ACP PROGRAMME FUNDING

INNOVATION SEED GRANT (ISG)

APPLICATION REQUIREMENTS & EVALUATION CRITERIA

Objective:

To promote clinical and systems innovation to transform healthcare and in an effort to kick-start early stage innovation projects, the **Innovation Seed Grant (ISG)** is a funding support introduced to kickstart ideation, by translating ideas into working prototypes to gather feedback from potential users as well as to test the technical feasibility of the proposed solution for potential scalability across the cluster in support of the SingHealth Duke-NUS AMC and AMII priorities.

General Information

1. The programmes should involve innovative ideas which are focused on improving value to patients, reducing the total cost of delivering care, improving access to care, improving patient safety, patient experience and staff experience, raising efficiency and productivity in novel / innovative ways. Priority will be given to ideas that have potential for scaling and adoption across the cluster and beyond.

2. Awards will be based on alignment with the Innovation Seed Grant priorities & objectives, magnitude of the clinical need or gap, potential for adoption and scaling, degree of innovativeness and potential impact.

3. Applicants **should not have received** any similar seed stage type funds from institutions or domains. Applicants who are eligible for such grants from their respective institutions may be directed to those opportunities.

4. The programmes should define clear and measurable deliverables e.g. Working prototype, Proof-of-Concept (POC), Design CAD files, user survey feedback, feasibility / bench-top test results, etc.

5. As part of the expected deliverables, the applicants should seek feedback from potential users about pilot trial, or the adoption of the proposed product / solution.

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.

ACP PROGRAMME FUNDING

INNOVATION SEED GRANT (ISG)

APPLICATION REQUIREMENTS & EVALUATION CRITERIA

7. Each submission should be made using the **prescribed ACP Programme Funding Application Form** and the **PowerPoint template for the pitching session presentation**. Details of the scheduled presentation will be sent to the applicant after the closing date of the grant call.

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.

9. The ISG has a maximum cap of S$25,000 in quantum and the duration of the project can be for a period up to 18 months.

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 ISG. Please seek alternative funding support from the institution or research/education offices. Education projects could be supported under ACP Programme Funding – Education Support.

12. The budget items should focus on development of prototype and getting the initial project up and functioning. These will take precedence over the cost of publication, patent filing etc. at the early stage.

Typical considerations that will be used for evaluation of programme proposals:

Alignment with SingHealth Duke-NUS AMC and Academic Medicine Innovation Institute
Please consider, among others, whether the proposal is in line with 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
Proposal Clarity
Please consider, among other factors, the following: 1) Does the proposal demonstrate clear potential for adoption and implementation in mainstream systems? 2) Does the proposal outline clear solutions to address significant barriers to implementation?
Degree of Innovativeness

ACP PROGRAMME FUNDING

INNOVATION SEED GRANT (ISG)

APPLICATION REQUIREMENTS & EVALUATION CRITERIA

Please consider, among other factors, the following:

1) Is the idea characterised by new creative approach(es) and has potential to transform healthcare?
2) Can we expect a major change in the way healthcare is delivered through implementation of this idea?
3) Is the idea novel and unique with limited or few comparable examples in the healthcare industry?

Potential Impact, Feasibility of Implementation and Scaling

Please consider, among other factors, the following:

1) What is the problem and what is the extent of the problem?
2) How would the proposed idea address this problem?
3) If the proposed idea is implemented and scaled-up, what are the potential improvements, benefits to the health system?
   i.e. cost savings, time savings, improved patient experience and outcomes, benefits to the health system, in the following scenarios:
   a) if the programme proposal is successful,
   b) when implemented and scaled-up?
4) Are there similar market ready products available?
5) What is the current stage of the idea? Does the proposal show a clear methodology for data collection to quantify the benefits and the costs in the course of the project?

Additional relevant considerations

Other aspects about the proposal:

1) Overall proposal - Is the problem, idea and proposal well structured, coherent, and thoughtfully designed?
2) Does the proposal promote collaborations with intra institution/domains?

ACP PROGRAMME FUNDING
INNOVATION SEED GRANT (ISG)

FREQUENTLY ASKED QUESTIONS

Project Qualification

1. **What is the eligibility criteria to fulfil for the grant applications?**
   Nurses, Allied Health Professionals (AHPs), administrators and doctors are encouraged to participate in collaboration with ACPs.

   Clinicians with Duke-NUS Faculty or Non-Faculty Academic Appointment are eligible to apply. A Co-PI is required if an applicant does not have a Duke-NUS Academic Appointment.

2. **What are the evaluation criteria of the Innovation Seed Grant support?**
   Projects are evaluated on various aspects:
   a) Alignment with Academic Medicine and AMII priorities & objectives
   b) Feasibility of implementation and scaling
   c) Potential for adoption and scaling across the cluster
   d) Degree of innovativeness
   e) Potential impact
   f) Structure, clarity and design of proposal
   g) Promote collaborations with intra-institution / domain groups

3. **Can we still apply for the Innovation Seed Grant if we have already received a grant from institutions and/or domains?**
   Applicants should not have received any seed stage grants from institutions or domains for the same project and purposes. Applicants who are eligible for the seed grants from their respective institutions may be directed to those opportunities.

4. **Can we submit our proposal for Innovation Seed Grant if the project has already started?**
   You may seek further funding support from the grant for evaluating potential to scale 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 Innovation Seed Grant 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.

ACP PROGRAMME FUNDING
INNOVATION SEED GRANT (ISG)

FREQUENTLY ASKED QUESTIONS

Application and Disbursement Procedure

7. **What do we need to do to apply for the grant?**
   a) Fill up the grant application form and the PowerPoint template for your pitching session presentation. 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.

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.

9. **I have already shared my idea at the SingHealth Duke-NUS AMC Innovation Clinic before. Do I still need to present?**
   Yes, you will still be required to present the updates at a grant pitching session on the idea since the last presentation and what would be done differently compared to before.

10. **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).

11. **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 $6^{th} - 9^{th}$ month post-award and upon project completion
    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

ACP PROGRAMME FUNDING
INNOVATION SEED GRANT (ISG)

APPLICATION REQUIREMENTS & EVALUATION CRITERIA

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 Juine Magdalene Tan Han Qi En	SGH
5	Ophthalmology & Visual Sciences Academic Clinical Programme (EYE ACP)	Chia Hui Yien	SNEC
6	Neuroscience Academic Clinical Programme (NEUROSC ACP)	Fiona Setiawan	NNI
7	Cardiovascular Sciences Academic Clinical Programme (CVS ACP)	Tan Soo Hwee, Tasha	NHCS
8	Oncology Academic Clinical Programme (ONCO ACP)	Jasmine Lim	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