

The Chinese University of Hong Kong
Shun Hing Institute of Advanced Engineering

Call for Research Proposal Year 2025 (Proposal 2025)

Notes for Application
and
Research Proposal Selection Procedures

To: All Engineering Faculty

Date: 21 January 2025

Notes for completing the Application Form

General

- (a) These notes are intended to be read by applicant(s) before completion and submission of Funding Request application.
- (b) The form entries should be typed, and the font size should not be smaller than Point 11 (Times New Roman).
- (c) The form is in 2 parts, Part I : Summary of the Research Proposal; Part II : Details of the Research Proposal.
- (d) All sections of the relevant parts should be completed. Where information sought is not applicable or not provided under a particular section, insert “NA” or “Nil”.
- (e) All applications should be submitted to SHIAE, via email applications@shiae.cuhk.edu.hk on or before **17 March 2025 (Monday) at 5pm.**
- (f) Enquiries about SHIAE research funding application should be directed to SHIAE office. Tel: 3943 4351 or email to kaiali@shiae.cuhk.edu.hk.

PART I SUMMARY OF THE RESEARCH PROPOSAL

[To be completed by the applicant(s)]

Item

- 1(a) The project title should be informative, but short and concise.
- 1(b) SHIAE support research projects in three strategic areas, namely multimedia technologies and AI, biomedical engineering and renewable energy,

- 2 Each application should be submitted by the **Principal Investigator** (PI) and no applicants should submit more than one.

The PI of SHIAE project must be member of the Engineering Faculty of CUHK.

- 3 A standard provision of \$12,000 per year for each funded project is provided for traveling in connection with *presenting their work internationally in their particular research areas. The figures provided should be the same as the corresponding total figures stated in Item 5 of Part II on estimated cost.*

A standard provision of \$10,000 per year for each funded project is provided for general expenses. *However, for some projects that are experimental in nature, additional support for general expenses could be allocated. Nonetheless, equipment is generally not supported. The figures provided should be the same as the corresponding total figures stated in Item 5 of Part II on estimated cost (with Justification if request more).*

- 4 The applicant(s) is required to indicate the nature of the application being submitted. This is intended to include some additional background about the application for consideration.
- 5 A short abstract (½ A-4 page or max. 200 words, and comprehensible to a non-specialist) should be given. This should be informative and indicative of the nature of research to be conducted
- 6 To include a paragraph to highlight specifically the innovation and practical significance of your work. Both VC and the donor would like to see more research endeavors be directed to innovation and technology transfer for the betterment of mankind.

PART II DETAILS OF THE RESEARCH PROPOSAL

[To be completed by the applicant(s)]

RESEARCH DETAILS

Item

- 1-3 Details of the proposed research. This is the major portion of the proposal. It should be presented clearly and concisely and at the same time be detailed enough to indicate the significance and merits of the proposed research and to permit a meaningful evaluation of the worthiness of the project. Items 1-3 together **should not exceed 1,500 words excluding reference.**
- 3(a) A complete description of the research plan and the selected approach to the problem solution should be given. Where appropriate, experiments, tests and required facilities should be described. The relevant scientific principles and techniques on which the problem solution depends should also be presented. Outline uniqueness

and justification of the proposed approach with its plan of investigation, giving citation from literature where applicable.

- 3(b) Highlight the potential for technology transfer of the research outcome and any plan for commercialization.

PROJECT FUNDING

- 4 All projects will normally be funded for two years, funding level for the second year (taking into consideration of the unspent balance in the first year) will be the same unless otherwise decided by the Management Committee (MC). MC reserves the right to terminate any project after one year if the progress of the project is deemed unsatisfactory. Project start date of new project is normally **1st July** unless otherwise approved for postponement.
- 5 (a) Staff cost may be used to support researchers as Shun Hing Fellow at the level of visiting distinguished scholars, visiting/full-time research fellows, full-time postdoctoral fellows or research associates. Remuneration package offered to individual researcher should be compatible to University guidelines and proposed in this application. However, **any appointment Less than SIX months will NOT be considered** unless otherwise approved.
- (b) &(c) A flat rate of HK\$10K and HK\$12K each year is set aside for each project to cover general expenses and conference trip, respectively. However, for some projects that are experimental in nature, more money for general expenses could be allocated. Nonetheless, equipment is generally not supported.

(Notes-SHIAE-proposal_25)

Research Proposal Selection Procedure

| | Selection Procedure | |
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| | <p>Complete and Submit the Application Form for Funding Request - Year 2025</p> <p>Form download: http://www.shiae.cuhk.edu.hk Submit via email to applications@shiae.cuhk.edu.hk</p> | <p>Submission Deadline: 17 March 2025 (Monday) at 5pm</p> |
| | <p><u>Proposal Shortlisting</u></p> <p>All received proposals will be vetted by members of Management Committee (MC) of SHIAE and only shortlisted proposals will be invited to give a presentation to MC for further consideration.</p> | <p>Mid of April 2025</p> |
| | <p><u>Proposal Presentation</u></p> <p>Principal Investigator of each Shortlisted Proposal will be invited to give a brief presentation to MC and final decision on funded projects and funding level will be made based entirely on the merits of the proposals.</p> | <p>Beginning of May 2025 <i>(date to be confirmed)</i></p> |
| | <p><u>Announcements of Results</u></p> | <p>By the end of May 2025</p> |
| | <p>Project Start Date</p> | <p>1st July 2025</p> |

(Procedure-SHIAE-proposal_25)