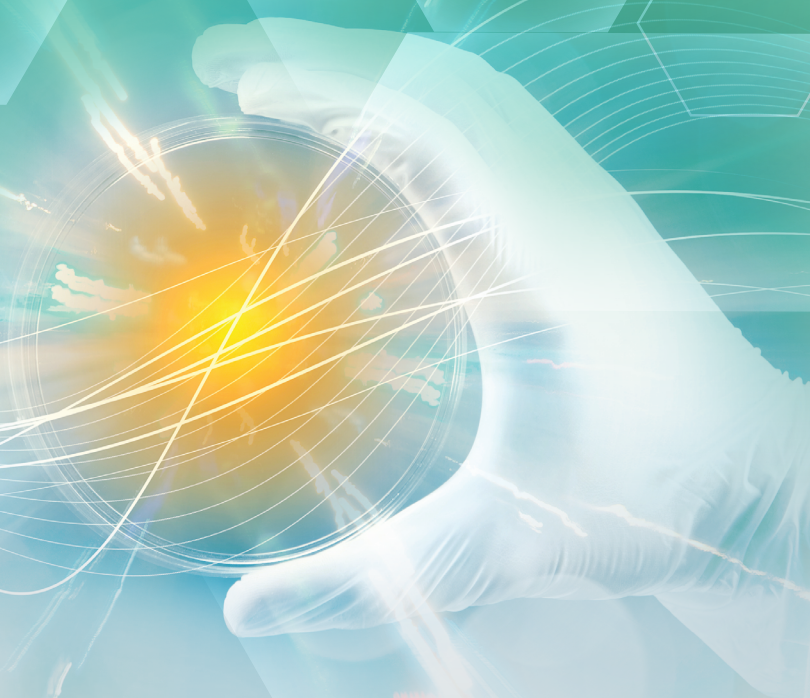


香港研究資助局

Research Grants Council
of Hong Kong

Research



2020/21 ANNUAL REPORT

本署档号 OUR REF.: UGC/GEN/232/92

申请档号 APPLICATION REF. NO.:

电 话 TELEPHONE:

中国香港湾仔港湾道6至8号瑞安中心7楼
7/F Shui On Centre, 6-8 Harbour Road
Wan Chai, Hong Kong, China
电话 Tel: (852) 2844 9952
传真 Fax: (852) 2526 8436
电子邮箱 E-Mail: ugc@ugc.edu.hk
网址 Homepage: www.ugc.edu.hk

30 June 2022

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

Dear Carlson,

**Research Grants Council
Report for 2020/21**

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

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

Yours sincerely,



Professor Yuk-shan Wong
Chairman
Research Grants Council

本署档号 OUR REF.: UGC/GEN/232/92

申请档号 APPLICATION REF. NO.:

电 话 TELEPHONE:

中国香港湾仔港湾道6至8号瑞安中心7楼
7/F Shui On Centre, 6-8 Harbour Road
Wan Chai, Hong Kong, China
电话 Tel: (852) 2844 9952
传真 Fax: (852) 2526 8436
电子邮箱 E-Mail: ugc@ugc.edu.hk
网址 Homepage: www.ugc.edu.hk

香港湾仔港湾道6至8号
瑞安中心7楼
大学教育资助委员会主席
唐家成先生, GBS, JP

唐主席：

研究资助局二零二零至二一年度报告

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

二零二二年六月三十日

Foreword from the Chairman	6
主席序言	
The Research Grants Council and its Organisation	
研究资助局及其架构	
The Research Grants Council	14
研究资助局的组成	
Terms of Reference	14
职权范围	
How the Research Grants Council is Organised	17
运作与架构	
Subject Panels	17
学科小组	
Collaborative Research Projects Steering Committee	18
协作研究项目督导委员会	
Steering Committee on Research Themes and Topics	18
研究主题及题目督导委员会	
Research Impact Fund Committee	18
研究影响基金委员会	
Steering Committee on Competitive Research Funding for the Self-financing Degree Sector	19
自资学位界别竞逐研究资助督导委员会	
Hong Kong PhD Fellowship Scheme Steering Committee	19
香港博士研究生奖学金计划督导委员会	
Selection Panels	19
评审小组	
Disciplinary Committees	20
纪律委员会	
Funding Sources	
资金来源	
Research Endowment Fund	21
研究基金	
Earmarked Research Grants	21
研究用途补助金	
Theme-based Research Scheme	21
主题研究计划	
Tuition Waiver for Local Research Postgraduate Students	22
本地研究生学费豁免计划	
Competitive Research Funding Schemes for the Local Self-financing Degree Sector	22
本地自资学位界别竞逐研究资助计划	
Research Impact Fund	22
研究影响基金	
UGC Funds	22
教资会拨款	
Areas of Excellence Scheme	22
卓越学科领域计划	
Hong Kong PhD Fellowship Scheme	22
香港博士研究生奖学金计划	
Research Matching Grant Scheme	23
研究配对补助金计划	
RGC Postdoctoral Fellowship Scheme	23
研资局博士后奖学金计划	
RGC Research Fellow Scheme / RGC Senior Research Fellow Scheme	24
研资局研究学者计划 / 研资局高级研究学者计划	

Research Funding Schemes and RGC Activities

研究资助计划及研资局的工作	
RGC Activities funded by the Research Endowment Fund	25
研资局由研究基金资助的工作总览	
Allocation of the Earmarked Research Grants: 2020/21 Academic Year	25
2020/21学年研究用途补助金的分配	
How the Earmarked Research Grants were Allocated	25
研究用途补助金的具体分配	
General Research Fund	27
优配研究金	
• Clinical Research Fellowship	28
临床医学研究资助计划	
• Employment of Relief Teacher under the Humanities and Social Sciences Disciplines	28
人文学及社会科学学科的聘用替假教师安排	
• Provision of Research Experience for Undergraduate Students	28
本科生研究津贴	
Early Career Scheme	29
杰出青年学者计划	
Collaborative Research Fund	30
协作研究金	
Joint Research Schemes	32
合作研究计划	
Project Grants	32
项目补助金	
• National Natural Science Foundation of China / RGC Joint Research Scheme	32
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	
• The French National Research Agency / RGC Joint Research Scheme	33
法国国家科研署与香港研究资助局合作研究计划	
• European Union (EU)-Hong Kong Research and Innovation Co-funding Cooperation Mechanism by RGC	33
欧洲联盟(欧盟)与香港研究资助局研究及创新合作计划	
Travel / Conference Grants	34
旅费/会议补助金	
• Germany / Hong Kong Joint Research Scheme	34
德国与香港合作研究计划	
• PROCORE – France / Hong Kong Joint Research Scheme	34
法国与香港合作研究计划	
Humanities and Social Sciences Prestigious Fellowship Scheme	35
人文学及社会科学杰出学者计划	
Research Postgraduate Students Conference / Seminar Grants	36
研究生会议/研讨会补助金	
Theme-based Research Scheme	37
主题研究计划	
Competitive Research Funding Schemes for the Local Self-financing Degree Sector	38
本地自资学位界别竞逐研究资助计划	

RGC Activities funded by UGC Funds	40
研资局由教资会拨款的工作总览	
Areas of Excellence Scheme	40
卓越学科领域计划	
Research Impact Fund	41
研究影响基金	
Hong Kong PhD Fellowship Scheme	42
香港博士研究生奖学金计划	
Research Matching Grant Scheme	43
研究配对补助金计划	
RGC Postdoctoral Fellowship Scheme	44
研资局博士后奖学金计划	
RGC Research Fellow Scheme / RGC Senior Research Fellow Scheme	45
研资局研究学者计划 / 研资局高级研究学者计划	
Successful Stories on the Funded Research	46
拨款研究项目的成功故事	
RGC Contacts with Other Funding Bodies	58
研资局与其他研究资助机构的联系	
How Funded Projects are Selected, Monitored and Assessed	
资助项目的审批、监察与评核	
How Projects are Selected	59
厘定拨款的准则	
Aim of Monitoring and Assessment	59
监察与评核的目标	
Monitoring of On-going Projects	60
监察进展中的项目	
Assessment of Completed Projects	60
评核已完成的项目	
Feedback on Assessments	61
反映评核的意见	
Public Access to Completion Reports	61
公开完成报告	
Appendices	63
附录	

Foreword from the Chairman 主席序言

This past year 2020/21 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.

RGC Highlighted Activities in the 2020/21 academic year

General Research Fund

Over 50% of RGC's budget is allocated for the General Research Fund which supports a large number of researchers. The aim is to supplement universities' own research support to those who have achieved or have the potential to achieve excellence. This past year, out of 2 872 applications from a wide range of disciplines, we funded a total of HK\$777 million for 1 058 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 2020/21 academic year, out of 414 applications, 163 projects were funded at a total amount of HK\$108 million, with eight of them rated "Outstanding". The applicants of these projects were each granted an honorary title of "The Early Career Award 2020/21".

对研究资助局(研资局)来说,过去的2020/21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。凭借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。

研资局2020/21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50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2 872份不同学科的申请,其中1 058个研究项目获得资助,拨款合共7.77亿港元。

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2020/21学年,研资局共接获414个申请,其中163个研究项目获得资助,总额为1.08亿港元,当中八个项目更获评核为「卓越」级别。这些申请人每人可获得「2020/21年度杰出青年学者奖」殊荣。

Collaborative Research Fund

The Collaborative Research Fund (CRF) Scheme supports multi-investigator, multi-disciplinary projects in order to encourage more research groups to engage in creative and high-quality cross-disciplinary/cross-institutional projects. For the 2020/21 exercise, out of 175 applications, 29 research projects were funded at a total amount of HK\$146 million. In addition, in response to the COVID-19 pandemic and its evolving global impact, the University Grants Committee (UGC) allocated a one-off additional funding of \$150 million in May 2020 to launch a one-off CRF COVID-19 and Novel Infectious Disease (NID) Research Exercise. The research community responded actively and swiftly. Within two months from the call in May 2020, the RGC received 174 full group research proposals from a wide range of academic disciplines. 27 research projects were funded eventually, with ten of them under the biology and medicine disciplines, eight under business studies and humanities & social sciences and nine under engineering & physical sciences. The positive response from our academic community demonstrates the versatility and capability of our universities in developing good research projects in addressing the widespread impact of the COVID-19 pandemic from difference disciplines and also longer term challenges of other similar pandemic in the future.

In light of the encouraging response, the UGC further allocated an additional \$100 million one-off funding to launch the Second round one-off COVID-19 and NID Research Exercise in January 2021, in conjunction with the regular CRF 2021/22 exercise.

Due to the pandemic, CRF Symposium for monitoring the progress of 15 funded projects under CRF 2018/19 exercise was changed to private meetings with project teams in virtual settings in February 2021. The project teams received valuable feedbacks from the CRF Committee¹ Members.

Joint Research Schemes

Joint Research Schemes are established in collaboration with research bodies in the Mainland and overseas and are meant to promote and further encourage research co-operation and exchanges. These joint schemes provide funding for supporting research projects, travels or conferences / workshops. In the 2020/21 academic year, the RGC ran five Joint Research Schemes with partner agencies in other regions.

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2020/21年度，研资局接获175个申请，其中29个研究项目获得资助，总额为1.46亿港元。此外，因应2019冠状病毒病疫情及其带来的全球性影响，大学教育资助委员会(教资会)于2020年5月额外拨出一次性的1.5亿港元，推出协作研究金2019冠状病毒病及新型传染病一次性研究计划。研究界别反应积极及迅速，在2020年5月计划推出后的两个月内，研资局共收到174份来自不同学科的正式研究计划书。最终有27个研究项目获得资助，包括十个关于生物学及医学、八个关于商业、人文科学及社会科学，以及九个关于工程学及自然科学的研究项目。学术界的正面反应，充分反映我们的大学有足够能力在不同学科范畴灵活制定优质的研究项目，以应对2019冠状病毒病疫情及将来类似流行病(如流感、新型传染病等)所带来的影响。

有见及此，教资会于2021年1月增拨1亿元一次性拨款，推出第二轮协作研究金2019冠状病毒病及新型传染病一次性研究计划，并与协作研究金2021/22年度计划同时接受申请。

受疫情影响，协作研究金资助项目研讨会改于2022年2月以视像会议形式进行。在会议中，15个于2018/19学年获资助的研究项目向协作研究金委员会¹委员汇报项目的进度。

合作研究计划

研资局分别与内地及其他不同地区合办合作研究计划，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、旅费及会议补助金提供资助。于2020/21学年，研资局分别与不同地区合办五个合作研究计划。

¹ CRF Committee was re-titled to CRF Selection Panel and put under the Collaborative Research Projects Steering Committee in June 2021. 协作研究金委员会于2021年6月改称为协作研究金评审小组，并纳入为协作研究项目督导委员会辖下的其中一个评审小组。

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. Eight prestigious investigators were awarded in the 2020/21 academic year and HK\$2.82 million in total was allocated.

Theme-based Research Scheme

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

The tenth round exercise was held in the 2020/21 academic year. A total of 52 preliminary proposals were received. After the preliminary selection and a vigorous peer-review process, the RGC allocated HK\$230 million to support seven projects.

Areas of Excellence Scheme

The Areas of Excellence Scheme provides support to the UGC-funded universities to build upon their existing strengths and develop them into areas of excellence. The Ninth Round exercise was held in the 2020/21 academic year. A total of 20 eligible preliminary proposals were received, seeking grants of HK\$1.5 billion. After preliminary selection and a vigorous peer-review process, the RGC allocated HK\$277 million to support four projects.

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2020/21学年，八名杰出学者获得资助，总额为282万港元。

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「促进健康」、「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」。连同2018/19学年新增的三个具挑战性题目，即「食物生产及食物安全」、「金融科技及监管科技」及「人工智能」，现时四个研究主题下共设有19个具挑战性题目。

第十轮计划于2020/21学年举行。研资局共收到52份初步研究建议书。经过筛选及严格的学者评审后，研资局拨款约2.3亿港元，资助共七个研究项目。

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把现有优势发展为卓越学科领域。第九轮计划于2020/21学年举行。研资局共收到20份合资格初步建议书，申请金额约15亿港元。经过初步筛选及严格学者评审后，研资局拨款约2.77亿港元，资助共四个研究项目。

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 original mode of operation of the IDS continued in the form of Research Infrastructure Grant. The Collaborative Research Grant was modelled on the Collaborative Research Fund in the UGC sector to encourage and support collaborative and / or cross disciplinary research.

The RGC received 301 applications in the Seventh Round exercise and funded a total of HK\$86.50 million for 83 research projects. The results of the Seventh Round exercise were announced in September 2020. Following the completion of the Seventh Round exercise, the Eighth Round exercise started in November 2020. A total of 15 local self-financing degree-awarding institutions were eligible for the three funding schemes. The results of the Eighth Round exercise will be announced in September 2021.

Research Impact Fund

The Research Impact Fund (RIF) was established in 2018 to encourage local academics to consider and articulate the potential of research to deliver benefit for the wider community and also to encourage a greater volume of collaborative research beyond academia. For the 2020/21 exercise, out of 124 applications, 13 research projects were funded at a total amount of HK\$75 million.

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」。院校发展计划原有的运作模式透过研究基础设施拨款继续运作。协作研究拨款则参考教资会界别的协作研究金，鼓励及资助院校进行集体及／或跨学科的合作研究。

研资局在第七轮计划共收到301份申请，其中83个研究项目获得资助，拨款合共8,650万港元。申请拨款结果已于2020年9月公布。随着第七轮计划的结束，第八轮计划在2020年11月展开，共有十五所本地可颁授学位的自资院校符合参与上述三项研究资助计划的资格。第八轮计划的申请结果将于2021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2020/21年度，研资局收到124个申请，当中13个研究项目获得资助，总额为7,500万港元。

Hong Kong PhD Fellowship Scheme

The Hong Kong PhD Fellowship Scheme (HKPFS) continues to enhance internationalisation of our higher education sector. In the first eleven rounds of exercise, about 2 200 candidates from more than 90 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 2020/21 academic year are HK\$26,600 and HK\$13,300 respectively. Thereafter, the UGC Secretariat will arrange annual adjustment to the level of stipend and travel allowance at the beginning of each academic year, in accordance with the Composite CPI, as announced by the Census and Statistics Department.

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

Tuition Waiver for Local Research Postgraduate (RPg) Students

Starting from the 2018/19 academic year, the Government provides tuition waiver for all local students enrolled in UGC-funded RPg programmes. In the 2020/21 academic year, over 1 760 students benefited from the scheme and the total tuition waived was about HK\$69 million.

Research Matching Grant Scheme

Since the launch of the Research Matching Grant Scheme on 1 August 2019, seven processing cycles have been completed as at 31 March 2021. All the eight UGC-funded universities and ten of the 13 local self-financing degree-awarding institutions have submitted applications for matching grant under the Scheme. Donation / sponsorship / research contract applied for matching amounted to about \$2.55 billion in total. Matching grants at a cumulative amount of \$1.52 billion have been disbursed to 18 universities and institutions. So far, one university has reached the matching ceiling of \$500 million, and six universities and one institution have reached the matching floor of \$50 million. After completion of the seventh processing cycle, the remaining balance available for application by universities and institutions for matching stood at about \$1.48 billion.

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。在首十一届计划中，有大概2 200名来自超过90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。

2020/21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2.66万和1.33万港元。此后，教资会秘书处会根据政府统计处公布的综合消费物价指数的变动率在每学年初调整有关的津贴水平。

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。

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2020/21学年，超过1 760名学生受惠，豁免的学费总额约6,900万港元。

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，截至2021年3月31日，已完成七个申请期；八间教资会资助大学及13间本地自资学位颁授院校中的十间均有递交申请，配对的申请已涉及共约25.5亿元捐款／赞助／研究合约。18间大学／院校已累积获发放共15.2亿元配对补助金。目前有一间大学已获发放5亿元「预设上限」的配对补助金，并已有六间大学及一间院校获取超过5,000万元「最低款额」的配对补助金。第七个申请期结束后，可供大学／院校继续申请的配对补助金余额约有14.8亿元。

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 second exercise (2021/22) have been notified of their attainment of the award in April 2021. They will be provided with support of annual stipends to cover their basic salary as postdoctoral fellow at a UGC-funded university as well as conference and research-related travel allowance throughout the 36-month fellowship period. The first annual stipend is at HK\$405,330. Subject to the relevant terms and conditions, the annual stipend for the subsequent years will be adjusted according to the Composite Consumer Price Index announced by Hong Kong Census and Statistics Department.

RGC Research Fellow Scheme / RGC Senior Research Fellow Scheme

Introduced in the 2019/20 academic year, the RGC Research Fellow Scheme (RFS) and RGC Senior Research Fellow Scheme (SRFS) aim at providing sustained support and relief from teaching and administrative duties for exceptionally outstanding academics at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development. The debut cohort (2020/21) of ten RFS and ten SRFS awardees has started their RFS/ SRFS research projects on 1 January 2021. The second RFS and SRFS exercise (2021/22) has also been completed in the first half of 2021. As endorsed by the RGC in June 2021, there are 10 RFS and 10 SRFS awardees in the second exercise. They will be supported with a fellowship grant covering a period of 60 months at around HK\$5.2 million (for RFS) and HK\$7.8 million (for SRFS) respectively. The total allocation of the two schemes in the second exercise amounts to around HK\$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 2020/21 academic year, the RGC jointly held three RGC Public Lectures on “Enhancing Corporate Competitiveness in Hong Kong”, “STEM” and “Retirement Security for the Elderly in Hong Kong” with the Hong Kong Science Museum and the Hong Kong Central Library respectively. Public participation has been enthusiastic.

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。第二届(2021/22)的50名获奖者已于2021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405,330港元，其后两年的津贴额将根据相关条款，按政府统计处每年公布的综合消费物价指数作出年度调整。

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。首届(2020/21)的十名RFS获奖者及十名SRFS获奖者已于2021年初开展研究计划。第二届RFS及SRFS计划(2021/22)的评选亦已于2021年上半年结束。研资局于2021年6月通过得奖名单，两项计划各有十名获奖者，每名获发放为期60个月的津贴，金额分别约为520万港元(RFS)及780万港元(SRFS)。两项计划第二届的资助总额约为1.3亿港元。

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2020/21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「提升香港公司竞争力」、「科学、科技、工程及数学」及「香港长者退休保障」为题。市民反应热烈。

RGC's Strategic Initiatives

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

Phase II of the RGC Review which examined operational issues, such as application and assessment processes, was completed and the final report was released in October 2019. A total of 13 recommendations were made, covering the aims and objectives of funding schemes, assessment processes, time commitment of Principal Investigators, forms and documents, communication and engagement, open access policy, conflicts of interest and academic misconduct. The RGC formulated an implementation plan on the review recommendations in December 2019.

Good progress has been made with most of the measures implemented progressively. For example, a new RGC website was officially launched in August 2020 to establish an information platform with enhanced transparency and effectiveness. The review on the RGC documents and external reviewer (ER) database was completed in late 2020. Improvements to the RGC documents included improved language and tone, improved structure for navigation, reduced duplication, improved format and consistency, and improved transparency on reviewing process. The revised documentation would be launched in the 2022/23 funding exercise. Enhancements to the ER database, including removal of non-active ERs, systematic assessment of under-performing / non-active ERs etc., would be implemented in phases starting from the second half of 2021.

Upon consultation by the RGC, universities will set up an approval mechanism in the fourth quarter of 2021 to ensure the ethical standards of research projects involving artefacts. The RGC has completed the review on the open access policy and formulated the Open Access Plan to work with the universities for rolling out a series of initiatives by phases.

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.

研资局的策略计划

研资局正面对各项挑战，例如学术界的新兴研究需要，以及社会对监管受公帑资助研究项目的操守有很高的期望等。为应对这些挑战，研资局已实行多项措施。

研资局已完成第二阶段检讨工作，以检视运作事宜，例如申请及审批程序等；并于2019年10月发表检讨的最终报告。报告提出共13项建议，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。研资局于2019年12月制订行动计划落实建议。

跟进行动计划的工作进度理想，大部分措施已陆续落实。例如，新研资局网站已于2020年8月正式推出，以建立更透明和有效的资讯平台。有关研资局文件及外部评审员资料库的检讨已于2020年年底完成。研资局文件的主要改动包括改善用语、改善结构以便于浏览、减少重复、改善格式和一致性，以及增加评审程序的透明度。修订后的文件将于2022/23年度资助计划采用。至于外部评审员资料库的优化措施，包括删除不活跃的评审员、有系统地评估表现欠佳或不活跃的评审员等，将于2021年下半年起分阶段落实。

经研资局咨询后，大学将于2021年第四季设立审核机制，以确保涉及文物之研究行为的操守水平。研资局已完成检讨开放取用政策，并已制订新的开放取用计划，与大学携手合作，分阶段推行一系列措施。

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。

The RGC concluded the review of its three collaborative research funding schemes, namely, the Collaborative Research Fund, the Theme-based Research Scheme, and the Areas of Excellence Scheme, in December 2020. The review recommendations, supported by an annual budget of \$175 million, are implemented progressively from 2021 onwards, with a view to incentivising the UGC-funded universities to conduct more collaborative research across disciplines and / or institutions.

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 regularly 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 development phase of the technical solution was completed in March 2021 and a two-year of pilot run with five rounds of comparison checkings will then commence. The design of the Hong Kong Research Portal on Government's research policy and funding support is nearly completed and is expected to be soft launched by July 2021.

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 2020/21.

研资局于2020年12月完成检视其三项协作研究拨款计划，包括「协作研究金」、「主题研究计划」及「卓越学科领域计划」，并已预留每年1.75亿元，于2021年起逐步实施各项建议，藉以鼓励教资会资助大学从事更多跨学科及／或跨院校的协作研究。

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，并定期召开会议，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，教资会秘书处初步推行三项协调措施，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月完成并随时开展为期两年的五轮较对试行计划。阐述政府有关研究政策和资助计划的香港研究一站通网站设计亦接近完成，预计将于2021年7月试行推出。

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2020/21年报》。

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 non-statutory advisory council operating under the aegis of the University Grants Committee (UGC). It was formally established on 1 January 1991.

The RGC's members are appointed by the Chief Executive^{Note} of the Hong Kong Special Administrative Region (HKSAR) and comprise local, Mainland and overseas academics, local academics and local lay persons. All members are appointed on an ad personam basis. The RGC's membership for 2020/21 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)辖下的非法定咨询机构，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^注，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2020/21年度的成员名单载于附录A。

职权范围

研资局的职权如下：

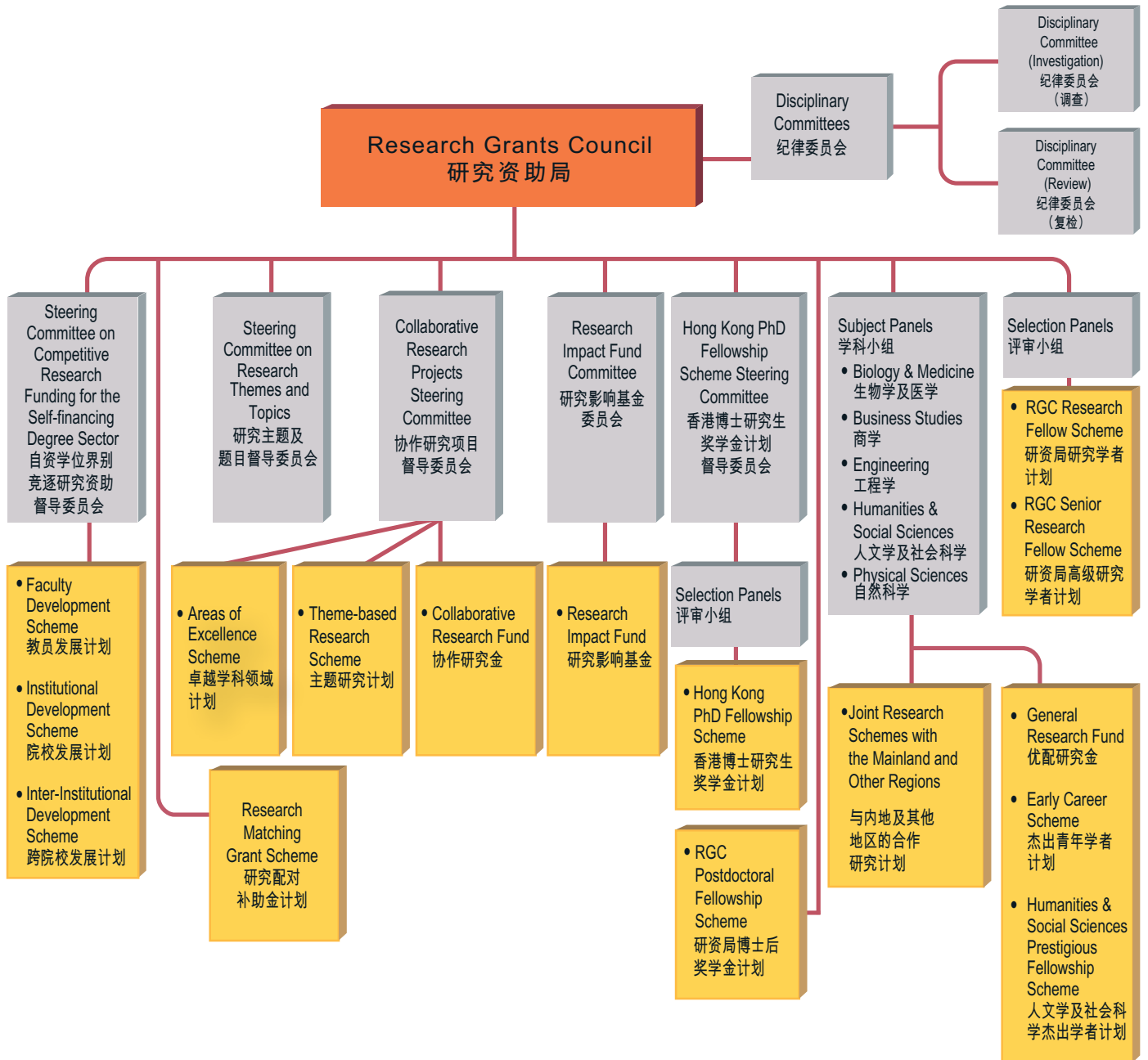
- 透过教资会，向香港特别行政区政府建议香港高等教育机构在学术研究上的需要，包括鉴定优先范围，以发展一个足以维持学术蓬勃发展和合乎香港需要的学术研究基础。
- 透过高等教育机构，邀请和接受学术人士申请研究资助以及各类研究生申请奖学金；将香港特别行政区政府透过教资会提供的经费拨作研究资助和其他有关支出之用。此外，并负责监管这些拨款的运用，以及最少每年一次透过教资会向香港特别行政区政府报告。

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"> • General Research Fund 优配研究金 • Early Career Scheme 杰出青年学者计划 	<ul style="list-style-type: none"> • Collaborative Research Fund 协作研究金 • Areas of Excellence Scheme 卓越学科领域计划 • Research Impact Fund 研究影响基金 • Theme-based Research Scheme 主题研究计划 	<ul style="list-style-type: none"> • Humanities & Social Science Prestigious Fellowship Scheme 人文学及社会科学杰出学者计划 • Hong Kong PhD Fellowship Scheme 香港博士研究生奖学金计划 • RGC Postdoctoral Fellowship Scheme 研资局博士后奖学金计划 • RGC Research Fellow Scheme 研资局研究学者计划 • RGC Senior Research Fellow Scheme 研资局高级研究学者计划
<h3>Joint Research 合作研究</h3> <ul style="list-style-type: none"> • National Natural Science Foundation of China (NSFC) / RGC Joint Research Scheme (JRS) 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 • 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 • 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 • Germany / Hong Kong Joint Research Scheme 德国与香港合作研究计划 • PROCORE — France / Hong Kong Joint Research Scheme 法国与香港合作研究计划 		<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"> • Faculty Development Scheme 教员发展计划 • Inter-Institutional Development Scheme 跨院校发展计划 • Institutional Development Scheme 院校发展计划
		<h3>Others 其他</h3> <ul style="list-style-type: none"> • Research Matching Grant Scheme 研究配对补助金计划

How the Research Grants Council is Organised

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

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

Subject Panels

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

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

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

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

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

运作与架构

研资局与教资会紧密合作，就其职权范围内的职务，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、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，以及对卓越学科领域计划的申请作初步考虑。而12月份的会议则讨论原有及新增拨款计划在下年度的资源分配，以及协作研究金、研究影响基金及卓越学科领域计划的拨款建议，并对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。

Collaborative Research Projects Steering Committee (formerly Major Projects Steering Committee)

Upon the recommendation by the CRWG, the RGC set up the Collaborative Research Projects Steering Committee 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 was established in 2018 to encourage more impactful research and foster more collaborative efforts with stakeholders beyond academia.

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

协作研究项目督导委员会 (前身为大型研究项目督导委员会)

因应协作研究检讨小组的建议，研资局于2021年6月成立协作研究项目督导委员会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) 就三个协作研究计划向研资局作出汇报及提供意见；
- (二) 就三个协作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协作研究计划；以及
- (四) 监察三个协作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具挑战性题目提供意见。

研究影响基金委员会

研究影响基金成立于2018年，旨在鼓励本地大学进行更具影响力的研究，并推动与学术界以外的持份者更多合作的机会。

研究影响基金委员会负责评审申请建议书，并将负责监察获资助的项目。

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

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

Hong Kong PhD Fellowship Scheme Steering Committee

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

Selection Panels

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

- Humanities, Social Sciences and Business Studies (HSSB Panel)
- Science, Technology, Engineering and Mathematics (STEM 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.

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

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。

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 (HSSB小组)
- 科学、科技、工程及数学 (STEM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。

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 committee / panels for 2020/21 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。

2020/21年度各研资局委员会／学科小组的成员名单详列于附录C。

Research Endowment Fund

Following the approval by the Finance Committee (FC) of the Legislative Council (LegCo) in June 2019, the fences of the different pots of the Research Endowment Fund (REF) have been lifted for more flexible and effective deployment of resources. A HK\$20-billion injection has been officially placed with the Hong Kong Monetary Authority (HKMA) in September 2019, increasing the size of REF to HK\$46 billion. 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.

Earmarked Research Grants

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

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

In the 2020/21 academic year, the RGC allocated about HK\$1,117 million for the Earmarked Research Grants.

Theme-based Research Scheme

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

研究基金

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。200亿港元的注资已于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460亿港元。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。

研究用途补助金

研究用途补助金的资金来自研究基金中赚取的部分投资收益,用以资助研究项目及活动。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2020/21学年,经研资局所分配的研究用途补助金总额约为11.17亿港元。

主题研究计划

从研究基金赚取的部分投资收益,用作资助主题研究计划,以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

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

Competitive Research Funding Schemes for Local Self-financing Degree Sector

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

Research Impact Fund

Starting from 2020/21 exercise, part of the investment income of the Research Endowment Fund is deployed to support RIF to encourage more impactful research and foster more collaborative efforts with stakeholders beyond academia.

UGC Funds

Areas of Excellence Scheme

The Areas of Excellence Scheme was launched by the UGC in 1998 to enable the UGC-funded universities to build upon their existing strengths and develop them into areas of excellence. The scheme is administered by the RGC. The funding of around HK\$100 million per annum is provided by the UGC.

Hong Kong PhD Fellowship Scheme

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

本地研究生学费豁免计划

从研究基金赚取的部分投资收益，由2018/19学年开始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

从研究基金中赚取的部分投资收益，用作资助教员发展计划、跨院校发展计划及院校发展计划，以发展本地自资学位界别的研究能力。

研究影响基金

由2020/21年度起，从研究基金赚取的部分投资收益，用作资助研究影响基金，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。教资会现时为计划每年提供约1亿港元拨款。

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。

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 2020/21 academic year are HK\$26,600 and HK\$13,300 respectively. Thereafter, such amount will be adjusted annually before the start of academic year.

Research Matching Grant Scheme

With the funding approval of HK\$3-billion by the LegCo's FC in June 2019, the Research Matching Grant Scheme (RMGS) has been opened for applications with effect from 1 August 2019. 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.

RGC Postdoctoral Fellowship Scheme

Introduced in the 2019/20 academic year, the RGC Postdoctoral Fellowship Scheme (PDFS) aims to encourage doctoral graduates in pursuing career in research and provide promising researchers with support at a pivotal in their very early career, so as to ensure a supply of talent with scientific and research skills for research and development in Hong Kong.

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

奖学金将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2020/21学年，每月津贴及每年交通津贴分别为2.66及1.33万港元，有关的津贴水平会于每学年初进行调整。

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30亿港元，新设立的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私人捐款或资助，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。

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、挽留及扩大研究人才库，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 UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development.

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

研资局研究学者计划/ 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。

两项计划每年颁发奖项，分别资助副教授级和教授级获奖者，于60个月资助期间获发放经费，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。

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 2020/21 academic year, the total funding available for the Earmarked Research Grants was about HK\$1,117 million.

2020/21 学年研究用途补助金总额约为 11.17 亿港元。

Allocation of the Earmarked Research Grants: 2020/21 Academic Year

2020/21 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:

研资局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：

- HK\$788 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.
- 7.88亿港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

- HK\$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.
- HK\$146 million reserved for the Collaborative Research Fund to strengthen the research base, and support group research proposals that promote academic collaboration among universities and synergy between research teams.
- HK\$57 million reserved for the Joint Research Schemes established with other regions.
- HK\$10 million reserved for the Humanities and Social Sciences Prestigious Fellowship Scheme to enhance support to research in disciplines under the Humanities and Social Sciences Panel.
- HK\$0.8 million for the Research Postgraduate Students Conference/Seminar Grants to support inter-institutional and inter-disciplinary exchanges among postgraduates and to provide opportunities for them to meet and interact with overseas scholars.
- 1.15亿港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。
- 1.46亿港元拨作协作研究金，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。
- 5,700万港元拨款，供与其他地区合办的合作研究计划之用。
- 1,000万港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。
- 80万港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 2020/21 academic year, the total General Research Fund allocation was HK\$777 million, supporting 1 058 projects. As at 30 June 2021, the number of on-going projects is 3 895.
在2020/21学年，优配研究金拨款总额达7.77亿港元，资助研究项目达1 058个。截至2021年6月30日，3 895个资助研究项目仍在进行中。

General Research Fund

Altogether, 2 872 proposals across a wide range of subject disciplines were received under the General Research Fund exercise, seeking grants totaling HK\$2.79 billion. The bids were initially reviewed by external reviewers, and then assessed by the relevant Subject Panels.

Following rigorous peer review via the RGC's international network of external reviewers, on advice from the Subject Panels, the RGC approved allocating an amount of HK\$777 million to support 1 058 projects with an average grant of about HK\$0.73 million in the 2020/21 academic year. The overall success rate is 37%.

Allocation of the General Research Fund for the 2020/21 academic year by broad subject category is summarised in Chart 3.1.

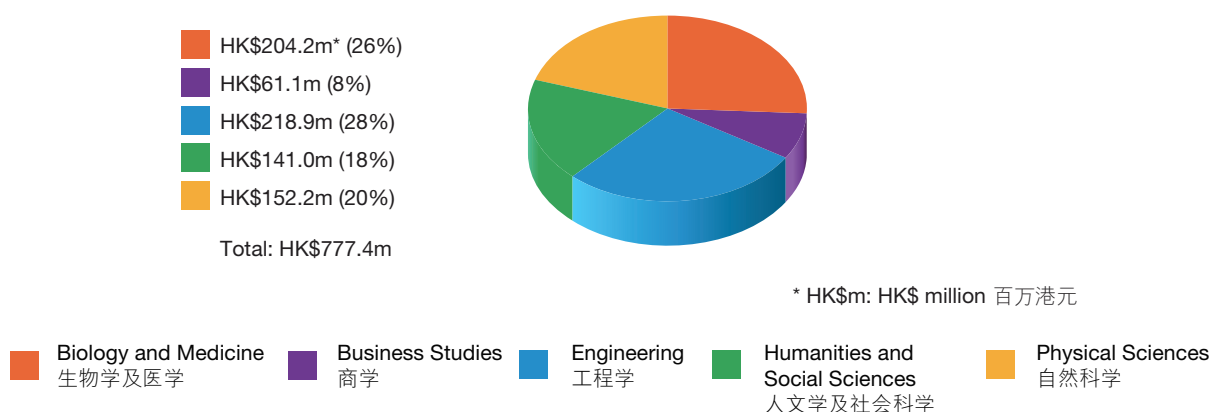
优配研究金

是年度向研资局申请优配研究金的研究项目共2 872个，研究范围广泛，申请金额达27.9亿港元。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2020/21学年拨出7.77亿港元予1 058个研究项目，平均每个项目约获拨款73万港元，整体成功率为37%。

表3.1列出2020/21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 2020/21 Academic Year
表3.1：2020/21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 HK\$1.2 million per year.

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

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

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

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

- **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120万港元。

- **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港元的津贴。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 2020/21 academic year, the total Early Career Scheme allocation approved was HK\$108 million supporting 163 projects. As at 30 June 2021, the number of on-going projects is 591.

在2020/21学年，杰出青年学者计划拨款总额约1.08亿港元，资助研究项目达163个。截至2021年6月30日，591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 414 proposals were received under the Early Career Scheme, seeking grants totaling HK\$343 million. Like the bids for the General Research Fund, the bids were first reviewed by external reviewers, and then assessed by the relevant Subject Panels.

Following rigorous peer review via the RGC's international network of external reviewers, on advice from the Subject Panels, the RGC awarded an amount of HK\$108 million to support 163 projects with an average grant of about HK\$0.66 million in the 2020/21 academic year. The overall success rate is 39%.

Allocation of the Early Career Scheme for the 2020/21 academic year by broad subject category is summarised in Chart 3.2.

杰出青年学者计划

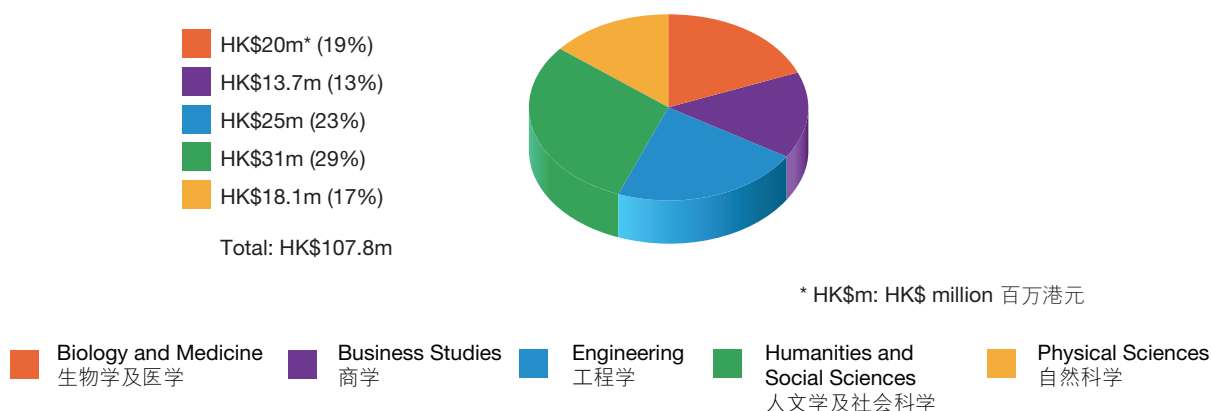
杰出青年学者计划的目的在于培育新进的青年学者。

杰出青年学者计划接获研究项目申请共414个，申请金额达3.43亿港元。与优配研究金的申请相同，申请会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2020/21学年拨出1.08亿港元予163个研究项目，平均每个项目约获拨款66万港元。整体成功率为39%。

表3.2列出2020/21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 2020/21 Academic Year
表3.2：2020/21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 2020/21 academic year, the total Collaborative Research Fund allocation was HK\$296 million supporting 56 projects, including a one-off additional funding of \$150 million for supporting 27 projects related to COVID-19 and other novel infectious diseases. As at 30 June 2021, the number of on-going projects is 108.

在2020/21学年，协作研究金拨款总额为2.96亿港元，资助研究项目达56个，当中包括1.5亿港元的一次性额外拨款，以资助27个与2019冠状病毒病及其他新型传染病相关的集体研究项目。截至2021年6月30日，108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 2020/21 academic year, the RGC received a total of 175 preliminary proposals, consisting of 160 group research applications and 15 equipment bids, seeking grants totaling HK\$1,214 million and HK\$79 million respectively.

After a peer review process and interviews of selected research teams by the Collaborative Research Fund Committee (CRFC), 29 full proposals were eventually funded at a total amount of HK\$146 million.

In addition, in response to the COVID-19 pandemic and its evolving global impact, the UGC allocated a one-off additional funding of \$150 million under CRF in May 2020 to support the UGC-funded sector in conducting research related to COVID-19 and other novel infectious diseases (NIDs). The research community responded actively and swiftly to the one-off CRF COVID-19 and NID Research Exercise. Among the 174 full group research proposals received, 27 were funded at a total amount of \$150 million, with ten of them under the biology and medicine disciplines, eight under business studies and humanities & social sciences and nine under engineering & physical sciences.

In light of the encouraging response, the UGC further allocated an additional \$100 million one-off funding to launch the Second round one-off COVID-19 and NID Research Exercise in January 2021, in conjunction with the regular CRF 2021/22 exercise.

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／或跨院校而具合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2020/21学年共接获175份初步计划书，包括160项资助集体合作研究的申请及15份购置器材的申请，申请资助额分别为12.14亿港元及7,900万港元。

经过学者评审及协作研究金委员会与个别研究队伍会面后，研资局落实资助其中29项申请，资助总额为1.46亿港元。

此外，因应2019冠状病毒病疫情及其带来的全球性影响，教资会于2020年5月额外拨出一次性的1.5亿港元，透过协作研究金资助教资会资助界别进行与2019冠状病毒病及其他新型传染病相关的集体研究项目。研究界别反应积极及迅速。在收到的174份正式研究计划书中，最终有27个项目获得资助，资助总额为1.5亿港元，包括十个关于生物学及医学、八个关于商业、人文科学及社会科学，以及九个关于工程学及自然科学的研究项目。

有见学术界反应正面，教资会于2021年1月增拨1亿元一次性拨款，推出第二轮协作研究金2019冠状病毒病及新型传染病一次性研究计划，并与协作研究金2021/22年度计划同时接受申请。

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

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

Due to the pandemic, CRF Symposium for funded projects in the CRF 2018/19 exercise was changed to private meetings with project teams in virtual settings in February 2021. 15 on-going projects funded in the 2018/19 academic year presented their mid-term research progress to the CRF Committee in the private meetings.

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于2021年2月以视像会议形式进行。在会议中，15个于2018/19学年获资助的研究项目向协作研究金委员汇报项目的进度。

HIGHLIGHTS 提要

In the 2020/21 academic year, the total Joint Research Schemes allocation was HK\$49.52 million for the Joint Research Schemes with different regions supporting 66 joint projects. As at 30 June 2021, the number of on-going projects is 225.
在2020/21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4,952万港元，共资助66个研究合作项目。截至2021年6月30日，225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 (JRS)**

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

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

The scheme provides funding to support actual expenses, inclusive of passage and subsistence. In the 2020/21 academic year, a total of 213 eligible preliminary research proposals and three applications for conference grants were received, seeking a total of HK\$256 million of RGC grants. After shortlisting, and in consultation with the National Natural Science Foundation of China, 86 research proposals were selected for submission of full proposals.

Following a peer review process and detailed discussions by the Joint Selection Committee comprising experts from both the National Natural Science Foundation of China and the RGC, 30 research proposals were selected for funding support at a total amount of HK\$34.7 million. Moreover, two conference proposals were selected for funding by the RGC at HK\$300,000.

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**

研资局与国家自然科学基金委员会于1998年11月成立联合科研资助基金。此计划旨在促进香港与内地的研究人员或队伍在双方具有共同兴趣的范围上展开合作研究，以收相辅相成之效。资助的合作范畴为以下六个重点领域：

- 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

此计划支持研究的实际开支，包括交通及生活费。计划于2020/21学年内共收到213份合资格的初步研究建议书以及三个会议项目的申请，申请金额约2.56亿港元。经研资局与国家自然科学基金委员会的甄选，86个研究项目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3,470万港元。另外，研资局亦资助了两个会议项目，资助额为30万港元。

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

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

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

In the 2020/21 academic year, 30 eligible applications were received, seeking total RGC grants of HK\$80.48 million. Following a peer review process and rigorous selection by the experts from the French National Research Agency and the RGC, three proposals were selected for funding support with total RGC grants of HK\$7.86 million.

- ***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 European Union's "Horizon 2020". Both research project proposals in science disciplines (viz. biology and medicine, engineering and physical sciences) and exchange proposals in all disciplines are accepted.

In the 2020/21 academic year, one round of exercise was held. 4 applications were received, seeking about HK\$10.4 million of RGC grants. Two applications were supported with total RGC grants of HK\$4.5million. The second round of exercise, being the final call under the collaboration agreement with EU's "Horizon 2020", was launched in December 2020 with application deadline extended to July 2021 so as to capture all eligible projects selected by the EU.

- ***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，旨在进一步加强香港与法国的科研人员就两地有共同兴趣领域上的合作。

在2020/21年度，研资局共收到30份合资格的申请，申请金额约8,048万港元。经学者评审及研资局与法国国家科研署的严格甄选后，选出三份申请批予资助。研资局合共批出786万港元。

- ***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，之前名为「欧洲委员会与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、工程学及自然科学等学科)及交流项目(适用于所有学科)的申请。

于2020/21学年，研资局进行了一轮计划，收到四份申请，申请金额约1,040万港元，最终两份申请获批资助，资助总额为450万港元。第二轮计划为欧盟「地平线2020」框架下的合作协议的最后一轮计划。该轮计划于2020年12月展开，截止申请日期延至2021年7月，以确保所有合资格已获欧盟甄选的项目可提交申请。

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 2020/21 academic year, 29 applications covering a wide range of subjects were received, seeking about HK\$2.06 million of RGC grants. Experts from both Hong Kong and Germany jointly selected 17 research proposals for about HK\$1.19 million RGC grants.

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

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

In the 2020/21 academic year, a total of 25 applications were received. Among these applications, 22 were travel grant requests and three were conference / workshop grants applications. The total amount of RGC grants sought was about HK\$1.96 million.

Of these, 12 applications including 11 travel grants and one conference / workshop grant were approved, with about HK\$0.97 million 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最多两年的交通及生活津贴，让两地的研究人员携手合作，商讨及进行研究。此计划每年进行一次遴选。

在2020/21学年，双方共接获的申请有29份，涵盖学科甚为广泛，申请金额约206万港元。本港及德国的学者最终共同选出17份申请予以资助，研资局给予的资助金额约119万港元。

• *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。

2020/21学年，双方共接获25份申请，其中22份是旅费补助金申请，其余三份是会议／工作坊补助金申请。申请金额约196万港元。

在上述申请中，共有12份申请获得拨款，其中11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97万港元。

HIGHLIGHTS
提要

In the 2020/21 academic year, HK\$2.82 million was awarded to support eight prestigious investigators under the Humanities and Social Sciences Prestigious Fellowship Scheme. As at 30 June 2021, the number of on-going projects is 27.
在2020/21学年，人文学及社会科学杰出学者计划拨出282万港元资助八名杰出学者。截至2021年6月30日，27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 HK\$2.82 million to support eight prestigious investigators with an average fellowship of about HK\$0.35 million in the 2020/21 academic year. The overall success rate is 31%.

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2020/21学年拨出282万港元资助八名杰出学者，平均每名约35万港元。整体成功率为31%。

HIGHLIGHTS 提要

In the 2020/21 academic year, amidst the COVID-19 pandemic, the RGC received no applications for the Research Postgraduate Students Conference/Seminar Grants. The RGC will continue to accept applications in the coming year.

在2020/21学年，由于2019冠状病毒病肆虐，研资局未有收到有关研究生会议／研讨会补助金的申请。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，亦资助研究生与海外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 2020/21 academic year, the Theme-based Research Scheme allocated HK\$230 million to support seven projects. As at 30 June 2021, the number of on-going projects is 36.
在2020/21学年，主题研究计划拨款总额达2.3亿港元，资助共七个研究项目。截至2021年6月30日，36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^{Note} for the TRS are:

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

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

The SCRTT will commence a second round of review on themes and grand challenge topics in September 2021. Any proposed revisions will be submitted to the RGC for consideration in December 2021.

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

The Tenth Round exercise was held in the 2020/21 academic year. A total of 52 preliminary proposals were received, seeking RGC grants of HK\$2.6 billion. After preliminary selection and a vigorous peer-review process, the RGC allocated HK\$230 million to support seven projects.

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

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^注分别为：

- (a) 促进健康；
- (b) 建设可持续发展的环境；
- (c) 加强香港作为地区及国际商业中心的策略性地位；及
- (d) 促进对香港起重要作用的新兴研究及创新项目。

经过研资局于2018年的检讨后，政府批准由第九轮计划起增加三个新的具挑战性题目，包括「食物生产及食物安全」、「金融科技及监管科技」及「人工智能」。现时，四个主题下共设有19个具挑战性题目。

研究主题及题目督导委员会将于2021年9月就研究主题及具挑战性题目进行第二轮检讨。修订建议将于2021年12月提交至研资局以供考虑。

每项主题研究计划年期最长为五年，每项申请的资助上限为7,500万港元。

第十轮计划于2020/21学年举行。研资局共收到52份初步建议书，申请金额约26亿港元。经过初步筛选及严格学者评审后，研资局拨款约2.3亿港元，资助共七个研究项目。

注：在2009年，教育局成立研究主题督导委员会，就挑选研究主题向政府提供意见。在2017年11月，研资局接手有关工作，并成立研究主题及题目督导委员会，就挑选研究主题及具挑战性题目提供意见。研究主题和具挑战性题目仍然由政府作出决定。

HIGHLIGHTS
提要

In the 2020/21 academic year, the RGC provided about HK\$86.50 million for the three competitive research funding schemes for the local self-financing degree sector supporting 83 research projects. As at 30 June 2021, the number of on-going projects is 204.

在2020/21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8,650万港元，共资助83个研究项目。截至2021年6月30日，204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). Starting from the Sixth Round exercise, the IDS was branched out into the Research Infrastructure Grant and the Collaborative Research Grant.

The Seventh Round exercise was held in the 2020/21 academic year. Results were announced in September 2020. Following the completion of the Seventh Round exercise, the Eighth Round exercise started in November 2020. A total of fifteen local self-financing degree-awarding institutions^{Note} were eligible for the three funding schemes in the Eighth Round exercise. The results of the Eighth Round exercise will be announced in September 2021.

Faculty Development Scheme (FDS)

The Faculty Development Scheme aims at developing the research capability of individual academics in the institutions so that they can transfer their research experiences and new knowledge into teaching and learning. In the 2020/21 exercise, HK\$56.96 million was granted to 69 research projects out of 266 applications.

Note: Caritas Institute of Higher Education, Centennial College, Chu Hai College of Higher Education, Gratia Christian College, The Hang Seng University of Hong Kong, Hong Kong Shue Yan University, The Open University of Hong Kong, Tung Wah College, HKCT Institute of Higher Education, Hong Kong Nang Yan College of Higher Education, Hong Kong Baptist University - School of Continuing Education, The Hong Kong Polytechnic University - School of Professional Education and Executive Development, Technological and Higher Education Institute of Hong Kong, UOW College Hong Kong and Yew Chung College of Early Childhood Education.

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。从第六轮计划起，院校发展计划分为研究基础设施拨款和协作研究拨款。

第七轮计划已于2020/21学年举行。申请结果已于2020年9月公布。随着第七轮计划的结束，第八轮计划已在2020年11月展开。共有十五所本地可颁授学位的自资院校^注符合参与上述三项研究资助计划的资格。第八轮计划的申请结果将于2021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2020/21年度，本计划共收到266份申请，其中69份研究计划获得资助，总额为5,696万港元。

注：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、香港树仁大学、香港公开大学、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

Inter-Institutional Development Scheme (IIDS)

The Inter-Institutional Development Scheme aims at enhancing academics' research capability in the institutions and keeping them abreast of new developments, and challenging research topics in relevant fields through organisation of workshops, seminars or short courses by an institution or jointly between institutions. In the 2020/21 exercise, 19 applications were received and eight of them were awarded HK\$3.70million.

Institutional Development Scheme (IDS)

Research Infrastructure Grant

The Institutional Development Scheme (IDS) Research Infrastructure Grant aims at building up the research capacity of the institutions in their strategic areas through the provision of physical research facilities, infrastructure and other kinds of support. Of the seven proposals received in the 2020/21 exercise, four projects were supported with a total grant of HK\$ 14.79 million.

Collaborative Research Grant

The IDS Collaborative Research Grant aims at encouraging and supporting collaborative research involving two or more self-financing institutions, and / or group research activities that operate across disciplines within an institution with a view to enhancing the research output of self-financing institutions in terms of the level of attainment, quality, dimensions and / or speed. Of the nine proposals received in 2020/21 exercise, two projects were supported with a total grant of HK\$11.05 million.

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2020/21年度共收到19份申请，合共批出370万港元资助八份计划。

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2020/21年度共收到七份申请，最后共批出1,479万港元资助四份计划。

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、质素、领域及／或进度上提升自资院校的研究成果。在2020/21年度共收到九份申请，最后共批出1,105万港元资助两份计划。

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 2020/21 academic year, the Areas of Excellence Scheme allocated HK\$277 million to support four projects. As at 30 June 2021, the number of on-going projects is 13.

在2020/21学年，卓越学科领域计划拨款总额达2.77亿港元，资助共四个研究项目。截至2021年6月30日，13个资助研究项目仍在进行中。

Areas of Excellence Scheme

With an annual budget of about HK\$100 million, the Areas of Excellence (AoE) Scheme supports research projects of similar scale as the TRS. Proposals from all disciplines falling outside the scope of the topics of the TRS may be submitted under this scheme. The prevailing funding ceiling is HK\$60 million per project for up to eight years.

The Ninth Round exercise was held in the 2020/21 academic year. A total of 20 eligible preliminary proposals were received, seeking grants of HK\$1.5 billion. After preliminary selection and a vigorous peer-review process, the RGC allocated HK\$277 million to support four projects.

卓越学科领域计划

卓越学科领域计划的资助金额预算约为每年1亿港元，提供资助予与主题研究计划规模相若的计划。所有涉及主题研究计划题目范围以外的建议书均可申请卓越学科领域计划的拨款。在这个计划下每个项目的资助金额上限约为6,000万港元，年期最长为八年。

第九轮计划于2020/21学年举行。研资局共收到20份合资格初步建议书，申请金额约15亿港元。经过初步筛选及严格学者评审后，研资局拨款约2.77亿港元，资助共四个研究项目。

HIGHLIGHTS
提要

Research Impact Fund was established in 2018. 128 preliminary proposals, seeking HK\$727 million, were received in the fourth round exercise. 45 proposals were shortlisted for submission of full proposals.

研究影响基金于2018年成立。研资局于第四轮计划共接获128份初步建议书，申请资助总额为7.27亿港元。当中45份获筛选提交具体建议书。

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 fourth round exercise, the RGC received a total of 128 preliminary proposals seeking HK\$727 million.

After evaluation by the Research Impact Fund Committee (RIFC), 45 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 December 2021.

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。研资局于第四轮申请共接获128份初步建议书，申请资助总额为7.27亿港元。

经研究影响基金委员会评审后，筛选出45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2021年12月公布。

HIGHLIGHTS
提要

In the 2020/21 academic year, the Hong Kong PhD Fellowship Scheme awarded 250 top students from 37 countries/regions.

在2020/21学年，香港博士研究生奖学金计划颁发奖学金予来自全球37个国家及地区共250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.

In the Eleventh Round exercise, 250 top students from 37 countries / regions received the award. By the deadline in December 2020, over 6 700 applicants from 108 countries/regions submitted full applications for the Twelfth Round exercise.

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.

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

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。

第十一届香港博士研究生奖学金计划的得主为250位来自全球37个国家及地区的优秀学生。而至2020年12月的报名截止日期，6 700多名来自108个国家及地区的申请者就第十二轮计划提交正式申请书。

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。

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。

HIGHLIGHTS
提要

After the seventh processing cycle, matching grant at a total amount of HK\$1.52 billion has been disbursed to 18 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 one institution reaching the matching floor of \$50 million.

第七个申请期结束后，研究配对补助金计划已发放共15.2亿港元配对补助金予18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，并已有六间大学及一间院校获取超过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 HK\$3-billion funding, aiming to allow the sector to diversify research funding sources and incentivise more contribution and collaboration from the private sector.

Donations / funding from non-government / non-public sectors secured by an individual university / institution for research-related purposes are eligible for matching. Applications from eight UGC-funded universities and 13 local self-financing degree-awarding institutions are processed in cycles on a quarterly basis.

After the seventh processing cycle, donation / sponsorship / research contract applied for matching has amounted to about HK\$2.55 billion in total. Matching grant at a total amount of \$1.52 billion has been disbursed to participating universities / institutions accordingly. So far, one university has reached the matching ceiling of \$500 million, and six universities and one institution have reached the matching floor of \$50 million. The remaining balance available for matching stood at about HK\$1.48 billion after seven 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30亿港元。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。

计划期内，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。

第七个申请期结束后，配对的申请已涉及共约25.5亿港元捐款／赞助／研究合约。经审批后，我们已发放共15.2亿港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，并已有六间大学及一间院校获取超过5,000万元「最低款额」的配对补助金。第七个申请期结束后，可供大学／院校继续申请的配对补助金余额约有14.8亿港元。

HIGHLIGHTS

提要

Introduced in the 2019/20 academic year, the RGC Postdoctoral Fellowship Scheme awarded 50 fellowships in the second exercise (2021/22) 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，第二届计划(2021/22)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 ensure a supply of talent with scientific and research skills for research and development in Hong Kong.

This newly introduced fellowship scheme is being well received, with 89 strong candidates in the second exercise (2021/22) from top universities internationally as well as UGC-funded universities. In addition to nominees from Hong Kong and the Mainland, we have nominees from Australia, Austria, Canada, Ghana, India, Italy, Pakistan, Poland, Russia, South Korea, Turkey, the United Kingdom and the United States of America.

Among the second cohort of 50 PDFS awardees, 25 are from the Humanities, Social Sciences and Business Studies disciplines, and 25 from the Science, Medicine, Engineering and Technology disciplines. They should all start the 36-month fellowship with a full-time postdoctoral fellow (PdF) appointment at their respective supporting university within the year of 2021. 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 \$405,330, 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.

We look forward to receiving more nominations from universities in future exercises.

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、挽留及扩大研究人才库，支持香港推动研发及培养研究文化。

此项新计划备受欢迎，第二届计划(2021/22)吸引来自国际顶尖大学及本地教资会资助大学的89名优秀参选者。除了本港及内地，候选者亦有来自澳洲、奥地利、加拿大、加纳、印度、意大利、巴基斯坦、波兰、俄罗斯、南韩、土耳其、英国及美国。

第二届50名获奖者中，有25名属人文学、社会科学及商科范畴，25名属科学、医学、工程及科技范畴。获奖者均须于2021年内于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405,330港元，其后两年的津贴额将根据相关条款，按政府统计处每年公布的综合消费物价指数作出年度调整。

我们期望各大学的提名数字于可见将来会更加上升。

HIGHLIGHTS
提要

Introduce in the 2019/20 academic year, the second exercise (2021/22) 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 HK\$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，第二届计划(2021/22)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1.3亿港元。

RGC Research Fellow Scheme / RGC Senior Research Fellow Scheme

The RGC Research Fellow Scheme (RFS) and RGC Senior Research Fellow Scheme (SRFS) have been introduced in the 2019/20 academic year, aiming to provide sustained support and relief from teaching and administrative duties for exceptionally outstanding academics at UGC-funded universities in Hong Kong, with a view to facilitating their full dedication to research and development.

The debut exercise (2020/21) of ten RFS and ten SRFS awardees has started their RFS / SRFS research projects on 1 January 2021. Each RFS and SRFS awardee are supported with a fellowship grant covering a period of 60 months at around HK\$5.2 million and HK\$7.8 million respectively. The total allocation of the two schemes in the debut exercise amounts to around HK\$130 million.

We received 32 nominations for RFS and 34 for SRFS in the second exercise (2021/22) competing for the ten RFS and ten SRFS awards. Upon the completion of peer-review assessment, shortlisted nominees were invited for interviews by the respective selection panel via video-conferencing in May / June 2021. The selection panels commended highly on the quality of the nominees and the research proposals submitted, as well as the enthusiasm displayed by the finalists during their interviews.

Recommendations of the RFS awardees (two from Humanities, Social Sciences and Business Studies (HSSB) disciplines, and eight from Science, Technology, Engineering and Mathematics (STEM) disciplines) and SRFS awardees (four from HSSB and six from STEM disciplines) were endorsed by the RGC in June 2021. All awardees are to start the research project on 1 January 2022. Each RFS and SRFS awardee will be supported with a fellowship grant covering a period of 60 months at around HK\$5.2 million and HK\$7.8 million respectively.

The total allocation of the two schemes in the second exercise amounts to around HK\$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。

首届计划(2020/21)的十名RFS获奖者及十名SRFS获奖者已于2021年初开展研究计划。每名获奖者获发为期60个月的津贴，金额分别约为520万港元(研资局研究学者计划)及780万港元(研资局高级研究学者计划)。两项计划首届资助总额约为1.3亿港元。

第二届计划(2021/22)分别收到32宗RFS及34宗SRFS提名，角逐各十个奖项。完成同侪评审后，进入最后入围名单的参选者获邀接受遴选小组的面试。面试透过视像会议方式，于2021年5月及6月进行。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。

遴选小组推荐的研资局研究学者计划获奖者(两名属人文学、社会科学及商科范畴，八名属科学、科技、工程及数学范畴)，及研资局高级研究学者计划获奖者(四名属人文学、社会科学及商科范畴，六名属科学、科技、工程及数学范畴)，得奖名单已获得研资局于2021年6月通过及确认。每名获奖者须于2022年1月1日开始计划下的研究项目，并获发为期60个月的津贴，金额分别约为520万港元(研资局研究学者计划)及780万港元(研资局高级研究学者计划)。

两项计划第二届的资助总额约为1.3亿港元。

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

Areas of Excellence Scheme

Center for Nasopharyngeal Carcinoma Research

The Center for Nasopharyngeal Carcinoma (NPC) Research aimed to strengthen collaborations between the NPC and Epstein-Barr virus (EBV) experts in basic science, clinical practice and translational studies to improve overall understanding and clinical care for NPC patients. The team established important resources for the NPC / EBV international research community, including an NPC Tissue Bank, new EBV + NPC cell lines and animal models for drug testing, and an NPC Cell Line Repository for NPC and immortalized normal nasopharyngeal epithelium cell lines.

Well-characterized new EBV + NPC cell lines provided excellent models for basic functional studies and preclinical evaluation of novel therapeutics. They were used to examine the role of the tumor microenvironment and clinical responses. Understanding the genetic basis of NPC by identifying key genes and pathways driving NPC development and metastatic spread provided diagnostic biomarkers and therapeutic targets.

The team utilized next-generation sequencing (NGS) to elucidate genes associated with NPC genetic susceptibility and identified the MST1R gene associated with early-age onset NPC. Novel non-HLA genetic loci together with the MHC region associated with NPC risk or protection were identified. Host immune dysregulation by EBV and EBV presentation to the immune system played important roles in genetic susceptibility. The NGS studies also identified genetic variants of genes in the NF- κ B pathway crucial in NPC. Epidemiological multi-center NPC case-control studies showed vitamin D deficiency and smoking associate with increased NPC risk, while milk consumption associated with decreased risk. The studies showed declines of salted fish consumption could not fully explain decreased NPC incidence.

卓越学科领域计划

鼻咽癌研究中心

鼻咽癌研究中心致力于加强鼻咽癌(NPC)与爱泼斯坦-巴尔病毒(EBV)相关的专家们在基础科学、临床实践和转化研究等各方面的合作，以增进对鼻咽癌这疾病的整体理解及改善对其患者的临床护理。团队为国际鼻咽癌及爱泼斯坦-巴尔病毒研究界建立了各种重要资源，包括鼻咽癌病人组织库、可用于药物测试的新型爱泼斯坦-巴尔病毒阳性鼻咽癌细胞系及其动物模型、以及包含鼻咽癌和永生化正常鼻咽上皮细胞系的相关细胞系库。

经过详细描述及研究的新型爱泼斯坦-巴尔病毒阳性鼻咽癌细胞系为新疗法的基础功能研究和临床前评估提供了出色的模型；它们已被用于研究肿瘤微环境及其对临床反应的影响。团队通过识别驱动鼻咽癌发展和转移扩散的关键基因及通路来深入了解鼻咽癌的遗传基础，并可进一步辨认出诊断生物标志物和治疗靶点。

团队运用次世代定序(NGS)技术来辨识与鼻咽癌遗传易感性相关的基因，并据此识别出与早发性鼻咽癌相关的MST1R基因。团队鉴定出全新的非人类白细胞抗原(HLA)基因位点以及鼻咽癌风险及保护相关的主要组织相容性复合体(MHC)区域。爱泼斯坦-巴尔病毒所引起的宿主免疫失调及该病毒在免疫系统中的呈现皆于遗传易感性中起着重要作用。次世代定序研究还识别出对鼻咽癌起关键作用的核因子 κ B活化B细胞 κ 轻链增强子(NF- κ B)通路相关基因之遗传变异。流行病学多中心鼻咽癌病例对照研究表明，缺乏维生素D与吸烟均与患鼻咽癌之风险相关；反之牛奶的摄入则与低风险有关联。研究并表明鱼类腌制食物消耗量的下降并不能完全解释鼻咽癌发病率的降低。

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

EBV immortalized and drove normal nasopharyngeal epithelium cells to develop into NPC. The EBV studies included targeting EBV in NPC animal models with specific inhibitors. The team examined EBV genome diversity in the saliva of NPC patients and healthy individuals to identify high-risk NPC EBV variants. NPC pathogenesis was also studied using our EBV-infected and uninfected cell lines, immortalized cell lines, as well as genetically engineered EBV, to identify NPC development pathways. EBV BART biomarker and functional studies were performed. The team found EBV-associated histone marks also played an important role in host gene expression leading to NPC.

Basic cancer studies examined how cell replication, chromosome aberrations and DNA replication contributed to tumorigenesis. Study of protein-protein interactions, functions and regulation of yeast and human DNA replication-initiation proteins led to the discovery of essential features of DNA replication that might be good drug targets. Biomarker studies focused on plasma circulating EBV DNA, BARTs, circulating tumor cells, EBV serology, and methylated markers to determine their usefulness for non-invasive screening for early disease, recurrence, and distant metastasis to improve diagnosis and monitoring the efficacy of NPC treatments. Improved tumor imaging parameters distinguished recurrent NPC vs post-radiotherapy fibrosis to spare over-treatment of patients and identified novel imaging parameters for risk stratification and prognostication. Preclinical drug studies identified novel useful NPC treatment agents and targeted cancer stem cells and EBV to improve treatment outcomes. Clinical studies aimed to optimize late stage metastatic NPC patient treatment to improve survival outcomes.

爱泼斯坦-巴尔病毒可使正常鼻咽上皮细胞永生化并驱动其发展成鼻咽癌。该病毒的相关研究包括了在鼻咽癌动物模型中使用针对该病毒的特定抑制剂之研究。团队检查鼻咽癌患者及健康个体之唾液中爱泼斯坦-巴尔病毒基因组的多样性、以鉴别出与高危鼻咽癌相关的病毒变异体。团队并使用了经爱泼斯坦-巴尔病毒感染及未感染的鼻咽癌细胞系、永生化上皮细胞系，以及经基因工程改造的爱泼斯坦-巴尔病毒，对鼻咽癌的发病机制进行了研究，以辨识鼻咽癌之发展途径。团队亦对爱泼斯坦-巴尔病毒之BART生物标志物和功能性进行了研究。研究发现与爱泼斯坦-巴尔病毒相关的组蛋白标记在导致鼻咽癌产生的宿主基因表达中也起着重要作用。

基础癌症研究调查了有关细胞复制、染色体畸变和去氧核糖核酸复制等在促进肿瘤发生中所起的作用。在对酵母和人类的去氧核糖核酸复制起始蛋白的蛋白质-蛋白质相互作用、其功能、及相关调控所进行的研究，团队识别出可作为优良药物靶标之去氧核糖核酸复制的基本特征。生物标志物研究集中于血浆中的爱泼斯坦-巴尔病毒去氧核糖核酸、病毒BART、循环肿瘤细胞、爱泼斯坦-巴尔病毒血清学和甲基化标志物，以鉴定它们用于早期疾病发生、复发及远端转移的非侵入性筛查的有效性及对于改善诊断和监测鼻咽癌治疗的功效。经改良的肿瘤成像参数可区分复发性鼻咽癌和放疗后的组织纤维化，以避免对患者的过度治疗；该研究并识别出可用于风险分层和预测后的新成像参数。临床前药物研究成功辨识出新的鼻咽癌治疗剂及针对癌症干细胞和爱泼斯坦-巴尔病毒的治疗方法，以改善鼻咽癌治疗效果。临床研究旨在优化对晚期转移性鼻咽癌患者的治疗，以改善其生存结果。

Research Funding Schemes and RGC Activities

研究资助计划及研资局的工作

Theory, Modeling, and Simulation of Emerging Electronics

The remarkable miniaturization of semiconductor microelectronics over the past few decades has fundamentally shaped our everyday lives. If the miniaturization trend continues, devices are expected to reach their physical limit before year 2020. By that time, electronic devices will no longer work under the current designs, and may require conceptually different device structures and operation principles. In addition, new materials, such as low dimensional materials and spin materials, may be introduced. Because of the profound economic, social and scientific implications of the emerging technologies, intensive international research activities are underway to understand and determine the physical properties and performance characteristics of the emerging sub-22nm devices and integrated circuits.

Modeling plays a critical role in this endeavor. The existing simulation software tools for previous and present generation semiconductor devices and integrated circuits are no longer applicable to the sub-22nm technology. The main difficulty lies in the limitation of continuum models used in the current simulation tools. For the sub-22nm devices, atomic features lead to large device-to-device variability. Another difficulty is that at the sub-22nm sizes the quantum effects, which are not adequately addressed in existing simulation tools, become important. Existing simulation tools cannot account for, or even be patched up to address these effects, as they are all based on continuum models. Therefore, next generation simulation methods and software are urgently needed.

With the team's expertise and background in first-principles atomistic simulation methods/ formulation development and continuum modeling of devices and circuits, the team worked together and established an Area of Excellence (AoE) in Modeling and Simulation of Emerging Electronics. The team focused on the modeling and simulation of sub-22nm technology and aimed to develop next generation multi-scale electronic design automation (EDA) tools that combined the atomistic simulation of individual devices, the coarse-grained modeling of integrated circuitries and simulation of electric signals propagation and interference. With these tools, the team studied coherent transport through sub-22nm devices, properties of new materials and structures, lithography and new memory devices. As China is developing rapidly its electronics industry, the team worked closely with research institutes and semiconductor companies in the region, and expected this AoE to play an important role in this development. Through the activities and efforts, the team strived to establish Hong Kong as a world premier research centre in the modeling of emerging electronic devices and circuitries.

新兴的电子学理论框架和模拟方法

在过去数十年，半导体微电子器件的小型化从根本上改变了人类的日常生活。按此趋势，可预期器件将会在2020年前到达物理极限。届时，现有的设计架构会失效，而人们将不得不设计全新的器件架构和工作机理，此外可能还需引入低维材料和自旋材料等技术。鉴于相关新兴技术对经济、社会和科学的深远影响，各国都在积极开展相关研究，以了解和鉴定新兴22纳米以下的微电子器件及集成电路的物理特质及表现。

在这些工作中，计算机模拟显得至关重要。此前和现在所使用的半导体器件和集成电路仿真软件无法应对22纳米以下的技术架构，主要受限于当前模拟工具使用的连续模型。对于22纳米以下的器件，具体原子结构基本决定一切。纳米尺寸下，量子效应未有在现有模拟工具获充分考虑会变得非常显著。基于连续性模型的模拟工具则完全无法描述此效应，也没有补救措施。因此，发展下一代仿真方法和软件的需求变得极为迫切。

凭着在第一性原子模拟方法/公式发展及器件和电路的连续模型等方面的专业知识和背景，团队共同合作，在新兴电子的建模和仿真方面建立了卓越领域(AoE)。团队聚焦于亚22纳米半导体技术的建模和仿真上，并旨在开发下一代多尺度电子设计自动化(EDA)工具，将纳米器件的原子模拟、集成电路的粗粒性模拟以及信号传输的仿真及干扰等相结合。通过发展的工具，团队研究模拟各种亚22纳米器件的电学性质、新材料及器件架构的特性、以及光刻和新型存储器件等技术。随着中国微电子产业的快速发展，团队亦与该地区的研究机构和半导体公司密切合作，预计这AoE项目在相关发展中发挥重要作用。通过工作及努力，团队积极将香港建设为新兴电子设备和电路建模的世界一流研究中心。

Theme-based Research Scheme

Delivering 21st Century Healthcare in Hong Kong – Building a Quality-and-Efficiency Driven System

The research plan called for in-depth studies on problems in 3 topical areas:

- 1) hospital resource planning;
- 2) coordinated elderly care; and
- 3) healthcare data analytics.

The project was centering around the theme “better care at affordable cost.”

Healthcare delivery worldwide has been fraught with high cost, low efficiency and poor quality of patient care service. Hong Kong is no exception, and the quality of service provided to patients has been far from exemplary. The objective of this project was to help Hong Kong develop a quality-and-efficiency driven healthcare delivery system that was built upon data analytics and compatible to the Internet age. Novel features of the project included: addressing healthcare delivery in Hong Kong in the context of business services innovation, the focus on quality-and-efficiency driven strategies and systems oriented solutions, and the emphasis on networked resources and human-centric characteristics in healthcare delivery.

Overall scholarly contributions included:

- 1) Coordinating community services with medical services in elderly care;
- 2) Community elderly health risk studies (e.g. fall risk and cognitive impairment);
- 3) Emergency Department patient flow prediction;
- 4) Planning and scheduling of key resources in a hospital; and
- 5) Probabilistic data linkage for integrated care coordination.

主题研究计划

为香港提供21世纪的医疗服务 – 构造一个品质与效率驱动的服务体系

本研究项目对以下三个备受关注的方面进行深入研究：

- 1) 医院资源的规划；
- 2) 协调整合的长者医护服务；及
- 3) 医疗服务数据的分析。

这三方面的研究都围绕着共同的主题：“运用可承受的资源，提供更优质的医疗服务”。

在全球各国医疗服务提供的过程广泛地出现高成本，低效率和低品质的问题。这些问题在香港也不例外，为病人提供医疗服务的品质远未能达到理想的程度。本专案的目的是帮助香港建立一个以品质和效率驱动的医疗服务传递系统，该系统以数据资料分析为基础，与互联网时代相融合。本计划的创新之处包括：在创新商业服务的框架下，专注由品质和效率驱动的策略，以系统为本的解决方案，解决医疗服务供应过程中出现的问题，并强调资源网络、以及提供病人为本的医疗服务。

整体学术贡献包括：

- 1) 医疗机构及社会服务机构对长者医护的协作及整合；
- 2) 社区长者的健康风险研究(包括跌倒风险及认知障碍等)；
- 3) 急症室病人的流量估算；
- 4) 协助医院规划及调度有关的重要资源方法；及
- 5) 为推动医社协作的概率化数据整合。

Research Funding Schemes and RGC Activities

研究资助计划及研资局的工作

Practical contributions included:

- 1) a patient-centric healthcare delivery framework that was based on data and emphasizes resource planning/ optimization and patient-centric service innovation;
- 2) estimated that every dollar invested in the integrated home care service could save 8 dollars in hospitalization cost;
- 3) machine learning approach to the individualized prediction of hospital readmissions for the elderly with chronic diseases;
- 4) the algorithm for data-driven discharge planning at admission, etc.

实务贡献包括：

- 1) 提供以患者为中心的医疗服务的框架，该框架基于数据并强调资源规划／优化和以患者为中心的服务创新；
- 2) 估算每1元投放在综合家居照顾服务，可以为入住医院的开支节省约8元；
- 3) 透过机器学习模式，根据每位长者慢性疾病及健康的情况，能个别地演算及预计该长者短期内再次入院的风险；及
- 4) 以数据导向为离院计划建立一套演算法。

Sustainable Power Delivery Structures for High Renewables

This project addressed the sustainability of future electrical power delivery systems. It is now clear that energy sustainability refers to the complete network (or grid), which delivers the power as much as the sources of energy. This package of energy supply and grid can make a major contribution to solving the urgent and potentially devastating problems of pollution and climate change. Much higher use of renewable power, including offshore wind-power (and demand management), is under serious consideration already. The proper operation of an electricity grid involves an intricate set of balancing processes for energy, power, ramping all while achieving the regulation of system variables, e.g. voltages, frequency, line powers, and keeping the system protected and secure following disturbances. This is achieved with layers of system control (and market) processes. These processes all need to be redesigned for high levels of renewable power due to the weather driven variability of the power supply. The team's research aimed to determine the structure of the delivery systems, which could overcome any such limitations and be sustainable in the long-term, including the appropriate system wide information and control systems.

The basic requirement is instantaneous balance of power generation and load demand in order to maintain a stable frequency. The traditional paradigm of generation following demand, where millions of diverse customer actions are balanced with the controlled output of a small number of major generation plants, cannot handle the distributed and variable nature of solar and wind energy sources. The team studied a new paradigm, which was adaptive in the sense of demand following generation. The load devices contributed to overall balancing and welfare of the system in processes of demand response and load control.

The key areas for the project were power systems, power electronics, computer networking and control technology. By integrating these areas in a balanced way, the aim was to build a unique research capability which could support the future industry in the Pearl River Region and beyond. The project built on its own highly innovative ideas that had shown promise for the proposed research, namely (i) electric springs, and (ii) granular modelling and control integrated with communication, control and security.

可容纳大量可再生能源的可持续电力输送结构

本项目旨在研究未来电网的可持续性，即如何利用电能传输网络最大限度地消纳其他能源。能源供给与电力网络的结合，可在应对环境污染、气候变化等严峻问题中发挥重要作用。为此，如何高效利用可再生能源发电、需求侧管理等技术，正备受业界关注。电网运行中常涉及一系列复杂的能量、功率平衡过程，在系统控制、电力市场等调控措施下，既要维持正常的电压、频率、线路功率，又要保证系统受扰后的安全性。然而，随着波动性强的可再生能源高比例渗入，传统电能传输架构不再适用。因此，本项目将基于先进信息和控制技术，研究电网长期可持续运行的新架构。

电网中频率稳定的基本前提是发电和用电的实时平衡。传统调控模式为发电跟随负荷，通过调节少数大型发电厂来满足大量分散负荷需求，但该模式无法适应可再生能源的分散性和波动性。本项目提出新的调控模式，即负荷自适应跟随发电，通过需求侧响应和负荷控制来高效维持电能供需平衡。

本项目涵盖电力系统、电力电子、计算机网络与控制等领域。项目组将整合自身跨领域优势，建立一支一流的科研团队，为珠三角及大湾区的行业提供技术支撑。本项目包含一系列独特的原创性方法和技术，如电力弹簧，融合先进信息和通信技术的精细建模与控制等。

Research Funding Schemes and RGC Activities

研究资助计划及研资局的工作

The research impacts included:

- The establishment of HK as a world leader in innovative power system technologies to be comparable with a few places in the USA and Europe;
- Accordingly, in this and other roles, the team believed they could play a major long term role in helping China overcome its heavy pollution problems not to mention contribute to the global effort to alleviate global warming;
- Specific technologies, such as electric springs, power flow routers and distributed control, show promise for commercial development; follow-up projects with Chinese collaboration and with Chinese power utilities are pending;
- The microgrid facility could be a resource for HK to further develop its advanced education in the important area of renewable energy; and
- The Centre for Electrical Energy Systems had further enhanced its status as a world-renowned group for modern power and energy engineering as evidenced by numerous invitations for keynote speeches and the like.

研究影响包括：

- 将香港打造成为可与美国和欧洲等地区媲美的世界一流电力系统技术研发地；
- 在上述区位角色的基础上，有望在帮助中国解决环境污染等重要问题方面发挥长期的重要作用，并为减缓全球气候变暖做出重要贡献；
- 本项目的电力弹簧、电能路由器和分布式控制器等技术具有广阔的商业应用前景，目前正与中国大陆的合作伙伴和电力公司商讨后续的合作研究和产品研发；
- 本项目的微电网设施可作为先进的示范性资源，为香港可再生能源相关的教育提供重要支撑；及
- 通过受邀主题报告等宣传方式，进一步将电力能源系统中心提升为世界知名的现代电力和能源工程研究团队。

Collaborative Research Fund

Neuronal Mechanism of Cholecystokinin-Facilitated Cross-modal Learning and Memory

In a previous project, the team has combined human and animal studies to investigate “where” and “how” cross-modal learning takes place. It is found that a new visuo-auditory associative memory can be established after repeated pairing. The establishment of this memory in auditory cortex is enabled by cholecystokinin (CCK)-immunopositive, neocortical-projection neurons in entorhinal cortex of medial temporal lobe (MTL). CCK works as the memory-writing switch in the cortex.

In this project the team will extend their investigation to unveil the role of CCK in memory-encoding and the cellular mechanism how CCK switches neuroplasticity. The team will adopt different approaches from behavioral neuroscience, electrophysiology, histochemistry, and newly developed bioengineering methods in their investigation.

This project will answer a fundamental question in neuroscience of how long-term associative memory is encoded in the neocortex. The proposed neural mechanism involving the neuropeptide CCK is likely to have a link with the team’s current understanding of high-frequency-stimulation-induced plasticity.

From Molecular Dynamics to Systems Biology: A Multi-scale Approach Tightly Integrating Simulation and Experiment to Quantitatively Analyze the Transcription Accuracy of RNA Polymerase II

Transcription is a process by which genome DNA is transcribed to messenger RNA for subsequent protein synthesis. Error made during transcription is a major factor in aging and human diseases such as cancer. Recent genome-wide studies show that transcription errors are strongly dependent on template DNA sequence, and there exist error-prone sequence motifs that can lead to genome instability. At the molecular level, the mechanisms for the transcriptional enzyme, RNA Polymerase II (Pol II) to misincorporate a nucleotide has been extensively studied by biochemical and structural experiments. The critical link is still missing between the structural mechanics of Pol II fidelity and the genome-wide transcriptional accuracy.

协作研究金

胆囊收缩素促进跨模态学习和记忆的神经机制

在较早前的项目中，团队透过结合对人类和动物的研究去探讨跨通道学习是「在何处」和「如何」进行。团队发现一种新的视听联合人工记忆在重复配对后得以建立。这种记忆能够在听觉皮层建立，是透过大脑内侧颞叶内嗅皮质内胆囊收缩素(CCK)免疫阳性的新皮层投射神经元。CCK是作为在大脑皮层上「写」入记忆的开关。

在这个项目中，团队将延续先前的工作，揭示CCK在记忆编码的作用，以及CCK如何转变神经可塑性的细胞机制。团队会采用不同方法，包括从行为神经学、电生理学、组织化学和新发展的生物工程学等方法进行研究。

这个项目将解答神经科学的一个重要问题，就是长期联合人工记忆是如何在大脑新皮层编码。涉及神经肽CCK所提出的神经机制，很可能关系到团队现时对高频刺激导致可塑性的理解。

从分子动力学到系统生物学：开发紧密结合理论和实验的多尺度方法来测量研究RNA聚合酶II基因转录的准确性

转录是由基因组DNA转录到信使RNA从而合成蛋白质的过程。转录期间所产生的错误是导致衰老和诸多人类疾病如癌症的主要因素。最近的全基因组研究表明，转录过程产生的错误高度依赖于模板DNA的序列，并且存在容易出错的序列基序，从而进一步导致基因的不稳定性。在分子水平上，生物化学和结构生物学实验已经对RNA聚合酶II(Pol II)在单个碱基层面产生转录错误的机理进行了广泛的研究，然而Pol II在单个碱基层面的转录错误如何导致基因组层面的转录错误还不是很清楚。

Research Funding Schemes and RGC Activities

研究资助计划及研资局的工作

During elongation, Pol II undergoes conformational changes in its structure. The team proposes to construct a kinetic network model (KNM) based on sequence-dependent molecular dynamics of Pol II elongation to predict transcriptional accuracy in the genome-wide transcriptomic datasets. This model will allow the team to pinpoint error-prone hot-spot sequence motifs in the genome with high transcription errors. It will also link these sequence motifs with their molecular origin related to the dynamics of specific Pol II conformational changes.

To build a KNM, the team will employ a multi-scale approach by integrating individual rates of critical conformational changes of Pol II in a kinetic network framework to model the overall transcriptional elongation dynamics. When applying it to profile the transcriptome, the KNM has the predicting power to identify the mutational hot-spots for Pol II. Using the yeast transcriptome, the team will validate their predictions with experimentally identified error-prone sequences from RNA deep sequencing, and further exclude errors not caused by Pol II using in vitro transcription assays. Furthermore, using Pol II mutants that are known to affect specific Pol II conformational changes, the team will establish a link between these validated error-prone sequence motifs and structural dynamics of Pol II. Finally, the team will also apply their KNMs to investigate the hot-spots for transcriptional mutations caused by human Pol II in the transcriptome.

To achieve the above goals, the team has formed a highly inter-disciplinary team with expertise in mathematical modeling, computer simulations, biochemical experiments, single-molecular measurements, chemical biology approaches, and high-throughput sequencing. The tight integration of these areas of expertise is vital to the success of this project.

Total synthesis and medicinal chemistry of cyclic peptide-based antibacterial compounds: an integrative programme for novel antibiotic development

Bacterial antibiotic resistance has become a serious public health issue worldwide and the situation is getting worse and worse. To combat multidrug-resistant bacteria such as methicillin-resistant *Staphylococcus aureus* (MRSA) and vancomycin-resistant *Enterococcus* (VRE), this project synergizes organic chemistry, medicinal chemistry and microbiology to develop cyclic peptide-based antibiotics. Using daptomycin, mannopeptimycin and teixobactin as scaffolds, this project aims to develop novel analogues with improved activities and pharmacological properties to treat multidrug-resistant pathogens and extend current clinical applications through structural modifications.

Pol II在转录过程中需要进行一系列的结构构象变化。团队建议基于这些构象变化的速率构建一个和DNA模版序列相关的动力学网络模型来预测在基因组层面的转录错误。这个模型将允许团队在整个基因组中找到转录容易出错的热点基因序列。它也将帮助团队进一步在分子层面找到这些热点基因序列同具体的Pol II构象变化的关系。

团队将采用一个多尺度的方法来把Pol II每个构象变化的速率整合到一个动力学网络模型中来预测整个转录过程的速率。当这个模型被运用来研究转录组的时候将可以预测由于Pol II造成的基因转录错误。团队将在酵母菌体系中将他们模型的预测与RNA测序的结果进行比对从而验证团队的方法。团队也将进一步运用一系列Pol II突变体来研究转录容易出错的热点基因序列与Pol II构象变化的关系。最后团队也将运用他们的模型来预测人类转录组中容易出错的热点基因序列。

为了达到上述目标，团队组成了包括数学建模，计算机模拟，生化实验，单分子测量，化学生物学，以及高通量RNA测序的专家在内的跨学科的团队。这些不同领域专家的紧密合作将是这个项目成功的关键。

环肽抗菌药物的化学合成及其药物化学：新抗生素开发的综合性探索

细菌耐药性已成为一个严重的全球公共卫生问题，而且情况正变得越来越差。为了应付多重耐药细菌，如耐甲氧西林金黄色葡萄球菌(MRSA)和耐万古霉素肠球菌(VRE)，本项目结合有机化学，药物化学和微生物学的研究方法，致力于开发新型的环肽类抗生素。团队将利用daptomycin(达托霉素)，mannopeptimycin和teixobactin作为研究对象，通过化学合成对这些抗生素进行结构改进，以获得活性和药理更好的新型抗生素以治疗耐药病原菌和新的临床适应症。

General Research Fund

Elucidation of a novel tumor suppressor gene tripartite motif 67 (TRIM67) in colorectal cancer

Colorectal cancer (CRC) is the third most common cancer worldwide. Both the incidence and death rate from CRC are increasing rapidly in Asian region, including Hong Kong. The mechanisms underlying CRC initiation and development however remain elusive. The research team have recently performed genome-wide DNA methylation sequencing and gene expression analyses of human CRC samples. Several tripartite motif 67 (TRIM67) family members have been found to play important roles in cancer development either as oncogene or tumour suppressor gene, whilst the functional significance and clinical implication of TRIM67 in human cancer are unclear. This project provides strong evidences that TRIM67 plays a key tumor suppressor role in CRC tumorigenesis

Inactivation of p53 is a key event driving colorectal tumorigenesis and resistance to DNA damaging chemotherapy. The research team's work in CRC cells and transgenic mice unveil that TRIM67 stabilizes p53 by preventing MDM2-mediated degradation. Importantly, TRIM67 reconstitution significantly sensitizes CRC cells to DNA damaging chemotherapy. TRIM67 loss is also identified as an independent marker for disease prognosis in CRC. TRIM67/p53 axis represents a novel therapeutic target that could be harnessed to improve chemotherapy efficacy in CRC expressing wildtype p53 but with repressed p53 signaling.

This project focused on a novel tumor suppressor gene (TRIM67) and its role in colorectal cancer. The team published over 25 peer reviewed manuscripts and many were in high profile journals. The potential value of the published results is excellent with a high degree of relevance to HK.

优配研究金

阐明新的大肠癌抑癌基因tripartite motif 67 (TRIM67)的抑癌机制

结直肠癌是全球第三大常见癌症，其发病率和死亡率在亚洲地区包括香港在内都在迅速上升。然而，结直肠癌起始和发展的机制仍然难以捉摸。研究团队最近对人类结直肠癌样本进行全基因组DNA甲基化测序和基因分析。数种tripartite motif 67 (TRIM67)因子已被发现在癌症发展中作为癌基因或肿瘤抑制基因发挥着重要作用，然而TRIM67在人类癌症中的功能意义和临床意义尚未清楚。研究项目提供了有力的证据证明TRIM67在结直肠肿瘤的发展中起了关键的抑制作用。

p53的失效是导致结直肠肿瘤和妨碍DNA破坏性化疗的关键因素。研究团队在结直肠癌细胞和基因转殖小鼠的工作揭示了TRIM67通过阻止MDM2介导的降解来稳定p53。重要的是，TRIM67显著的重组会使结直肠癌细胞对DNA破坏性化疗有更大的反应。TRIM67的缺乏也被确定为结直肠癌疾病预后的指标。TRIM67/p53轴代表了一种新的治疗靶点，可用于提高野生型但信号传导受到抑制的p53在结直肠癌化疗中的效果。

这个项目专注于一种新型肿瘤抑制基因 (TRIM67)及其在结直肠癌中的作用。团队已发表超过25篇经同行评审的论文，部分更在知名期刊上发表。已发表的论文极具潜在价值，并与香港高度相关。

Early Career Scheme

Application of mindfulness training in a family-based intervention for improving early child development and stress management in economically disadvantaged families

Economic disadvantage has been found to be associated with delayed cognitive and language development, and mental health symptoms such as aggression, anxiety of children. Chronic cumulative stressors of poverty disrupt their attention, emotional and behavioural regulation, that would further lead to negative impact in early development. As their parents are also affected by stress, they often become unresponsive, harsh and inconsistent in child discipline, resulting in a chronic stress to their children.

Mindfulness is defined as paying attention purposefully and non-judgmentally to the present moment. It has been shown to improve attention, promote exposure to unpleasant experiences, facilitate cognitive change, and enhance the ability to cope with life stress. Mindfulness training has been established as an evidence-based intervention for people suffering from various chronic conditions. Its application in a family context, including parents and children, is just beginning.

The purpose of this study is to assess the effectiveness of a family-based mindfulness intervention (FBMI) in reducing parental stress and promoting child adjustment. Intervention effectiveness is tested by conducting a randomized controlled trial comparing a group receiving FBMI to a wait-list control group. A group of children aged five and their parents were recruited to participate in the study and stratified by level of economically disadvantage, behavior problem scores, and parental stress, and then randomly assigned to the two groups. Intervention group was led by instructors with professional mindfulness training. The team would compare the children in the intervention group with the wait-list group on the effect of mindfulness training on improvements in cognitive and language development, behaviour problems, attention and emotional/behavior regulation, and physiological stress (reduced cortisol and heart rate variability). Parents in the two groups would also be compared on the effect of mindfulness training on improvement of physiological and psychological stress.

杰出青年学者计划

应用家庭为本静观训练在改善弱势家庭的儿童早期成长及压力管理

现有文献显示经济弱势与儿童的认知及语言发展迟缓、精神健康症状包括暴力及焦虑等有密切关系。于贫穷中成长所累积的压力会损害儿童的注意力、情绪及行为的调节。对儿童的早期成长造成深远的影响。与此同时，儿童的父母亦会同样受到压力的影响，在管教儿童时会有时出现拒绝回应、苛刻或不贯彻等行为，对子女造成的一种长期的压力。

静观是指有意识地及不加批判地将注意力放在当刻上。研究显示静观训练可以改善注意力、提升对不愉快经验的接纳程度，有助认知的转变及提升对生活压力的管理。静观已被确立为一种以实证为基础的介入模式，广泛应用于面对各种长期压力的人士的训练。然而，静观训练在家庭层面的应用仍在起步阶段。

本研究的目的是为评估家庭为本的静观训练应用对于减低家长压力及提升儿童的适应力的成效。介入成效将通过随机对照的临床实验，比较介入组及等候对照组来验证其成效。研究团队招募了一批五岁儿童及家长参与研究，并以家庭收入、儿童行为问题指数、家长压力进行分层随机分组。介入组由曾接受相关专业训练的静观导师带领。研究团队会比较介入组的儿童及等候对照组的儿童，以了解儿童在认知及语言发展、行为问题、注意力及情绪/行为调节及生理压力(唾液皮质醇及心跳变异率)等方面会否因静观训练而有所改善。同时亦会比较介入组的家长及等候对照组的家长以了解静观训练对他们的生理及心理压力的正面影响。

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

This project is the first of its kind to use mindfulness training in a family context in Hong Kong. It is also unique as it examines the effectiveness of a mindfulness-based intervention with multiple outcome measures related to stress, combining self-reported measures with biomarkers, and psychological tests. For model building and theory development, this study may shed light on assessing the change mechanisms for promoting child learning, emotional and behavioural regulation, particularly in relation to studies of stress physiology and economically disadvantaged families. The results may not only benefit in Hong Kong but also those in other Chinese societies and countries.

这项研究是本地其中一项最早的家庭为本的静观训练研究，其独特性包括以心理及生理方法测定与压力有关的介入成果。在模式建构及理论发展的层面，本研究或许能为弱势家庭的压力生理研究、儿童学习、情绪及行为调节的提升上作出启示。研究结果不但会令香港有关群体受益，或许亦能为华人社区及其他国家相关研究提出方向。

RGC Contacts with Other Funding Bodies

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

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

研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。研资局经常与下列主要研究资助机构保持联系：

- 裘槎基金会
- 环境及自然保育基金
- 医疗卫生研究基金
- 创新科技署
- 优质教育基金
- 余兆麒医疗基金
- 海外及内地的学术研究资助机构

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，通过具竞争性质的拨款资助计划，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。

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。

The background is a warm, orange-toned abstract design. It features a variety of hexagonal shapes, some solid and some outlined, overlapping each other. Small white dots are scattered throughout, some connected by thin white lines, suggesting a network or data structure. The overall aesthetic is clean and modern.

Appendices

附录

Appendix A: RGC Membership 2020/21 附录 A：研资局 2020/21 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 Joseph Hun-wei Lee 李行伟教授 (主席) (retired on 28 February 2021) (已于2021年2月28日卸任)	The Hong Kong University of Science and Technology 香港科技大学	7/2020
Prof Yuk-shan Wong, SBS, JP 黄玉山教授, SBS, JP (主席) (assumed office on 1 March 2021) (已于2021年3月1日履新)	The Open University of Hong Kong 香港公开大学	3/2021
Prof Jiun-shyan Chen 陈俊贤教授	University of California, San Diego 加州大学圣地牙哥分校	7/2016
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 得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 加州大学洛杉矶分校	8/2017
Prof James Fawcett	University of Cambridge 牛津大学	11/2019
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 Jian Lu 吕坚教授	City University of Hong Kong 香港城市大学	7/2016
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

Appendix A: RGC Membership 2020/21 附录 A：研资局 2020/21 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 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
Prof Geoffrey L Smith	University of Cambridge 剑桥大学	7/2015
Prof Billy Kee-long So 苏基朗教授	University of Macau 澳门大学	7/2016
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 港科院	8/2017
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西门菲沙大学	7/2018
Prof Alexander Ping-kong Wai 卫炳江教授 (retired on 1 February 2021) (已于2021年2月1日卸任)	The Hong Kong Polytechnic University 香港理工大学	7/2016
Prof Rick Wai-ki Wong 黄伟国教授	Hong Kong Baptist University 香港浸会大学	7/2018
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 余劼离教授	University of California, San Diego 加州大学圣地牙哥分校	7/2017
Prof Jie Zhang 张杰教授	Chinese Academy of Sciences 中国科学院	7/2020
Prof Charles Surya 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)	University Grants Committee Secretariat 大学教育资助委员会秘书处	

Appendix B: Attendance Record of RGC Members in 2020/21 附录 B：2020/21 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 Joseph Hun-wei Lee 李行伟教授	1	1	100%
Prof Yuk-shan Wong, SBS, JP 黄玉山教授, SBS, JP	1	1	100%
Prof Jiun-shyan Chen* 陈俊贤教授*	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	2	100%
Prof Cindy Fan* 范芝芬教授*	2	2	100%
Prof James Fawcett*	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	2	100%
Prof Jian Lu 吕坚教授	2	2	100%
Prof Tai-lok Lui, JP 吕大乐教授, JP	2	2	100%
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%

Appendix B: Attendance Record of RGC Members in 2020/21 附录 B：2020/21 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 Geoffrey L Smith*	2	2	100%
Prof Billy Kee-long So* 苏基朗教授*	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 Alexander Ping-kong Wai 卫炳江教授	1	1	100%
Prof Rick Wai-kwok Wong 黄伟国教授	2	2	100%
Prof Edward Sze-Shing Yeung* 杨仕成教授*	2	2	100%
Prof Paul K L Yu* 余劼离教授*	2	2	100%
Prof Jie Zhang* 张杰教授*	2	2	100%
Prof Charles Surya 徐星全教授	2	2	100%

* denotes members outside Hong Kong

* 为非本地成员

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Biology and Medicine 生物学及医学		
Prof James Fawcett (Chairman) (主席)	University of Cambridge 剑桥大学	1/2017
Prof Kai-nan An (Deputy Chairman – Joint Research Schemes) 安介南教授 (副主席 – 合作研究计划)	Mayo Clinic College of Medicine 梅约临床医学院	2/2015
Prof Hongtao Yu (Deputy Chairman – Schemes for Individual Research) (副主席 – 个人研究资助计划)	University of Texas 德克萨斯州大学	1/2018
Prof Rudolf Bauer	University of Graz 卡尔·弗朗岑斯格拉茨大学	3/2018
Prof Zhaoxiang Bian 卞兆祥教授	Hong Kong Baptist University 香港浸会大学	2/2016
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 Maria Byrne	The University of Sydney 悉尼大学	12/2018
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 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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Stephen Lam Chan 陈林教授	The Chinese University of Hong Kong 香港中文大学	11/2019
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 加州大学河滨分校	12/2019
Prof Zhengming Chen	University of Oxford 牛津大学	11/2020
Prof Ying Cheong	University of Southampton 修咸顿大学	11/2019
Prof Zheng Dong 董政教授	Medical College of Georgia, Augusta University 奥古斯塔大学－佐治亚州医学院	11/2019
Prof Thomas Efferth	Johannes Gutenberg University 约翰尼斯·古腾堡－美茵兹大学	1/2016
Prof Sandy Feng	University of California, San Francisco 加州大学旧金山分校	11/2020
Prof Xiaohua Gong	University of California, Berkeley 加州大学柏克莱分校	3/2020
Prof Jennifer Grandis	University of California, San Francisco 加州大学旧金山分校	11/2019
Prof Xin-yuan Guan 关新元教授	The University of Hong Kong 香港大学	1/2019
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	3/2018
Prof Yu Huang 黄聿教授	The Chinese University of Hong Kong 香港中文大学	12/2017
Prof Ladd Johnson	Laval University 拉瓦尔大学	1/2020
Prof William Hunter	University of Dundee 邓迪大学	3/2018

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Liwen Jiang 姜里文教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Dong-yan Jin 金冬雁教授	The University of Hong Kong 香港大学	2/2019
Prof Han-sung Jung 郑翰圣教授	Yonsei University 延世大学	3/2018
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
Dr Jessica CF Kwok	University of Leeds 列斯大学	11/2020
Professor Kin-ming Kwan 关健明教授	The Chinese University of Hong Kong 香港中文大学	03/2020
Prof Hon-ming Lam 林汉明教授	The Chinese University of Hong Kong 香港中文大学	2/2019
Prof Mansun Law	The Scripps Research Institute 斯克里普斯研究所	12/2017
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 Kai Liu 刘凯教授	The Hong Kong University of Science and Technology 香港科技大学	2/2019
Prof Chung-mau Lo 卢宠茂教授	The University of Hong Kong 香港大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Fanxin Long	Washington University 华盛顿大学	1/2014
Prof William Weijia Lu 吕维加教授	The University of Hong Kong 香港大学	12/2018
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 Kevin O'Shaughnessy	University of Cambridge 剑桥大学	11/2019
Prof Peter Polverini	University of Michigan 密西根大学	11/2020
Prof Tony Shu-kam Mok 莫树锦教授	The Chinese University of Hong Kong 香港中文大学	2/2016
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	The University of Hong Kong 香港大学	1/2020
Prof Jie Song	University of Massachusetts Medical School 马萨诸塞大学医学院	11/2020
Prof Kathryn Choon-beng Tan 陈俊明教授	The University of Hong Kong 香港大学	1/2017
Prof Xiao-fan Wang 王小凡教授	Duke University 杜克大学	12/2019
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 Ferranti Wong	Queen Mary University of London 伦敦大学玛丽皇后学院	12/2017
Prof Zhenguo Wu 邬振国教授	The Hong Kong University of Science and Technology 香港科技大学	1/2017

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 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 加州大学洛杉矶分校	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 Benjamin Yat-ming Yung 翁一鸣教授	The Hong Kong Polytechnic University 香港理工大学	12/2017
Prof Michael Q. Zhang 张奇伟教授	University of Texas at Dallas 德州大学达拉斯分校	3/2018
Prof Yuaning Zhang 张元亭教授	City University of Hong Kong 香港城市大学	2/2019
Prof Tao Zhang 张涛教授	Chinese Academy of Sciences 中国科学院	1/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Business Studies 商学		
Prof Raymond Man-pao Kan (Chairman) 简文豹教授 (主席)	University of Toronto 多伦多大学	7/2017
Prof Hanming Fang (Deputy Chairman – Joint Research Schemes) 方汉明教授 (副主席 – 合作研究计划)	University of Pennsylvania 宾夕法尼亚大学	2/2015
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 Yuxin Chen 陈宇新教授	New York University Shanghai 上海纽约大学	1/2015
Prof Louis TW Cheng 郑子云教授	The Hong Kong Polytechnic University 香港理工大学	2/2016
Prof Hsing K. Cheng 郑兴教授	University of Florida 佛罗里达大学	11/2019
Prof Andrew Tat Tin Ching	Johns Hopkins University 约翰·霍普金斯大学	11/2020
Prof Yin-Wong Cheung 张贤旺教授	City University of Hong Kong 香港城市大学	11/2017
Prof Daniel A Cohen	Texas A&M University 德州农工大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Sudipto Dasgupta	The Chinese University of Hong Kong 香港中文大学	11/2017
Prof Andrew Delios	National University of Singapore 新加坡国立大学	1/2015
Prof David A. Griffith	Texas A&M University 德州农工大学	1/2016
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
Prof Vernon N Hsu 徐宁教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Xu Huang 黄旭教授	Hong Kong Baptist University 香港浸会大学	2/2016
Prof Tim Woonghee Huh	University of British Columbia 英属哥伦比亚大学	11/2019
Prof Mingming Leng 冷明明教授	Lingnan University 岭南大学	4/2019
Prof Haitao Li 李海涛教授	Cheung Kong Graduate School of Business 长江商学院	1/2015
Prof Hongbin Li 李宏彬教授	Stanford University 史丹福大学	11/2018
Prof Hui Liao 廖卉教授	University of Maryland 马里兰大学	2/2015
Prof Xiumin Martin	Washington University 华盛顿大学	11/2019
Prof David Tat Chee Ng	Cornell University 康乃尔大学	11/2020
Prof Jeffrey Tee Yong Ng	The Hong Kong Polytechnic University 香港理工大学	11/2018
Prof Albert Francis Park	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 德克萨斯州大学达拉斯分校	11/2020
Prof Carol W. Shanklin	Kansas State University 堪萨斯州立大学	12/2018

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Haipeng Shen 沈海鹏教授	The University of Hong Kong 香港大学	2/2019
Prof Jing-Sheng Jeannette Song	Duke University 杜克大学	11/2020
Prof Peng Sun 孙彭教授	Duke University 杜克大学	11/2018
Prof Zhigang Tao 陶志刚教授	The University of Hong Kong 香港大学	2/2015
Prof James Thong 汤永亮教授	The Hong Kong University of Science and Technology 香港科技大学	1/2015
Prof John Wei 魏国强教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
Prof Eric Van Wincoop	University of Virginia 维吉尼亚大学	2/2017
Prof M.H. Franco Wong	University of Toronto 多伦多大学	12/2017
Prof Nancy Wong	University of Wisconsin-Madison 威斯康星大学麦迪逊分校	1/2016
Prof Sean Xin Xu	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	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 Xiaodong Zhu 朱晓冬教授	University of Toronto 多伦多大学	11/2019

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Engineering 工程学		
Prof Jiun-shyan Chen (Chairman) 陈俊贤教授 (主席)	University of California, San Diego 加州大学圣地牙哥分校	7/2016
Prof Wing Kam Liu (Deputy Chairman – Joint Research Schemes) 廖荣锦教授 (副主席 – 合作研究计划)	Northwestern University 西北大学	2/2015
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 Dapeng Oliver Wu (Chairman, Computer Science & Information Technology and Electrical & Electronic Engineering Sub-Panel) 吴大鹏教授 (计算机科学及资讯科技暨电机 电子工程分组主席)	University of Florida 佛罗里达大学	12/2014
Prof Pedro J. Alvarez	Rice University 莱斯大学	11/2018
Prof Ronaldo I Borja	Stanford University 史丹福大学	1/2016
Prof Catherine Brinson	Duke University 杜克大学	11/2018
Prof Jian Cao	Northwestern University 西北大学	11/2018
Prof Albert Ping-chuen Chan 陈炳泉教授	The Hong Kong Polytechnic University 香港理工大学	1/2016
Prof Tung-sun Chan 陈东燊教授	The Hong Kong Polytechnic University 香港理工大学	3/2018
Prof Xiuli Chao 赵修利教授	University of Michigan, Ann Arbor 密芝根大学安娜堡分校	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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Nan Chen 陈南教授	The Chinese University of Hong Kong 香港中文大学	2/2020
Prof Yingying Chen	Rutgers, The State University of New Jersey 罗格斯大学	11/2020
Prof Yiran Chen 陈怡然教授	Duke University 杜克大学	11/2019
Prof Eric Ka-wai Cheng 郑家伟教授	The Hong Kong Polytechnic University 香港理工大学	1/2016
Prof Michael Kwok-keung Cheng 郑国强教授	The Chinese University of Hong Kong 香港中文大学	1/2016
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 George T C Chiu 邱祚之教授	Purdue University 普渡大学	1/2016
Prof Jason Tsan-ming Choi 蔡灿明教授	The Hong Kong Polytechnic University 香港理工大学	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 Henry S H Chung 锺树鸿教授	City University of Hong Kong 香港城市大学	11/2017
Prof Cunsheng Ding 丁存生教授	The Hong Kong University of Science and Technology 香港科技大学	1/2016
Prof Lucy E. Dunne	University of Minnesota 明尼苏达大学	11/2020
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 2020/21 附录 C：委员会／学科小组 2020/21 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	Exponent, Inc.	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 Ji-jung Kai 开执中教授	City University of Hong Kong 香港城市大学	3/2018
Prof Jay C C Kuo 郭宗杰教授	University of Southern California 南加州大学	1/2017
Prof James Lam 林参教授	The University of Hong Kong 香港大学	2/2016
Prof William Hing-keung Lam 林兴强教授	The Hong Kong Polytechnic University 香港理工大学	11/2018
Prof Kei-may Lau 刘纪美教授	The Hong Kong University of Science and Technology 香港科技大学	4/2020
Prof Andrew Chi-Sing Leung 梁志成教授	City University of Hong Kong 香港城市大学	1/2016
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 Qiusheng Li 李秋胜教授	City University of Hong Kong 香港城市大学	1/2017
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 Chee-wah Lim 林志华教授	City University of Hong Kong 香港城市大学	11/2017

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Ching-long Lin	The University of Iowa 爱荷华大学	11/2020
Prof Yilu Liu 刘奕路教授	The University of Tennessee, Knoxville 田纳西大学	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 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 Yiu-wing Mai 米耀荣教授	The University of Sydney 悉尼大学	11/2017
Prof Muriel Medard	Massachusetts Institute of Technology 麻省理工学院	11/2019
Prof Chris Mi 米春亭教授	San Diego State University 圣地亚哥州立大学	3/2020
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 Michael KP Ng 吴国宝教授	The University of Hong Kong 香港大学	2/2016
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 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	Wayne State University 韦恩州立大学	11/2020
Prof Wan-chi Siu 萧允治教授	The Hong Kong Polytechnic University 香港理工大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Steve Wai-ching Sun 孙维正教授	Columbia University 哥伦比亚大学	11/2020
Prof Kay-chen Tan 陈家进教授	City University of Hong Kong 香港城市大学	2/2019
Prof Hong Tang	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
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 纽泽西理工学院	11/2020
Prof Jianping Wang 汪建平教授	City University of Hong Kong 香港城市大学	11/2018
Prof Min Wang 王敏教授	The University of Hong Kong 香港大学	1/2016
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 Tien-tsin Wong 黄田津教授	The Chinese University of Hong Kong 香港中文大学	1/2016
Prof Ning Xi 席宁教授	The University of Hong Kong 香港大学	1/2016
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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Cary Yang 杨远伟教授	Santa Clara University 圣塔克拉拉大学	2/2016
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 Ben Young 杨立伟教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Humanities and Social Sciences 人文学及社会科学		
Prof Cindy Fan (Chairman) 范芝芬教授 (主席)	University of California, Los Angeles 加州大学洛杉矶分校	11/2010
Prof Elisabetta Corsi (Deputy Chairman – Joint Research Schemes) 伊丽教授 (副主席 – 合作研究计划)	University of Rome, La Sapienza 罗马大学	2/2015
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 Zhuo Jing-Schmidt 井苗教授 (Chairman, Psychology and Linguistics Sub-Panel) (心理学及语言学分组主席)	University of Oregon 俄勒冈大学	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 加州大学洛杉矶分校	1/2017
Prof Casey Burkholder	University of New Brunswick 纽宾士域大学	11/2019

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 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 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 Hin-tat Cheung 张显达教授	The Education University of Hong Kong 香港教育大学	1/2017
Dr Samuel KW Chu 朱启华博士	The University of Hong Kong 香港大学	3/2017
Prof Cornelis de Bot	University of Groningen 格罗宁根大学	2/2016
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
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	Xi'an Jiaotong-Liverpool University 西交利物浦大学	11/2017
Prof Nan Greenwood	St George's University of London 伦敦大学圣乔治学院	11/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Christine M Halse 贺洁婷教授	The Education University of Hong Kong 香港教育大学	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 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 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 Ilan Katz	University of New South Wales 新南威尔士大学	12/2019
Prof Gina W.F. Lai 赖蕴宽教授	Hong Kong Baptist University 香港浸会大学	12/2018
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 Maggy Lee 李淑仪教授	The University of Hong Kong 香港大学	12/2015
Prof Pui-wa Lei 李佩华教授	The Pennsylvania State University 宾夕法尼亚州立大学	3/2018
Prof Sandy S C Li 李兆璋教授	Hong Kong Baptist University 香港浸会大学	12/2018
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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Meichun Liu 刘美君教授	City University of Hong Kong 香港城市大学	3/2018
Prof Carlos WH Lo 卢永鸿教授	The Chinese University of Hong Kong 香港中文大学	11/2017
Prof Daniel C Lynch 林丹教授	City University of Hong Kong 香港城市大学	12/2019
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 Melanie Manion	Duke University 杜克大学	11/2020
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	Lingnan University 岭南大学	11/2020
Prof Michael O'Sullivan 麦可·欧苏利文教授	The Chinese University of Hong Kong 香港中文大学	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, Knoxville 田纳西大学诺克斯维尔分校	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 James A. Steintrager	University of California, Irvine 加利福尼亚大学尔湾分校	11/2018
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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Christopher J Webster	The University of Hong Kong 香港大学	2/2016
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	California State University, Los Angeles 加州州立大学洛杉矶分校	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 Lei Zhong 锺磊教授	The Chinese University of Hong Kong 香港中文大学	11/2019
Prof Hua Zhu 祝华教授	University of Birmingham 伯明翰大学	11/2017

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Physical Sciences 自然科学		
Prof Bill Milne (Chairman) (主席)	University of Cambridge 剑桥大学	11/2013
Prof Ralf Bundschuh (Deputy Chairman – Joint Research Schemes) (副主席 – 合作研究计划)	The Ohio State University 俄亥俄州立大学	2/2015
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 Johnny CL Chan 陈仲良教授	City University of Hong Kong 香港城市大学	1/2017
Prof Kwok-sum Chan 陈国森教授	City University of Hong Kong 香港城市大学	2/2016
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 Pauline Chiu 赵竇貽教授	The University of Hong Kong 香港大学	2/2019
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 Gian Francesco Giudice	CERN 欧洲核子研究组织	2/2016
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 Lam Hui 许林教授	Columbia University 哥伦比亚大学	11/2018
Prof ArieH Iserles	University of Cambridge 剑桥大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 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 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 Tai-chu Lau 刘大铸教授	City University of Hong Kong 香港城市大学	3/2018
Prof Ting-kuo Lee 李定国教授	Academia Sinica 中央研究院	2/2016
Prof Young Hee Lee 成均馆大学	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 Jun Li 李骏教授	Stanford University 史丹福大学	11/2018
Prof Weiping Li 李卫平教授	The Hong Kong University of Science and Technology 香港科技大学	3/2018
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
Dr Nga-lee Ng 吴雅莉博士	Georgia Institute of Technology 乔治亚理工学院	3/2020
Prof John R Owen 南安普敦大学	University of Southampton 南安普敦大学	11/2017
Prof Andrey Rogach 香港城市大学	City University of Hong Kong 香港城市大学	3/2018
Prof Qi-man Shao 邵启满教授	The Chinese University of Hong Kong 香港中文大学	12/2018
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 Simon F. B. Tett 爱丁堡大学	The University of Edinburgh 爱丁堡大学	1/2019

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Christopher Tout	University of Cambridge 剑桥大学	3/2018
Prof Jianfang Wang 王建方教授	The Chinese University of Hong Kong 香港中文大学	3/2018
Prof Xiaoping Wang 王筱平教授	The Hong Kong University of Science and Technology 香港科技大学	4/2020
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大学河滨分校	2/2016
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
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 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 2020/21 附录 C：委员会 / 学科小组 2020/21 年度成员名单

Collaborative Research Fund Selection Panel

协作研究金评审小组¹

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 加州大学圣地牙哥分校	7/2017
Professor Pedro J. Alvarez	Rice University 莱斯大学	3/2020
Professor Ki-Joon Back	University of Houston 休士顿大学	3/2020
Dr Amitava Banerjee	University College London 伦敦大学学院	7/2020
Professor Rudolf Bauer 鲍儒德教授	University of Graz 卡尔·弗朗岑斯格拉茨大学	7/2020
Professor Yuri Bazilevs	Brown University 布朗大学	7/2020
Professor Seth Blackshaw	Johns Hopkins University School of Medicine 约翰斯·霍普金斯大学医学院	3/2020
Professor Ronaldo I. Borja	Stanford University 史丹福大学	3/2020
Professor Catherine L. Brinson	Duke University 杜克大学	3/2020
Professor Ralf Bundschuh	The Ohio State University 俄亥俄州立大学	7/2020
Professor Casey Burkholder	University of New Brunswick 纽宾士域大学	7/2020
Professor Joseph Buxbaum	Icahn School of Medicine at Mount Sinai 西奈山伊坎医学院	3/2020
Professor Wesley Cantwell	Khalifa University, Abu Dhabi 阿布扎比哈利法大学	7/2020
Professor Jian Cao 曹简教授	Northwestern University 西北大学	7/2020
Professor Gregory P. Carman	University of California, Los Angeles 加州大学洛杉矶分校	3/2020
Professor Xiuli Chao 赵修利教授	University of Michigan 密芝根大学安娜堡分校	3/2020

¹ CRF Committee was re-titled to CRF Selection Panel and put under the Collaborative Research Projects Steering Committee in June 2021.
协作研究金委员会于2021年6月改称为协作研究金评审小组，并纳入为协作研究项目督导委员会辖下的其中一个评审小组。

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Professor Chang Wen Chen 陈长汶教授	The State University of New York at Buffalo 纽约州立大学水牛城分校	3/2020
Professor Jiun-shyan Chen 陈俊贤教授	University of California, San Diego 加州大学圣地牙哥分校	7/2016
Professor Meng Chen 陈蒙教授	University of California, Riverside 加州大学河滨分校	3/2020
Professor Wang-Ping Chen 陈望平教授	University of Illinois (Urbana-Champaign) 伊利诺大学厄巴纳－香槟分校	3/2020
Professor Ying Cheong	University of Southampton 南安普敦大学	3/2020
Professor Manish Chhowalla	University of Cambridge 剑桥大学	3/2020
Professor George T.C. Chiu 邱祚之教授	Purdue University 普渡大学	7/2020
Dr Rajiv Chowdhury 拉吉夫·乔杜里博士	University of Cambridge 剑桥大学	7/2020
Professor Yip-wah Chung, BBS 锺业华教授, BBS	Northwestern University 西北大学	7/2018
Professor Paul Clark 康浩教授	The University of Auckland 奥克兰大学	7/2014
Professor Zheng Dong 董政教授	Medical College of Georgia at Augusta University 奥古斯塔大学－佐治亚州医学院	3/2020
Professor 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
Dr Marlene Dreux	INSERM (Lyon) 法国国家健康与医学研究院	7/2020
Professor Lucy Dunne	University of Minnesota 明尼苏达大学	7/2020
Professor Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大学洛杉矶分校	8/2017
Professor James Fawcett	University of Cambridge 剑桥大学	11/2019
Professor Eric A. Feldman 费艾克教授	University of Pennsylvania Law School 宾夕法尼亚大学法学院	7/2020
Professor Ronald Fischer	Victoria University of Wellington 威灵顿维多利亚大学	7/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 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)
Dr Pablo Gastaminza	Centro Nacional de Biotecnología 西班牙国家生物技术中心	7/2020
Professor Piper R Gaubatz	University of Massachusetts 麻省大学	7/2020
Professor Gian Francesco Giudice 吉安·弗朗切斯科·朱迪切教授	The European Organization for Nuclear Research (CERN) 欧洲核子研究组织	3/2020
Professor David Stephen Gordon Goodman 古德曼教授	The University of Sydney 悉尼大学	3/2020
Professor Jennifer Rubin Grandis	University of California, San Francisco 加州大学旧金山分校	3/2020
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
Professor Thomas H. Hahn	University of California, Los Angeles 加州大学洛杉矶分校	7/2020
Professor Stephen John Hawkins	University of Southampton 南安普敦大学	3/2020
Professor Tamara Hervey	University of Sheffield 雪菲尔大学	7/2020
Professor Kirill V. Horoshenkov	University of Sheffield 雪菲尔大学	3/2020
Professor Grace Yick Hsuan	Drexel University 德雷塞尔大学	7/2020
Professor Woonghee Tim Huh	University of British Columbia 英属哥伦比亚大学	7/2020
Professor Lam Hui 许林教授	Columbia University 哥伦比亚大学	3/2020
Professor William N Hunter	University of Dundee, Scotland 邓迪大学	3/2020
Professor Chennupati Jagadish	Australia National University 澳洲国立大学	3/2020
Professor Ladd Johnson	Laval University 拉瓦尔大学	3/2020
Professor Raymond Kan 简文豹教授	University of Toronto 多伦多大学	7/2017

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Professor Yibin Kang 康毅滨教授	Princeton University 普林斯顿大学	3/2020
Dr Julia Kenyon	University of Cambridge 剑桥大学	7/2020
Professor Kay Tee Khaw	University of Cambridge 剑桥大学	3/2020
Professor Arthur Kim	Massachusetts General Hospital 麻省总医院	7/2020
Professor Philip T Krein	The University of Illinois at Urbana-Champaign 伊利诺大学厄巴纳-香槟分校	3/2020
Professor Mansun Law	The Scripps Research Institute 斯克里普斯研究所	3/2020
Professor Ting-Kuo Lee 李定国教授	National Sun Yat-sen University, Kaoshiung 国立中山大学	3/2020
Professor Brendan M Leung	Dalhousie University 戴尔豪斯大学	7/2020
Professor Andrew Michael Lever	University of Cambridge 剑桥大学	3/2020
Professor Baochun Li 李葆春教授	University of Toronto 多伦多大学	3/2020
Professor Eddy Foo-yew Liew 刘富友教授	University of Glasgow 格拉斯哥大学	7/2020
Professor Jeffrey Liew	Texas A & M University 德州农工大学	7/2020
Professor Wing Kam Liu 廖荣锦教授	Northwestern University 西北大学	3/2020
Professor Kenneth J Loh	University of California, San Diego 加州大学圣地牙哥分校	3/2020
Professor Nicholas J Long	Imperial College London 伦敦帝国学院	3/2020
Dr Yongxu Lu	University of Cambridge 剑桥大学	7/2020
Professor Gigi Luk 陆智敏教授	McGill University 麦基尔大学	3/2020
Professor Anita Mak 麦吕瑞华教授	University of Canberra 坎培拉大学	7/2017
Professor Chengde Mao 毛诚德教授	Purdue University 普渡大学	7/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Professor Raymond A. Mar	York University 约克大学	7/2020
Professor Bill Milne	University of Cambridge 剑桥大学	9/2017
Dr Hoi Ping Mok	University of Cambridge 剑桥大学	7/2020
Professor Alexandru Morega	University Politehnica of Bucharest 布加勒斯特理工大学	3/2020
Professor Dr Kevin O`Shaughnessy	University of Cambridge 剑桥大学	3/2020
Professor John R Owen	University of Southampton 南安普敦大学	3/2020
Professor George J. Pappas	University of Pennsylvania 宾夕法尼亚大学	7/2020
Professor Witold Pedrycz	University of Alberta 阿尔伯塔大学	7/2020
Professor Jian Pei 裴健教授	Simon Fraser University 西门菲沙大学	3/2020
Dr Alexander Ploss	Princeton University 普林斯顿大学	7/2020
Professor Jonas Rosendahl	University of Halle-Wittenberg 哈雷－维滕贝格大学	3/2020
Professor Carol W. Shanklin	Kansas State University 堪萨斯州立大学	7/2020
Professor 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, Knoxville 田纳西大学诺克斯维尔分校	7/2020
Professor Pei-Yong Shi 史佩勇教授	University of Texas Medical Branch 德克萨斯大学医学分部	7/2020
Professor Jay Siegel 杰伊·西格尔教授	Tianjin University 天津大学	7/2014
Professor Richard Strugnell	The University of Melbourne 墨尔本大学	7/2016
Professor Steve Waiching Sun 孙维正教授	Columbia University 哥伦比亚大学	7/2020
Professor Peng Sun 孙彭教授	Duke University 杜克大学	7/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Professor David T. Takeuchi	University of Washington 华盛顿大学	3/2020
Professor Hong Tang	Yale University 耶鲁大学	3/2020
Professor Dacheng Tao 陶大程教授	The University of Sydney 悉尼大学	7/2020
Professor Michael Tawa	The University of Sydney 悉尼大学	7/2020
Professor Simon F.B. Tett	University of Edinburgh 爱丁堡大学	3/2020
Professor Christopher Tout	University of Cambridge 剑桥大学	3/2020
Professor Rosalie Tung 董林雪英教授	Simon Fraser University 西门菲莎大学	7/2020
Professor Xiao-Fan Wang 王小凡教授	Duke University 杜克大学	3/2020
Professor Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大学河滨分校	3/2020
Professor Ferranti See Leng Wong	Queen Mary University of London 伦敦大学玛丽皇后学院	3/2020
Professor Nancy Wong	University of Wisconsin-Madison 威斯康星大学麦迪逊分校	3/2020
Professor Dapeng Oliver Wu 吴大鹏教授	University of Florida 佛罗里达大学	7/2020
Professor Weiping Wu 吴维平教授	Columbia University 哥伦比亚大学	3/2020
Professor Tao Xie 谢涛教授	Peking University 北京大学	3/2020
Professor Yushan Yan 严玉山教授	University of Delaware 特拉华大学	3/2020
Professor Cary Yang 杨远伟教授	Santa Clara University 圣塔克拉拉大学	3/2020
Professor Xian-Jie Yang	UCLA School of Medicine 加州大学洛杉矶分校医学院	3/2020
Professor Edward S Yeung 杨仕成教授	Iowa State University 爱荷华州立大学	7/2014
Professor Hongtao Yu 于洪涛教授	The University of Texas 德克萨斯州大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 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)
Professor May Yuan 袁玫教授	The University of Texas at Dallas 德克萨斯州大学达拉斯分校	3/2020
Professor Mei Zhan 詹梅教授	University of California, Irvine 加州大学尔湾分校	7/2020
Professor Tian Cheng Zhang 张天成教授	Columbia University 哥伦比亚大学	3/2020
Professor Michael Q Zhang 张奇伟教授	The University of Texas at Dallas 德克萨斯州大学达拉斯分校	7/2020
Professor Tao Zhang 张涛教授	Chinese Academy of Sciences 中国科学院	3/2020
Professor Huibing Harold Zhang 张慧冰教授	The University of Texas at Dallas 德克萨斯州大学达拉斯分校	7/2020
Professor Chunfeng Zhao 赵春风教授	Mayo Clinic 梅约临床医学院	3/2020
Professor Ming Hao Zheng 郑铭豪教授	The University of Western Australia 西澳大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 年度成员名单

Collaborative Research Projects Steering Committee (formerly Major Projects Steering Committee) 协作研究项目督导委员会 (前身为「大型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 加州大学洛杉矶分校	6/2021
Prof James Fawcett	University of Cambridge 剑桥大学	6/2021
Prof Raymond Kan 简文豹教授	University of Toronto 多伦多大学	6/2021
Prof Bill 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 加州大学圣地牙哥分校	6/2021

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 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 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 Gregory P Carman	University of California, Los Angeles 加州大学洛杉矶分校	4/2020
Prof Sabri Cetin	University of Illinois at Chicago 伊利诺大学芝加哥分校	3/2020
Prof Jiun-shyan Chen 陈俊贤教授	University of California, San Diego 加州大学圣地牙哥分校	7/2016
Prof Wang-ping Chen 陈望平教授	University of Illinois 伊利诺大学	3/2020
Prof Paul Clark	The University of Auckland 奥克兰大学	4/2020
Prof Cindy Fan 范芝芬教授	University of California, Los Angeles 加州大学洛杉矶分校	7/2018
Prof James Fawcett	University of Cambridge 剑桥大学	9/2019
Prof David S G Goodman	Xi'an Jiaotong-Liverpool University 西交利物浦大学	3/2020
Prof Tim Woonghee Huh	University of British Columbia 英属哥伦比亚大学	3/2020
Prof Lam Hui 许林教授	Columbia University 哥伦比亚大学	3/2020
Prof H V Jagadish	University of Michigan 密芝根大学	3/2018
Prof Raymond 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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Kay Tee Khaw	University of Cambridge 剑桥大学	3/2020
Prof Mansun Law	The Scripps Research Institute 斯克里普斯研究所	3/2020
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	Sungkyunkwan University 成均馆大学	3/2020
Prof Wing-kam Liu 廖荣锦教授	Northwestern University 西北大学	3/2016
Prof Fanxin Long	University of Pennsylvania 宾夕法尼亚大学	3/2020
Prof Geraldine Macdonald	University of Bristol 布里斯托大学	3/2020
Prof Bill Milne	University of Cambridge 剑桥大学	9/2017
Prof Jonas Rosendahl	University of Halle-Wittenberg 哈雷－维滕贝格大学	3/2020
Prof Jay Siegel	Tianjin University 天津大学	3/2018
Prof Simon F B Tett	The University of Edinburgh 爱丁堡大学	3/2020
Prof Masayoshi Tomizuka 冨冢诚义教授	University of California, Berkeley 加州大学柏克莱分校	3/2020
Prof Rosalie L Tung 董林雪英教授	Simon Fraser University 西门菲莎大学	4/2020
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大学河滨分校	1/2016
Prof William M Worek	Texas A&M University - Kingsville 德克萨斯州农工大学金斯维尔分校	1/2016
Prof Hongtao Yu 于洪涛教授	University of Texas 德克萨斯州大学	4/2020
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加州大学圣地牙哥分校	3/2018
Prof Harold Zhang 张慧冰教授	University of Texas at Dallas 德克萨斯州大学达拉斯分校	3/2020
Prof Xiaodong Zhu 朱晓冬教授	University of Toronto 多伦多大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 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 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
Dr Hon-fai Chan 陈汉辉博士	Cinotech Consultants Limited	8/2019
Prof Jiun-shyan Chen 陈俊贤教授	University of California, San Diego 加州大学圣地亚哥分校	8/2018
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 加州大学洛杉矶分校	8/2017
Prof James Fawcett	University of Cambridge 剑桥大学	9/2019
Prof Raymond 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 Wing-kam Liu 廖荣锦教授	Northwestern University 西北大学	11/2015
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 Bill Milne	University of Cambridge 剑桥大学	9/2019

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
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 Jay Siegel	Tianjin University 天津大学	7/2016
Prof Richard Strugnell	The University of Melbourne 墨尔本大学	7/2020
Prof Masayoshi Tomizuka 冨冢诚义教授	University of California, Berkeley 加州大学柏克莱分校	11/2015
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 Hongtao Yu 于洪涛教授	University of Texas 德克萨斯州大学	4/2020
Prof Paul K L Yu 余劫离教授	University of California, San Diego 加州大学圣地牙哥分校	7/2015
Prof Harold Zhang 张慧冰教授	University of Texas at Dallas 德克萨斯州大学达拉斯分校	10/2018
Prof Xiaodong Zhu 朱晓冬教授	University of Toronto 多伦多大学	11/2017

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Health Science Centre 德克萨斯大学医学中心	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 宾夕凡尼亚大学	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
Prof Tamara Hervey	City University of London 伦敦城市大学	5/2018
Prof Brad Holschuh	University of Minnesota 明尼苏达大学	3/2021

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 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 Song Jin	University of Wisconsin, Madison 威斯康辛大学麦迪逊分校	3/2021
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 加州大学伯克利分校	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 加州大学伯克利分校	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, Knoxville 田纳西大学诺克斯维尔分校	4/2018
Prof Wing-kam Liu 廖荣锦教授	Northwestern University 西北大学	3/2018
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 谢菲尔德大学	5/2018

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 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 Ray Owens	University of Oxford 牛津大学	4/2018
Prof Jian Pei 裴健教授	Simon Fraser University 西门菲莎大学	5/2018
Prof Luis Perez-Gonzalez	University of Agder 阿格德尔大学	3/2021
Mr Michael Pidd	The University of Sheffield 谢菲尔德大学	5/2018
Prof Dong Qian	University of Texas at Dallas 德克萨斯州大学达拉斯分校	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 Dapeng Oliver Wu 吴大鹏教授	University of Florida 佛罗里达大学	4/2018
Prof Won-Sub Yoon	Sungkyunkwan University 成均馆大学	4/2018
Prof Raymond Yung	University of Michigan 密西根大学	4/2018
Prof Yongjie Jessica Zhang	Carnegie Mellon University 卡尼基美隆大学	5/2018
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 2020/21 附录 C：委员会／学科小组 2020/21 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)	The Open University of Hong Kong 香港公开大学	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 2020/21 附录 C：委员会／学科小组 2020/21 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 Che-ting Chan (Subject Convenor (Physical Sciences)) 陈子亭教授 (学科召集人(自然科学))	The Hong Kong University of Science and Technology 香港科技大学	2/2016
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	3/2016
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 Allan Kit-kwong Chan 陈洁光教授	The Open University of Hong Kong 香港公开大学	3/2018
Prof Ngai-hang Chan 陈毅恒教授	The Chinese University of Hong Kong 香港中文大学	3/2018

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Felix Tung-sun Chan 陈东燊教授	The Hong Kong Polytechnic University 香港理工大学	3/2017
Prof Christy Mei-kwan Cheung 张美君教授	Hong Kong Baptist University 香港浸会大学	3/2019
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 David Faure 科大卫教授	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 Sylvia Ying He 何颖教授	The Chinese University of Hong Kong 香港中文大学	3/2020
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 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 Paul Sau-him Lau 刘修谦教授	The University of Hong Kong 香港大学	3/2020
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 Joe Shing-yip Lee 李成业教授	The Chinese University of Hong Kong 香港中文大学	3/2021
Prof Wu Liu 刘武教授	The Hong Kong Polytechnic University 香港理工大学	3/2021
Prof Barbara Chuen-yee Lo 罗传意教授	Lingnan University 岭南大学	3/2020
Prof Wilson Wei-sheng Lu 吕伟生教授	The University of Hong Kong 香港大学	3/2018
Prof Tony Hong-wing Tam 谭康荣教授	The Chinese University of Hong Kong 香港中文大学	3/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Chiu-kay Tang 邓昭祺教授	Chu Hai College of Higher Education 珠海学院	3/2016
Prof Man-lai Tang 邓文礼教授	The Hang Seng University of Hong Kong 香港恒生大学	4/2016
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 Hong-xing Yang 杨洪兴教授	The Hong Kong Polytechnic University 香港理工大学	3/2020
Prof Zhong-ping Yao 姚锺平教授	The Hong Kong Polytechnic University 香港理工大学	3/2019
Prof Carine Yuk-man Yiu 姚玉敏教授	The Hong Kong University of Science and Technology 香港科技大学	3/2021
Prof Kin-man Yu 余健文教授	City University of Hong Kong 香港城市大学	3/2018
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

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Humanities, Social Sciences and Business Studies 人文学、社会科学及商科		
Prof Alister Cumming (Chairman) (主席)	University of Toronto 多伦多大学	12/2019
Prof Naren Barfield	Royal College of Art 皇家艺术学院	01/2020
Prof Jeremy Brown	Simon Fraser University 西门菲莎大学	01/2020
Prof Frank Dikotter	The University of Hong Kong 香港大学	01/2020
Prof Mark Feldman	Peking University 北京大学	01/2020
Prof Henk Folmer	University of Groningen 格罗宁根大学	01/2020
Prof William C Gartner	University of Minnesota 明尼苏达大学	01/2020
Prof Flora Gu	The Hong Kong Polytechnic University 香港理工大学	01/2020
Prof Guangwei Hu	The Hong Kong Polytechnic University 香港理工大学	01/2020
Prof Arthur Kramer	Northeastern University 东北大学	01/2020
Prof Julie Juan Li 李娟教授	City University of Hong Kong 香港城市大学	01/2020
Prof Kwai-cheung Lo	Hong Kong Baptist University 香港浸会大学	01/2020
Prof Catherine McBride	The Chinese University of Hong Kong 香港中文大学	01/2020
Prof Michelle Norris	University College Dublin 都柏林大学	01/2020
Prof Grace Pownall	Emory University 埃默里大学	01/2020
Prof Nirmala Rao	The University of Hong Kong 香港大学	01/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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 Linda Siegel	University of British Columbia 英属哥伦比亚大学	01/2020
Prof Aristotelis Stouraitis	Hong Kong Baptist University 香港浸会大学	01/2020
Prof Chee-yew Wong	University of Leeds 列斯大学	01/2020
Prof Evaon Wong-Kim	California State University, Los Angeles 加州州立大学洛杉矶分校	01/2020
Prof Xiaogang Wu 吴晓刚教授	The Hong Kong University of Science and Technology 香港科技大学	01/2020
Prof Guobin Zhu	City University of Hong Kong 香港城市大学	01/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Sciences, Medicine, Engineering and Technology 科学、医学、工程及科技		
Prof Richard Strugnell (Chairman) (主席)	The University of Melbourne 墨尔本大学	12/2019
Prof Angela Casini	Technical University of Munich 慕尼黑工业大学	01/2020
Prof Andrew Man-lok Chan	The Chinese University of Hong Kong 香港中文大学	01/2020
Prof Shuk-han Cheng 郑淑娴教授	City University of Hong Kong 香港城市大学	01/2020
Prof Siu-wing Cheng 郑绍荣教授	The Hong Kong University of Science and Technology 香港科技大学	01/2020
Prof Manish Chhowalla	University of Cambridge 剑桥大学	01/2020
Prof Matthis Ebert	Heidelberg University 海德堡大学	01/2020
Prof Amr Elnashai	University of Houston 休士顿大学	01/2020
Prof Brian Ford-Lloyd	University of Birmingham 伯明翰大学	01/2020
Prof Robin L. Garrell	University of California, Los Angeles 洛杉矶加利福尼亚大学	01/2020
Prof Makarand Hastak	Purdue University 普渡大学	01/2020
Prof Judy Jionghua Jin	University of Michigan 密西根大学	01/2020
Prof Baochun Li 李葆春教授	University of Toronto 多伦多大学	01/2020
Prof Jon Mills	Newcastle University 纽卡斯尔大学	01/2020
Prof Barbara Krystyna Pierscionek	Nottingham Trent University 诺丁汉特伦特大学	01/2020
Prof Laura Poole-Warren	University of New South Wales 新南威尔斯大学	01/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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	01/2020
Prof Jay X Tang	Brown University 布朗大学	01/2020
Prof Huating Wang 王华婷教授	The Chinese University of Hong Kong 香港中文大学	01/2020
Prof Zuankai Wang	City University of Hong Kong 香港城市大学	01/2020
Prof Rudolf Shiu-sun Wu	The Education University of Hong Kong 香港教育大学	01/2020
Prof Jianliang Xu	Hong Kong Baptist University 香港浸会大学	01/2020
Prof Xiaoqi Yang 杨晓琪教授	The Hong Kong Polytechnic University 香港理工大学	01/2020
Prof Jianzhen Yu 郁建珍教授	The Hong Kong University of Science and Technology 香港科技大学	01/2020
Prof Jie George Yuan	The Hong Kong University of Science and Technology 香港科技大学	01/2020
Prof Pong-chi Yuen 阮邦志教授	Hong Kong Baptist University 香港浸会大学	01/2020
Prof Benjamin Yung	The Hong Kong Polytechnic University 香港理工大学	01/2020
Prof Ruiqin Zhang 周瑞勤教授	City University of Hong Kong 香港城市大学	01/2020
Prof Jun Zou	The Chinese University of Hong Kong 香港中文大学	01/2020

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会／学科小组 2020/21 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)
Humanities, Social Sciences and Business Studies Selection Panel 人文学、社会科学及商科遴选小组		
Prof Paul Clark (Chair)	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 Ronald Fischer	Victoria University of Wellington 威灵顿维多利亚大学	2/2021
Prof Zhuo Jing-Schmidt 井苗教授	University of Oregon 俄勒冈大学	2/2020
Prof Raymond Kan 简文豹教授	University of Toronto 多伦多大学	2/2020
Prof Gigi Luk 陆智敏教授	McGill University 麦基尔大学	2/2020
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 Nancy Wong	University of Wisconsin-Madison 威斯康星大学麦迪逊分校	2/2020
Prof Weiping Wu 吴维平教授	Columbia University 哥伦比亚大学	2/2021
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 2020/21 附录 C：委员会 / 学科小组 2020/21 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)
Science, Technology, Engineering and Mathematics Selection Panel 科学、科技、工程及数学遴选小组		
Prof Adrian Dixon	University of Cambridge 剑桥大学	1/2020
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	2/2021
Prof Ying Cheong	University of Southampton 南安普敦大学	2/2020
Prof Thomas Efferth	Johannes Gutenberg University 约翰尼斯·古腾堡-美茵兹大学	2/2020
Prof Gian Francesco Giudice	CERN 欧洲核子研究组织	2/2020
Prof Andrew Lever	University of Cambridge 剑桥大学	2/2021
Prof Yiu-wing Mai 米耀荣教授	The University of Sydney 悉尼大学	2/2020
Prof Bill 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 George J. Pappas	University of Pennsylvania 宾夕法尼亚大学	2/2021
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
Prof Dacheng Tao 陶大程教授	The University of Sydney 悉尼大学	2/2021

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 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 Simon F. B. Tett	The University of Edinburgh 爱丁堡大学	2/2020
Prof Xiao-fan Wang 王小凡教授	Duke University 杜克大学	2/2021
Prof Yinsheng Wang 汪寅生教授	University of California, Riverside 加州大学河滨分校	2/2020
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 2020/21 附录 C：委员会／学科小组 2020/21 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 Guoping Feng (Chairman) 冯国平教授 (主席)	Massachusetts Institute of Technology 麻省理工学院	2/2015
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 Raghavendra Rau	University of Cambridge 剑桥大学	8/2017
Prof Paul K L Yu 余劭离教授	University of California, San Diego 加州大学圣地牙哥分校	8/2019

Appendix C: Committee / Panel Membership 2020/21 附录 C：委员会 / 学科小组 2020/21 年度成员名单

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
Professor Phillip Phan Hin-choi 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

香 港 研 究 资 助 局

7/F., Shui On Centre, 6-8 Harbour Road,
Wanchai, Hong Kong.

香港湾仔港湾道6至8号瑞安中心7楼

Tel 电话: (852) 2524 3987

Fax 传真: (852) 2845 1596

E-mail 电邮: rgc@ugc.edu.hk

Homepage 网址: www.rgc.edu.hk