

Summer Research Fellowship (SRF) & Overseas Research Fellowship (ORF) Schemes

2023-24



Rundown



01

Objectives

02

Requirements and application procedures

03

Sharing by Experiential Learning Ambassadors

04

Q & A

Objectives

- Enable students to attempt specific research topics that cater to their individual interest and ability
- Encourage students to take initiative and play a more active role in their own learning
- Provide a platform for students to integrate theory and practice, and to understand limitations of their current knowledge
- Engage students in research of their major science discipline

Requirements and Application Procedures

SRF VS ORF

	SRF	ORF
Location	Within the Science School/Departments or the School of Biomedical Sciences	Overseas institutions
Subsidy	A stipend of HK\$16,000*	A stipend of HK\$16,000* plus airfare on a reimbursement basis (80% of the actual airfare and capped at HK\$12,000 in maximum)

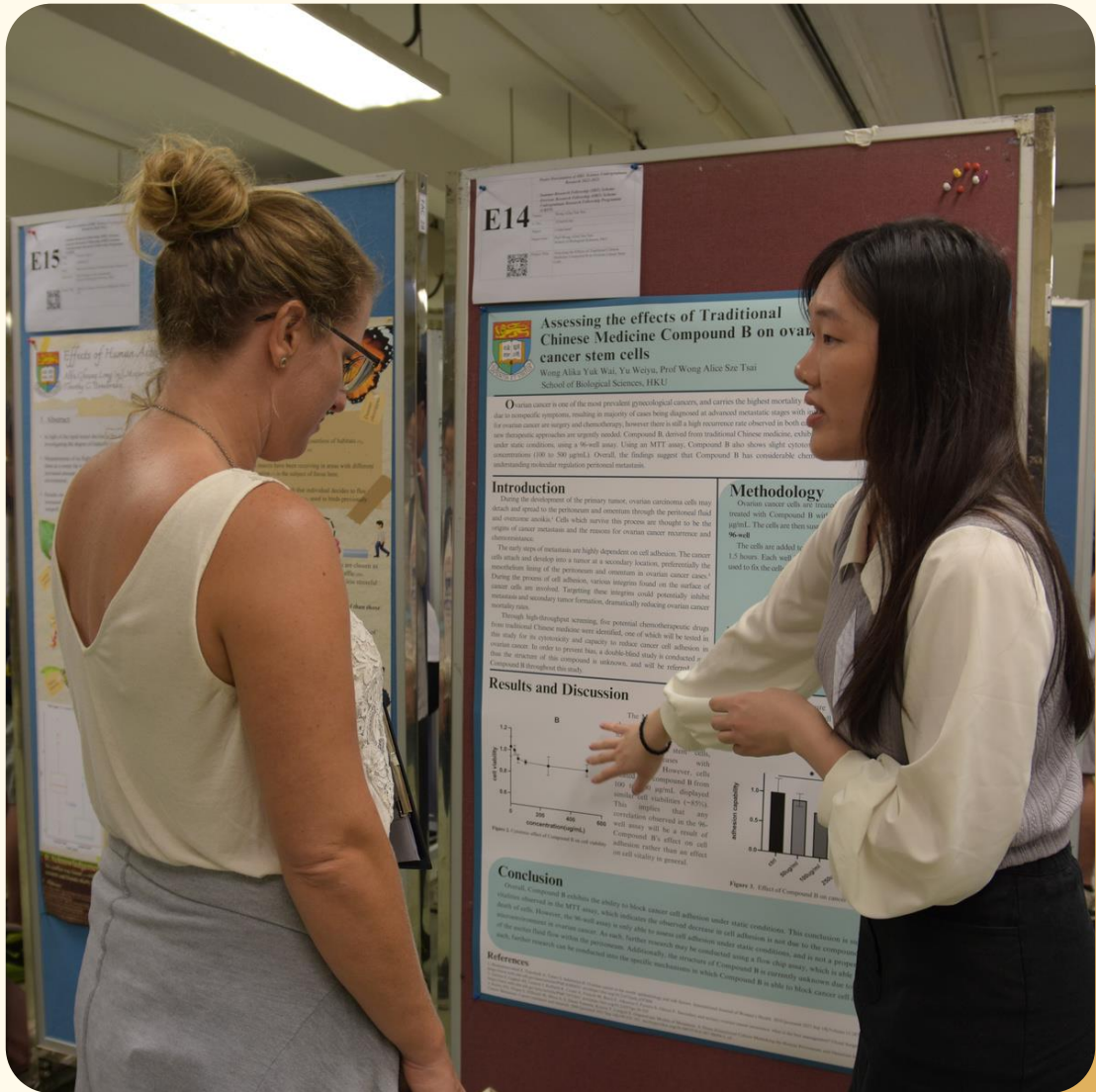
Remarks:

* Successful applicants are NOT allowed to receive sponsorship from other funding sources for the same research project.

Requirements

1. Complete the research project (duration is **at least 2 months**) under the supervision of research supervisors (both external and internal supervisors are required for the ORF Scheme)
2. Submit a research synopsis of 500 – 1,000 words on your project, a short passage of programme sharing, and a poster in September 2024 (for all participants)
3. Participate in the **Poster Presentation** in October 2024 (for all participants)
4. Attend the **Research Colloquium** in October/November 2024 (five to six best poster presenters will give an oral presentation in the Research Colloquium)

Poster Presentation



Research Colloquium



Eligibility

- Non-final year BSc, BSc&MRes, BSc&LLB, BSc(ActuarSc) and BASc(AppliedAI) students
- Recommendation of a prospective supervisor
- To better prepare students for conducting research, students who participated or will participate in SRF/ORF Scheme **must take and pass SCNC3111 Frontiers of science honours seminar course**. Course description can be found at https://webapp.science.hku.hk/sr4/servlet/enquiry?Type=Course&course_code=SCNC3111
- Given the limited quotas and to allow more students to have this valuable research learning experience, **past participants of SRF/ORF Scheme CANNOT apply for the same fellowship scheme which they had previously participated**

Students who do not take the course will **NOT** (i) receive the stipend and (ii) have the participation of fellowship recorded in their academic transcripts.

(Exception: Students pre-accepted to the 'Young Scientist Scheme (YSS)' have been guaranteed of a place to participate in the SRF Scheme in the summer after the completion of their first year of study, and have further opportunities to participate in other undergraduate research schemes (such as another SRF or ORF) in subsequent years subject to satisfactory academic performance.)

Application Procedures

1. Search for your interest area

Examples of topics in past years:

- Territorial analysis for ratemaking
- Investigation of serine sensitivity in *Salmonella enterica*
- Trend prediction of global temperature changed by analyzing satellite data
- Exotic option pricing under regime-switching model
- Crystallization of X-ray structural elucidation of a disease-causing small peptide
- The laser cooling and Bose - Einstein condensation in ultra cold atoms
- Molecular cloning of claudin-11 gene in *Oryzias melastigma*

Please visit the Faculty's website for more information about:

1. Previous SRF/ORF participants' research topics and supervisors
2. Research opportunities from Science School/Departments

Link: <https://www.scifac.hku.hk/current/ug/el/research/srf-orf>



Application Procedures (cont.)

2. Consult the teacher(s) in your interest field about your research plan

- approach the teacher(s) directly
- through your home Departments/Schools or teachers
- read their research publications beforehand

3. Fill in the online application form:

Science Online Application Submission System (OASS) - SF401

<https://webapp.science.hku.hk/intranet/OnlineFormUG.html>

4. Submit your application form together with the following documents:

- a **recommendation letter** from your prospective supervisor; and
- a **research proposal** (not more than 500 words on ONE A4-size paper)

Deadline:

SRF Scheme: February 16, 2024 (Friday)

ORF Scheme: February 16, 2024 (Friday) / April 12, 2024 (Friday)



IMPORTANT!

ORF Scheme applicants are **STRONGLY** encouraged to submit the completed applications by the first application deadline, i.e. February 16, 2024 (Friday), as the application results will be announced by late April 2024 for your immediate arrangement for visa applications, etc. Applications submitted between February 17, 2024 and April 12, 2024 will be reviewed after the second application deadline, i.e. April 12, 2024, and the application results will be announced in late May or early June 2024; applicants concerned have to consider if such timeframe can meet with the processing time of visa, accommodation applications, etc

Recommended Contents of Research Proposal

- Title
- Abstract
- Introduction (Background information)
- Research Design
- Significance
- References



In the proposal, we want to know ...

- What is your specific research question(s)?
- How your research relates to other(s) published work?
- How you will answer those questions or plug the knowledge gap(s)?
- How are you prepared to complete the project in time?
- How you plan to spend the fellowship?



Selection Criteria

- Quality of the research proposal
- Recommendation of the prospective supervisor
- Interview performance
- Academic merits



Recognition



- Recorded in the academic transcript
- Certificate of completion
- Awards:
 - Best Poster Presenters (for Poster Presentation)
🏆 5 to 6 winners
 - Best Colloquium Presenter (for Research Colloquium)
🏆 1 winner

University Research Fellowship Programme (URFP)

- Students who have excellent academic performance (in the 90th percentile of top students in a study programme or with a CGPA of 3.50 or above) and plan to conduct final year project or directed studies after completing a summer research internship can consider applying for the URFP.
- The URFP is a **prestigious programme organized at the University level** with the aim of enhancing students' learning experience and nurturing the next generation of researchers/scholars.
- Students enrolled in the URFP are required to undertake a research study (final year project or directed studies).
- Summer research internship may form an essential part of such a research study. Students may receive Undergraduate Research Fellowship Awards upon successful application.
- **Application details and deadline: TO BE ANNOUNCED IN DUE COURSE**

Remarks:

Students who apply for the Undergraduate Research Fellowship Awards need not apply for the SRF/ORF. They will be considered for the SRF/ORF if their applications are not successful.

Sharing by Experiential Learning Ambassadors



Sunny Wang

- BSc Year 3 Student
- Major in Mathematics and Neuroscience

ORF Participant in 2022-23

Project Title:
Spectral Characterization of Holocene
Volcanic Ash and Aeolian Deposits in the
North American Cordillera, Canada

SRF Participant in 2022-23

Project Title:
Common types of Integral Inequalities
with analogues in discrete cases

Morris Chan

- BSc Year 4 Student
- Major in Geology (Intensive)
- Minor in Geography and SCCE



Experiential Learning Ambassadors

- 22 EL Ambassadors in the Faculty of Science (2023-24)
- With previous experiences in EL activities (research, exchange/visiting studies, field trips, etc.) and willing to promote to and share with students



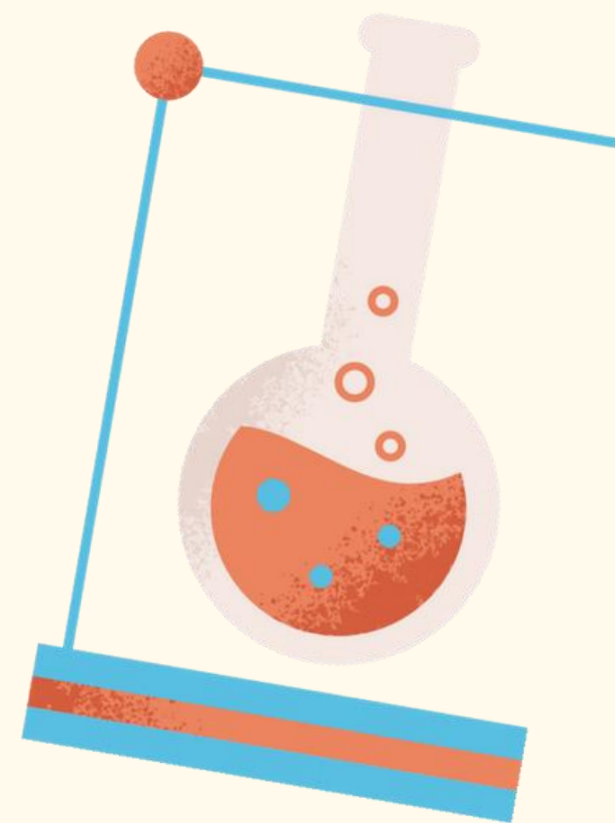
Seek Advice on EL related matters

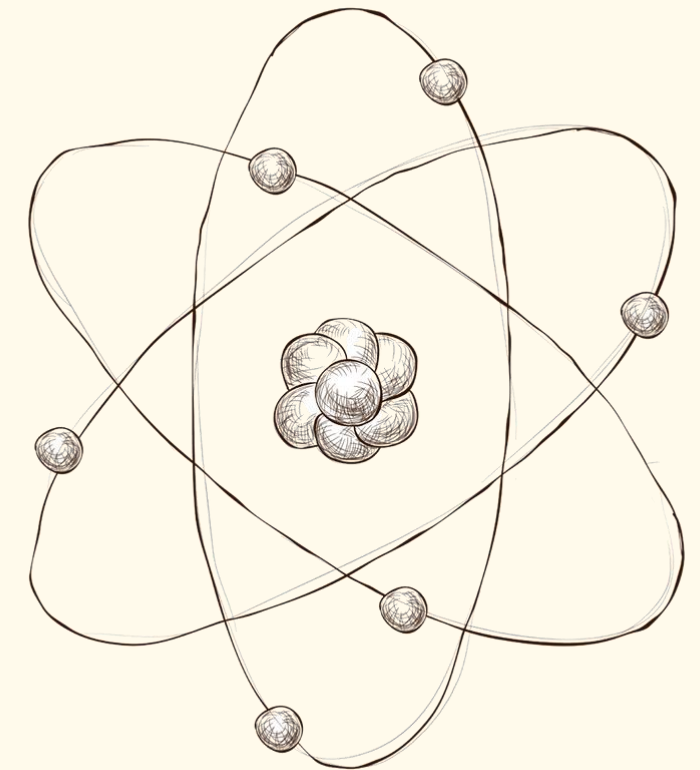
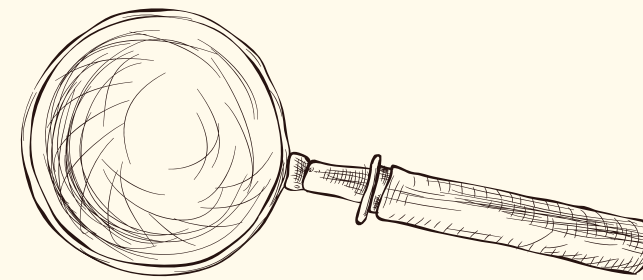
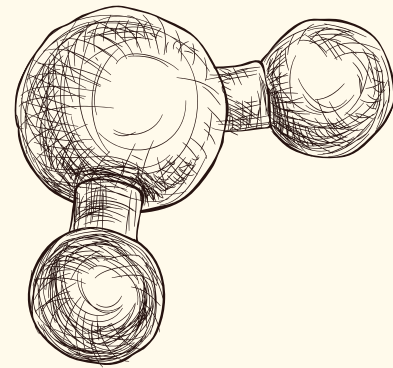
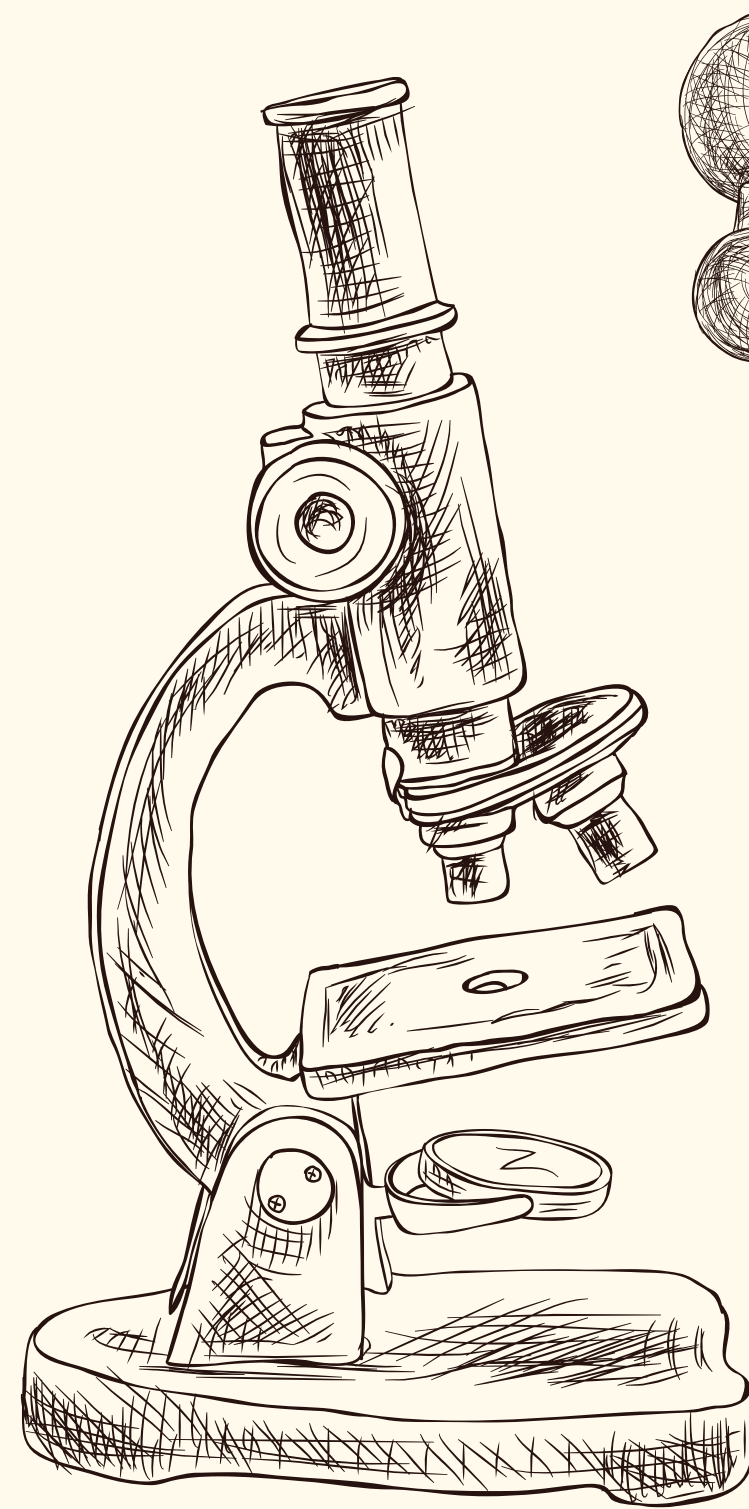
Contact our EL Ambassadors

Their email contact is available on the Faculty's website.

https://intraweb.hku.hk/reserved_1/science/ug/Student_EL_Ambassador_2023-24.pdf

Q & A Session





**Thank
you!**

