

SMART Innovation Centre Grant
Proposal (Phase I - Venture Exploration Workshop)

Project Title:

Grant Type: **Innovation Phase I – Venture Exploration Workshop**

Preferred contact person:

Name :
Title :
Business Email :
Business Phone :
Business Address :
Assistant Email :

Investigator Data

	First Name	Last Name	Department/Lab *	Biz Email	Faculty (Y/N)
PI	[name]				
Co-I 1					
Co-I 2					
Co-I 3					

**Department / division / lab / centre managing grant*

Have you already disclosed your technology to the Technology License Office (TLO)? YES / NO

If so, which TLO office? **MIT TLO / NUS ILO / NTU ITTO/Others:**_____

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PROJECT TITLE

[name][name]

Executive Summary

[NOTE: Do not disclose any proprietary information in the title or the executive summary.] Briefly describe the problem to be solved and shortcomings of existing solutions. Briefly summarize your approach in one or two sentences. Do not focus on the technical details of your proposed solution. Assume minimal knowledge in field or industry. **Must not exceed 200 words.**

Opportunity

[Provide an overview of the problem you propose to solve. What is the potential societal and market impact? What is the customer "pain" that you are attempting to address? What is the market doing now to address the problem? Why will your approach be compelling? Concrete market data and testimonials are encouraged. Do you have a platform technology with multiple applications.]

Proposed Approach

[Describe the proposed innovation and how it addresses the problem. How will it work? How do you envision the technology being used in a product or service? What is the current status of the idea and any related intellectual property? Describe how this relates to your existing research. Emphasize novelty of proposed work.]

Commercialization

[What do you envision to be the key next step to making impact with this innovation (e.g., sponsored research support, licensing, venture financing)? What is the time frame? Describe the technical and market uncertainty and risks that might be preventing this idea from proceeding along that path. How would SMART Innovation Centre funding and assistance adequately reduce the uncertainty to advance the project to the key next step? With whom would you need to connect, and what questions do you need to answer, to determine the appropriate applications and paths to commercialization? How might you take advantage of the connections and partnerships at the SMART Innovation Centre.]

Impact

[What are the expected market, societal, and scholarly impacts of the proposed work if successful? If unsuccessful?]

Prior Art

[What are the alternative or competing technologies? Elaborate on the benefits of the proposed approach over current or competitive approaches (even if the competitive approaches are not technically similar). To the best of your knowledge, what is the prior art in this area – by you and others? *List publications, patents, and patent disclosures.* Comment on the novelty of your proposal with respect to this prior art. Comment on the IP implications of this prior art; for example, will other patents have to be licensed in order to practice your technology? Please comment on whether this is an extension of existing research or something totally new for your team.]

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Background IP

[Please provide a list of Invention Disclosures filed with MIT, SMART or other Singapore Institutions (eg. NUS, NTU, etc) that you and the other Investigators plan to use or further reduce to practice utilizing the grant funds or that would be needed for the eventual commercialization.]

Project Title	Lead PI	Invention Report No	US PRV No (If any)	PCT No (If any)

Supporting Data

[There must be data showing Proof-of-Principle or Proof-of-Concept. Please provide summary of this data with your application. The stronger the technical support the more likely the application will be selected.]

Research Plan

[Describe a research plan including the strategy and key experiments to be undertaken to address goals of proposed work for Phase II (\$300K) Venture Design and Phase III (\$500K) Venture Execution Funding. What are the key questions that need to be answered? You should explain how the experiments and data you gather will do so.

Team and Collaborations

[List team members and collaborators that will attend and participate in the Venture Exploration Workshop.

Suggested reviewers

[Suggest at least three independent scientific reviewers, preferably not all in your department or lab. Please keep in mind that they should not have any conflict of interest with this work. Additional external reviewers also are welcome. Optional: please indicate if there is anyone you would prefer not to receive a copy of this proposal. **Please include title, email, and phone.**]

Name of Reviewer	Title	Business Email	Business Contact

NOTE : Please ensure the reviewers are willing to write the review as the project will be disqualified if no reviewers reply.

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Expectations

PI and Investigators and their relevant research staff agree to participate in the Master Classes, work with the assigned Mentors, and as an outcome, prepare a pitch deck and application for SMART Innovation Phase II Venture Design Funding. A description of the Venture Exploration Workshop can be found on the SMART Innovation Centre website: <https://smart.mit.edu/innovation-centre/our-program/innovation-2-0>

