Research Lifecycle

Please click on the modular section under each stage below for enhancement updates.

STAGE I

Plan & Design

STAGE II

Proposal submission
& Pre-award
management

STAGE III

Set-up,
Active Research &
Post-award
Management

STAGE IV

Report & Publication

STAGE V

Dissemination & Technology Transfer

Mainland Grants Opportunities

Potential Mainland Collaborators

Industry Sponsorship for Grant Applications

Literature Review

Mainland Funding Schemes
Applications

Grant Applications

Accounting Management

Inventory Management

Procurement

Staff Recruitment

Mainland Staff Recruitment

Mainland Projects Postaward Management

Research Computing & Data Storage

Research Facilities
Management

Research Output Management

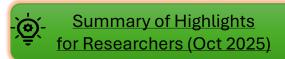
Mainland Grants Record

Intellectual Property Rights
Management

Agreement Templates

Commercialization

Technology Transfer



Proposal submission & Pre-award management Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

MRPO

Mainland Grants Opportunities

Potential Mainland Collaborators

Cross-border Funding Opportunities

Calls enlisted on MRPO website are clearly marked as "for direct applications in Hong Kong" for PIs' easy reference

Funding Opportunities

List of Collaborators' Information

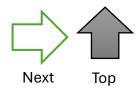
Share a list of previous mainland collaborators
based on data in RIMS or HKU Scholars Hub
(with ITS' support) upon request

TTO (Versitech)

Industry Sponsorship for Grant Applications

Matching with Industrial Collaborators

Line up partnership opportunities for PIs to secure industry or venture capital funding support for ITF proposals/projects



Proposal submission & Pre-award management Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

Libraries

Literature Review

"HKUL Search Assistant" browser plugin

(upon downloading the tool)
Redirect users from publishers'
website to HKU sign-in page for
access to subscribed eresources

LibGuide

Interlibrary Loan (ILL) and Article Delivery Services

ccess to resources from other
UGC-funded libraries in Hong
Kong and more institutions
worldwide

ILL

Digital Scholarship Services

Support PIs to digitalize nontraditional research outputs such as Digital Humanities Initiatives under engagement with Arts Technology Lab

DSS

HKUL Resources/Services:

Database of the Month, Spotlight resources, Library
Tips Series, MicroLearning@HKUL, HKU Libraries Blog,
Researcher Connect Blog, training workshops and
online courses







Enhanced Communication with Users:

- Contact us webpage
- (Email-a-Librarian, Research Consultations)
- Subject Librarians' (<u>link</u>) outreach to new scholars via email and Faculty Board meetings to promote HKUL services
- Bi-annual user surveys to collect feedback from users

Library Collection Update:

- Subscription of researcher-recommended resources upon evaluation;
- Regular review of existing resources for accuracy and completeness;
- System integration with subscribed publication providers for up-to-date electronic resources availability



Proposal submission & Pre-award management

Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

MRPO

Mainland Funding Schemes Applications

Chinese Language Support

Consolidate a list of service providers offering translation and editing services in simplified Chinese to support grant proposal preparation

Chinese Editing

Funding Success Sharing

Organize occasional sharing sessions by successful PIs

RS

Grant Applications

Research Information Management System (RIMS)

- Consolidate research grants, agreements and enhanced Research Outputs system into one single platform for PIs convenience and easy access
- Integrated with FEO system, enabling PIs of grants and agreements to commence funding usage more efficiently, i.e. <u>1-2 days</u> after account code is available in RIMS

RIMS / User Guide / User Guide (Agreement)

Training/Mentorship on Grant Applications

Sponsor Faculties' discipline-specific training workshops and external review of proposals for RGC GRF/ECS applications



Set-up, **Active Research & Post-award** Management

FEO

Accounting Management

Inventory **Management**

Procurement

Project Account Management

Reimbursements **Payment**

Digitalization / System

Financial Reporting Disposal of Obsolete Equipment

Procurement/Tendering Process

Account Opening

Full budget usage in a few days after the code is available in RIMS. with automation of expenditure code creation

Invoice Payment/ Payment to nonbusiness vendor (e.g. guest speaker,

external examiner) Average processing time is ~2 weeks

eForms System

Paperless procedures for system access right application, and authorization for payment requests to staff (e.g. inventory/ asset items) and students

eForms

Financial/Audit Reports

Draft reports are sent to PIs via email for review before formal submission

DIS e-Disposal

Speed up the process with the measures below:

- (i) fixed asset threshold uplifted from HK\$15K to HK\$30K;
- (ii) approval streamlined;
- (iii) Robotic Process Automation (RPA).

Suppliers' Online Registration

Streamlined the information needed to speed up the registration of new suppliers

e-Procurement System Guide

Step-by-step guide and Oracle Guided Learning (OGL) for self-help

Annual Workshop

Reinforce key policy and procedural updates, and share practical tips on using the e-Procurement system

Central Procurement Team

Dedicated managers for tendering of specialized categories

Expense Claim App (ECA) & eForms

Expedite payment process to allow timely update of account balance on-line

Financial Analytics

Dashboard (FAD)

Financial Information Dashboard (FID)

replace FIES to provide

dynamic project

iExpenses (for staff claims)

Pls can appoint proxies to input reimbursement claims in iExpenses System (web version only)

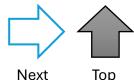
HKU Portal Approval Widget

Include pending approval tasks from some FEO systems, e.g. e-Procurement system, CAG, FCF, DIS-Disposal, **OPMS** for easy processing

Close Monitoring on Outstanding Cases

pending cases in FEO systems by FEO's management

Weekly review of



account balance

Proposal submissior & Pre-award management

Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

RS

Internal Grants Usage Relaxation

Staff Appointments Up to RAP Level

Relaxed to support staff cost up to PDF and RAP (rather than Research Assistant I in the past)

Budget Virement Approval Uplifted

Budget virement among the approved sub-heads is not required, with the exceptions of (a) a substantial increase of overseas traveling; or (b) a new budget sub-head not covered in the original proposal.

HRO

Staff Recruitment

Streamlined Advertising Process

Advertisements for research staff vacancies can be posted directly by departmental recruiters to local and overseas venues

Streamlined Process

Salary Reform

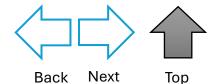
Use of salary ranges (instead of fixed salary points) offers greater flexibility in hiring research staff

Salary Ranges

Streamlined Appointment Procedures with Reduced Approval Levels

(Re-)appointments of research staff do not need to go through the Faculty HR Committee or Dean (save for unitary faculties)

Streamlined Appointment
Procedures



Proposal submission & Pre-award management

Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

MRPO

Mainland Staff Recruitment

Mainland Projects Post-award Management

Support from SIRI

Contact Ms. Rebecca Sun (<u>rebeccasun@hku.hk</u>)
to post job advertisements on SIRI website and <u>51job (前程无忧)</u>,
the largest recruitment platform in the Mainland

SIRI Research Project Management Handbook

Compiled with <u>Reimbursement Claim Summary</u>
to introduce administrative procedures and relevant forms
for managing mainland research projects under SIRI

Handbook

ITS

Research Computing & Data Storage

Research Data Storage

Provide secure storage for research data under HPC2021 platform, Research Data Repository and Cloud Data Research Archive (CDRA) service

HPC2021/ Datahub / CDRA

Research Computing

Provide centralized High-Performance Computing (HPC) resources to support computationally intensive researches in Artificial Intelligence (AI) and HPC areas

Research Computing

Specialized Research Software

Provide advanced software for modelling, simulation and data analysis including HPC tools, SPSS, SAS, and MATLAB

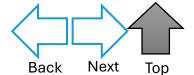
Research Software

Consultation Services

Dedicated support to researchers in optimizing computing resources for specific needs

Hardware and Software Upgrades

Regular implementation of hardware and software updates to align with evolving technological advancements



Proposal submissior & Pre-award management

Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

<u>EO</u>

Research Facilities Management

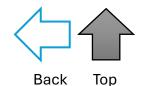
Implementation of electronic Building Alteration Works (eBAW) system

Respond to users' online BAW and maintenance works order within 10 days

ARAM

Increased Flexibility on Minor Work Tasks

Allow departments or users to handle minor works or issues on their own upon EO's assessment



Proposal submission & Pre award management

Set-up, Active Research & Post-award Management

Report & Publication

Dissemination & Technology Transfer

Libraries

<u>RS</u>

Research Output Management

Import of Journal Articles into RIMS

Synchronize newly published articles from Scopus for confirmation by HKU researchers upon receipt of email notifications, reducing manual inputs

Imported Article Project

MRPO

Mainland Grants Record

Funding Records in RIMS

Awarded projects with funding received by HKU are imported into RIMS for complete grant record and reporting in Academic Portfolio of Achievements (APA)



Proposal submissior & Pre-award management

Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

TTO

Intellectual Property Rights Management

Agreement Templates

Invention Disclosure Form (IDF)

- Revise the Form to accelerate patent filing process
- Organize occasional
 workshops to
 introduce the Form,
 process and tips for
 patent applications

<u>IDF</u>

Patent Application

Pocket Guide (link)

Summarize key points and practical tips of invention disclosure and patent evaluation processes for IDF preparation

Workshops(link)/Seminars

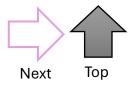
- Introduce TTO's patent
protection service via regular
emails and IP talks
- Collaborate with Faculties
to arrange discipline-specific
workshops to introduce
TTO's IP support services
- US patent attorneys to
share insights on patent filing
strategies and
commercialization (link)

Research Agreements for Mainland

use in different situations,
e.g.
mainland research funding
schemes; or research
collaborations with
industries* or academic

Agreement Templates

* Please contact Versitech for advice on <u>business terms</u> related to contract/sponsored research.



Proposal submissior & Pre-award management

Set-up, Active Research & Post-award Management

Report & Publication

Dissemination & Technology Transfer

TTO (Versitech)

Commercialization

Technology Transfer

Strategic Research Coordination with Joint-Lab and Joint-Research Centre Initiatives:

Strengthen crossdisciplinary partnerships for translating strategic researches into industry

GeTech
China Mobile Joint Centre

Strategic Partnership with Industries

Annual Industry Forum (link):

Connect PIs with industry leaders to explore collaboration and spin-off development

Annual Demo Day (link):

coordinate PIs to present research projects to potential investors and attract funding and partnerships

Marketing Events (link):

Support research teams to attend annual events like ASGH, Medical Fair, TechInnovation etc. to showcase innovations and engage potential commercial partners

Site Visits:

Accompany PIs to explore collaboration opportunities through site visits to government and industry partners' facilities

Specialized Support and Training

Open House Events:

- Provide personalized advice and support to PIs and students by Versitech and TTO:
- Plan to offer crossfunctional support in collaboration with other inits under VP(R) Office

Collaboration with Faculties and Departments:

Provide tailored guidance on commercialization athways and opportunities

Outreach to Pls:

Share with PIs relevant industry contacts that match with their research projects

Support and Training Resources

"MIT Insights" Webinar Series (Link):

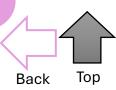
Introduce good practice of technology transfer with topics covered on entrepreneurship training, filing strong patents, etc.

Technology Transfer Training Program:

Engage external
consultants to provide
instructions on business
planning and
commercialization
strategies, and coaching
to launch spin-offs and
startups

Commercialization Training and Information Sessions:

Collaborate with
Faculties and
departments to broade
awareness, knowledge
and commercialization
capacity



Proposal submission
& Pre-award
management

Set-up,
Active Research &
Post-award
Management

Report & Publication

Dissemination & Technology Transfer

Please click on the tab for enhancement updates in each office.

FEO HRO RS MRPO TTO TTO (Versitech) Libraries ITS EO

KEY

EO - Estates Office

FEO – Finance and Enterprises Office

HRO - Human Resources Office

ITS - Information Technology Services

Lib – University Libraries

MRPO - Mainland Research Projects Office

RS - Research Services

TTO - Technology Transfer Office





Set up, Active Research & Post-award Management

"Efficiency"

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"E-initiatives"

Expense Claim App (ECA) & eForms: Expedite payment process to allow timely update of account balance on-line ECA

iExpenses (for staff claims): Pls can appoint proxies to input reimbursement claims in iExpenses System (web version only) iExpenses

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"Process Review & Streamlining"

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Streamlined Appointment Procedures





Proposal submission & Pre-award management

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Report & Publication

Import of Journal Articles into RIMS: Synchronize newly published articles from Scopus for confirmation by HKU researchers upon receipt of email notifications, reducing manual inputs Imported Article Project





Plan & Design

Cross-border Funding Opportunities: Calls enlisted on MRPO website are clearly marked as "for direct applications in Hong Kong" for PIs' easy reference Funding Opportunities

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Report & Publication

MRPO-administered Mainland Grants Record in RIMS: Awarded projects with funding received by HKU are imported into RIMS for complete grant record and reporting in Academic Portfolio of Achievements (APA)





Dissemination & Technology Transfer

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Research Agreements for Mainland Collaborations: Tailored templates for PIs' use in different situations, e.g. mainland research funding schemes; or research collaborations with industries* or academic institutions Agreement Templates * Please contact Versitech for advice on business terms related to contract/sponsored research.





Plan & Design

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Dissemination & Technology Transfer

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Plan & Design

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Interlibrary Loan (ILL) and Article Delivery Services: Access to resources from other UGC-funded libraries in Hong Kong and more institutions worldwide ILL

Digital Scholarship Services: Support PIs to digitalize non-traditional research outputs such as Digital Humanities Initiatives under engagement with Arts Technology Lab DSS

HKUL Resources/Services: (i) <u>Database of the Month, Spotlight resources, Library Tips Series, MicroLearning@HKUL, HKU Libraries Blog, Researcher Connect Blog, training workshops and online courses;</u> (ii) Enhanced Communication with Users - <u>Contact us</u> webpage (Email-a-Librarian, Research Consultations); Subject Librarians (<u>link</u>)'s outreach to new scholars via email and Faculty Board meetings to promote HKUL services; Bi-annual user surveys to collect feedback from users; (iii) Library Collection Update - Subscription of researcher-recommended resources upon evaluation; Regular review of existing resources for accuracy and completeness; System integration with subscribed publication providers for up-to-date electronic resources availability

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Set-up, Active Research & Post-award Management

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Computing

Specialized Research Software: Provide advanced software for modelling, simulation and data analysis including HPC tools, SPSS, SAS, and MATLAB Research Software

Consultation Services: Dedicated support to researchers in optimizing computing resources for specific needs

Hardware and Software Upgrades: Regular implementation of hardware and software updates to align with evolving technological advancements





Set-up, Active Research & Post-award Management

Implementation of electronic Building Alteration Works (eBAW) system: Respond to users' online BAW and maintenance works order within 10 days eBAW

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