

ACP PROGRAMME FUNDING
CLINICAL & SYSTEMS INNOVATION SUPPORT
CLINICAL & SYSTEMS INNOVATION (MAIN) GRANT

APPLICATION REQUIREMENTS & EVALUATION CRITERIA

Objective:

To promote clinical and systems innovation to transform healthcare, in support of SingHealth Duke-NUS AMC priorities.

General Information

1. The programmes should preferably include proof-of-concept, pre-clinical validation data and established technical feasibility. The goal of this programme focuses on improving value to patients, reducing the total cost of delivering care, improving access to care, improving patient experience and staff experience, raising efficiency and productivity in novel / innovative ways. We will give priority to ideas that have potential for scaling and adoption across the cluster and beyond.
2. The programmes should demonstrate potential scaling, prospective proof-of-value, and impact to be delivered within ours and other healthcare system.
3. Ideally, the proposals should be positioned to apply for external late-stage translational grants such as AM MedTech grant, NRF Central Gap, NHIC I2D / I2I or take other concrete steps to develop the technology towards adoption and/or commercialization at the end of the project.
4. Awards will be based on alignment with the Clinical & Systems Innovation (CSI) funding support priorities & objectives, feasibility of implementation and scaling, degree of innovativeness, potential impact, and the promotion of collaboration between inter-professional groups.
5. The programmes should define clear and measurable deliverables e.g. develop prototypes, design CAD files, user survey feedback, feasibility / bench-top test results, etc.
6. Completed programmes that have positive outcomes should be presented at relevant national-level or higher-level conferences or congresses, or published (e.g. in relevant journals). Prior to such presentations and publications, preferably during the preparatory phase of the presentation or manuscript, it is recommended that the PI notify SingHealth Office of Intellectual Property (SHIP) at ship@singhealth.com.sg to ensure that valuable proprietary information is not disclosed.
7. Each submission should be made using the prescribed ACP Programme Funding Application Form.
8. Each proposal should demonstrate alignment with goals of academic medicine, with focus on its impact to the SingHealth Duke-NUS AMC and the ACP.

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9. Each programme should be budgeted up to a maximum of S\$100,000 in quantum and can be for one year up to 3 years.
10. For the budget request, overseas travel expenses (e.g. overseas conference, seminars, etc.) are not supportable.
11. Clinical research and education research projects are not supported by the CSI grant. Please seek alternative funding support from the institution or research / education offices. Education projects could be supported under ACP Programme Funding – Education Support.

As you complete your application, please consider the following aspects, which are used for evaluation of programme proposals:

Alignment with 'Clinical & Systems Innovation Support' priorities & objectives

Please consider whether the proposal is in line with one or more academic medicine priorities, to transform healthcare, especially in areas pertaining to:

- 1) Improvement of patient experience, clinical outcomes, and patient safety
- 2) Reduction in per capita cost of healthcare, promote quality and value-driven academic outcomes
- 3) Improvement of the overall experience of providing care, from the perspective of healthcare staff
- 4) Improvement of overall national and population health

Feasibility of Implementation and Scaling

Please consider, among other factors, the following:

- 1) Is the proposal likely to be implemented beyond the scope of the programme proposal (which may be a pilot)? Documented support by stakeholders for scaling beyond the initial scope is desirable.
- 2) Does the proposal demonstrate clear potential for adoption and implementation in mainstream systems?
- 3) Does the proposal outline clear solutions to address significant barriers to implementation?

Degree of Innovativeness

Please consider, among other factors, the following:

- 1) Is the proposal characterised by new creative approach(es) and what is its potential to transform standard of care?
- 2) How would healthcare delivery be impacted through the implementation of this idea?
- 3) Is the idea novel and unique? Are there other ideas addressing the same problem(s) in the healthcare industry?

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Potential Impact

Please consider, among other factors, the following:

- 1) What is the problem and how would the proposed idea address this problem?
- 2) Does the proposal offer improvements and benefits, i.e. cost savings, time savings, improved patient experience and outcomes, in the following scenarios:
 - a) if the programme proposal is successful,
 - b) when implemented and scaled-up?
- 3) Does the proposal show a clear methodology for data collection to quantify the benefits and the costs in the course of the project?
- 4) If the proposed idea is implemented and scaled-up, how significant will the improvement to the health system be?

Additional relevant considerations

Other aspects about the proposal:

- 1) Is the problem, idea and proposal well structured, coherent, and thoughtfully designed?
- 2) Does the proposal promote collaborations with intra institution/domains?
- 3) Is financial sustainability clearly described & evidenced in the proposal (i.e. plans for following on funding)?
- 4) Is there adequate evidence that the proposed solution has been developed to a level suitable for funding?

Frequently Asked Questions

Project Qualification

1. Who is eligible to apply?

Nurses, Allied Health Professionals (AHPs), administrators and doctors are encouraged to participate in collaboration with ACPs.

2. What are the evaluation criteria of the Clinical & Systems Innovation (CSI) funding support?

Projects are evaluated on various aspects:

- a) Alignment with Academic Medicine priorities & objectives
- b) Feasibility of implementation and scaling
- c) Degree of innovativeness
- d) Potential impact
- e) Structure, clarity and design of proposal
- f) Collaboration with inter-professional groups

3. Can we still apply for the CSI grant using the same project if we have already received a grant from another funding body/organisation concurrently?

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This is possible, provided the project is funded by a non-Academic Medicine Fund (e.g. National Grant, Commercial Grant etc.). You are required to indicate initial results, how those compare with what was originally envisaged, and any learnings thus far.

4. Can we submit our proposal for the CSI grant if the project has already started?

You may seek further funding support from the grant for scaling or further development purposes or if your project has received seed funding previously and the funding programme has ended. You are required to indicate initial results, how those compare with what was originally envisaged, and any learnings thus far.

5. Are travel expenses to other countries during the project duration supported under the CSI programme?

No. Overseas travel expenses will not be supported under the funding.

6. What types of costs are eligible for funding support?

Please refer to the file titled "AM FUNDING GUIDELINES" attached in the grant call email.

Application and Disbursement Procedure

7. What do we need to do to apply for the grant?

- a) Fill up the grant application form. If in doubt, please email innovate@singhealth.com.sg for assistance and clarifications.
- b) Submit your application form before the deadline.
 - i. For applicants who are affiliated to an Academic Clinical Programme (ACP), please submit your application form to JOAM through your respective ACP, with endorsement from your Head of Department, ACP Chair and Vice-Chair in-charge.
 - ii. We also welcome applicants who are not affiliated to an ACP, and / or would like assistance to be linked up with potential ACP collaborators. For such applicants, email innovate@singhealth.com.sg for assistance to link up with a potential collaborator in an ACP.

Please refer to the list of key ACP administrators in Annex A. Please contact your respective key ACP administrator for the individual ACP's internal deadline for submission.

- c) Shortlisted applicants will be informed by JOAM, through the submitting ACP, and be invited to pitch their idea to a panel.

8. Can 1 staff submit more than 1 grant application?

Yes, we are open to multiple different projects from each staff provided that he/she has adequate resources (including time and attention) to undertake multiple projects.

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9. If my project is awarded, how does the disbursement take place?

Funds will be disbursed to the host institution of the ACPs (e.g. KKH for OBGYN and PAEDS ACP).

10. How often am I required to report on the project progress?

All awarded projects are required to do presentation / submit the following:

- a) Project progress update to the Co-chairs at 6th – 9th month post-award and upon project completion **new*
- b) Annual progress report and final report at the end of the award period, and
- c) Annual financial schedules.
- d) Progress report should include details / specifications on the solution, user feedback survey outcomes, bench-top test results, where applicable

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ANNEX A

List of ACP Administrators

S/N	ACP	Name	Institution
1	Obstetrics & Gynaecology Academic Clinical Programme (OBGYN ACP)	Wong Shuxian, Julin	KKH
2	Paediatrics Academic Clinical Programme (PAEDS ACP)	Yong Lee Kin, Jaxii Wilson Low Cong Jin	KKH
3	Medicine Academic Clinical Programme (MED ACP)	Tan Laye Yuen, Lynn	SGH
4	Surgery Academic Clinical Programme (SURG ACP)	Karen Chen Yi Chen	SGH
5	Ophthalmology & Visual Sciences Academic Clinical Programme (EYE ACP)	Chia Hui Yien	SNEC
6	Neuroscience Academic Clinical Programme (NEUROSC ACP)	Jillian Ti Ying Yng	NNI
7	Cardiovascular Sciences Academic Clinical Programme (CVS ACP)	Tan Soo Hwee, Tasha	NHCS
8	Oncology Academic Clinical Programme (ONCO ACP)	Germaine Bravenboer	NCCS
9	Pathology Academic Clinical Programme (PATH ACP)	Cai Huiling	SGH
10	Radiological Sciences Academic Clinical Programme (RADSC ACP)	Ang Choo Ping, Mindy	SGH
11	Oral Health Academic Clinical Programme (ORH ACP)	Dr Ng Kwang Loong, Stanley	NDCS
12	Anaesthesiology and Perioperative Sciences Academic Clinical Programme (ANAES ACP)	Ong Su Ming Gary Andrew	SGH
13	Musculoskeletal Sciences Academic Clinical Programme (MSKSC ACP)	Thng Suyin, Tiffany	SGH
14	Family Medicine Academic Clinical Programme (FM ACP)	Winnie Seah Sui Gek	SHP
15	Emergency Medicine Academic Clinical Programme (EM ACP)	Mae Sia	CGH