉尼大学	2/2020
Prof William Ireland Milne	University of Cambridge 剑桥大学	2/2020
Prof Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大学	2/2020
Prof Stephen T Newman	University of Bath 巴斯大学	2/2021
Prof Peter Polverini	University of Michigan 密芝根大学	2/2022
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷-维滕贝格大学	2/2020
Prof Feng Shao 邵峰教授	National Institute of Biological Sciences, Beijing 北京生命科学研究所	2/2020



## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会 / 学科小组 2021/22 年度成员名单

Panel Member 遴选小组成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Dacheng Tao 陶大程教授	The University of Sydney 悉尼大学	2/2021
Prof Xiao-fan Wang 王小凡教授	Duke University 杜克大学	2/2021
Prof Grace Guiling Wang	New Jersey Institute of Technology 新泽西理工学院	2/2022
Prof Yuanyuan Yang 杨圆圆教授	Stony Brook University 石溪大学	2/2020
Prof Zhiliang Ying 应志良教授	Columbia University 哥伦比亚大学	2/2020

## Appendix C: Committee / Panel Membership 2021/22 附录 C：委员会／学科小组 2021/22 年度成员名单



### Disciplinary Committee (Investigation)

纪律委员会 (调查)

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Raghavendra Rau (Chairman) (主席)	University of Cambridge 剑桥大学	8/2021
Prof Peter Frederic Cane	University of Cambridge 剑桥大学	7/2020
Prof Yip-wah Chung, BBS 锺业华教授, BBS	Northwestern University 西北大学	7/2020
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加利福尼亚大学圣地牙哥分校	8/2019
Prof Chunfeng Zhao 赵春风教授	Mayo Clinic 梅约临床医学院	8/2021



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### Disciplinary Committee (Review)

纪律委员会 (复检)

Committee Member 委员会成员	Institution 所属机构	Appointed in (Month/Year) 委任于(月/年)
Prof Alan B Rickinson (Chairman) (主席)	The University of Birmingham 伯明罕大学	8/2016
Prof Paul Clark	The University of Auckland 奥克兰大学	8/2016
Prof Michael P Doyle	The University of Texas at San Antonio 德克萨斯大学圣安东尼奥分校	8/2016
Prof Phillip Hin-choi Phan 潘庆财教授	The Johns Hopkins University 约翰霍普金斯大学	9/2018
Prof Andrew J Szeri	The University of British Columbia 英属哥伦比亚大学	8/2016





Research Grants Council of Hong Kong

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