HealthTech Innovation Challenge 2018
Guidelines

The Graeme Clark Institute for Biomedical Engineering (GCI), The University of Melbourne in partnership with the Melbourne Academic Centre for Health (MACH) and Neurosciences Victoria is inviting submissions for the HealthTech Innovation Challenge for 2018.

The objectives of the HealthTech Innovation Challenge are:

a) To promote Science, Technology, Engineering, Mathematics and Medicine (STEMM)-based interdisciplinary research;
b) To foster the translation of research with applications that will lead to improvements in health outcomes.
c) To stimulate collaboration of MACH partner organisations which are listed below;

- Austin Health
- Bionics Institute
- Centre for Eye Research Australia
- Melbourne Health
- Mercy Health
- Murdoch Childrens Research Institute
- Northern Health
- Olivia Newton-John Cancer Research Institute
- Peter MacCallum Cancer Centre
- St Vincent's Hospital Melbourne
- St Vincent’s Institute of Medical Research
- Florey Neuroscience Institute
- The Royal Children’s Hospital Melbourne
- The Royal Victorian Eye and Ear Hospital
- The Royal Women’s Hospital Victoria
- The University of Melbourne
- Walter and Eliza Hall Institute of Medical Research
- Western Health

Information about MACH is available at https://www.machaustralia.org/

Key dates

- Launch date of the HealthTech Innovation Challenge: **Tuesday, 5 June, 2018**
- Application closing date: **5 p.m., Monday, 9 July, 2018**
- Announcement of the finalists: Early August 2018
- Pitch event: **Monday, 13 August 2018**
- Project start date: Early September 2018
- Project progress report due: 31 March 2019
- Project progress report due: 31 August 2019
Judging criteria

The submissions will be assessed against the following judging criteria.

Selection criteria:

- The project demonstrates innovative inter-disciplinary research that has significant potential for future funding by granting bodies and/or industry.

Competition terms

The Competition Terms are available for download at https://clarkinstitute.unimelb.edu.au/challenge/

See the section on Application Process to accept the Competition Terms.

Privacy collection notice

The Graeme Clark Institute for Biomedical Engineering (‘GCI’), The University of Melbourne is running the HealthTech Innovation Challenge (‘The Challenge’) that will be opened to partners in the Melbourne Academic Centre for Health (‘MACH’).

The GCI will be collecting personal information comprising name, phone number, email address and host institution of the Lead and Partner Investigators for The Challenge. Information provided will be used solely for The Challenge.

Your personal information can be removed if you no longer wish to participate in The Challenge. To request that your information be removed, please contact Dr Jia-Yee Lee, Director, Industry Engagement, Graeme Clark Institute (Tel: 03 83444923; email address: healthtech@lists.unimelb.edu.au).

The information will only be accessed by authorised staff for the purpose for which it was collected, and will be protected against unauthorised access and use.

The University of Melbourne is committed to protecting personal information provided by you in accordance with the Privacy and Data Protection Act 2014 (Vic). All information collected by the University is governed by the University’s Privacy Policy. For further information about how the University deals with personal information, please refer to the University’s Privacy Policy or contact the University’s Privacy Officer at privacy-officer@unimelb.edu.au.

Acknowledgement

The LI and PIs must ensure that the GCI contribution and support of the project be appropriately acknowledged in publications and presentations.

Sponsors

The four prizes are sponsored by the Graeme Clark Institute for Biomedical Engineering.

One of the prizes is co-sponsored by Cadmon Advisory.
Application process

The HealthTech Innovation Platform is the online system for submission of applications.

**It is recommended that applicants be familiar with the platform well in advance of the application deadline.**

**The eligibility criteria must be met.**

**Registration**

Staff of the University of Melbourne will be able to access the Platform using their University assigned username and password.

All other subscribers will be required to register on the Platform. Upon registration, an email notification will be sent to the nominated email address with a password to be used to login.

If an email notification is not received within 24 hours, please contact healthtech@lists.unimelb.edu.au

**Change of password**

For non-staff of the University of Melbourne, the password can be changed by clicking on “Change Password” located in the Menu.

**Access to the Application Form**

Only the LI will be able to fill in and submit the form.

There is no provision for a downloadable form.

An online application form can be accessed at the Graeme Clark Institute website: https://clarkinstitute.unimelb.edu.au/#htic.

To access the application, click on **NEW APPLICATION**

A set of questions relating to eligibility criteria will appear. The application form is available when the eligibility criteria have been met.

**The LI must accept the Competition Terms.** The Competition Terms are available at https://clarkinstitute.unimelb.edu.au/challenge/

Address all mandatory fields.
A signed **Letter of Support** from the LI’s host organisation executive or leadership team should be uploaded that states the following:

- Lead Investigator has an affiliation with the Department or School of the University of Melbourne;
- Lead Investigator will bear full responsibility for the conduct of the project.

Click to save the draft or to submit the application.

**NB: In saving the application as a draft, do not leave mandatory field blanks. Include placeholder text such as TBA or TBC in all mandatory fields.**

Upon submission of application, the LI will receive an email from healthtech@lists.unimelb.edu.au confirming receipt of the application.

If an email notification is not received within 24 hours, please contact healthtech@lists.unimelb.edu.au

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**Enquiries**

All enquiries should be made to healthtech@lists.unimelb.edu.au. The *Subject* line should state “HTIC”.

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**Definitions**

**Lead Investigator (LI):** The LI is an employee of one of the MACH partner organisations and takes responsibility for project reporting and delivery in accordance with the Guidelines and Competition Terms. It is preferable that the LI should have an appointment with a Faculty at The University of Melbourne.

**Partner investigator (PI):** A partner investigator must be an employee of an organisation from academia, hospital or industry.

**Industry:** Australian or overseas companies (including small-to-medium sized enterprises) or not-for-profit organisations.

**Technology Readiness Levels:** Technology readiness level (TRL) is an approach to assess the technology maturity and progress of the research activity. The TRL is defined below (U.S. Department of Defense, *Technology Readiness Assessment Guidance*, April 2011).

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<thead>
<tr>
<th>Level</th>
<th>Definition</th>
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<tbody>
<tr>
<td><strong>TRL 1</strong></td>
<td><strong>Basic Research:</strong> Initial scientific research has been conducted. Principles are qualitatively postulated and observed. Focus is on new discovery rather than applications.</td>
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<tr>
<td><strong>TRL 2</strong></td>
<td><strong>Applied Research:</strong> Initial practical applications are identified. Potential of material or process to solve a problem, satisfy a need, or find application is confirmed.</td>
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<td><strong>TRL 3</strong></td>
<td><strong>Critical Function or Proof of Concept Established:</strong> Applied research advances and early stage development begins. Studies and laboratory measurements validate analytical predictions of separate elements of the technology.</td>
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<td><strong>TRL 4</strong></td>
<td><strong>Lab Testing/Validation of Alpha Prototype Component/Process:</strong> Design, development and lab testing of components/processes. Results provide evidence that performance targets may be attainable based on projected or modelled systems.</td>
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<td><strong>TRL 5</strong></td>
<td><strong>Laboratory Testing of Integrated/Semi-Integrated System:</strong> System Component and/or process validation is achieved in a relevant environment.</td>
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<td><strong>TRL 6</strong></td>
<td><strong>Prototype System Verified:</strong> System/process prototype demonstration in an operational environment (beta prototype system level).</td>
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<td>Level</td>
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<td>TRL 7</td>
<td><strong>Integrated Pilot System Demonstrated</strong>: System/process prototype demonstration in an operational environment (integrated pilot system level).</td>
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<td>TRL 8</td>
<td><strong>System Incorporated in Commercial Design</strong>: Actual system/process completed and qualified through test and demonstration (pre-commercial demonstration).</td>
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<td>TRL 9</td>
<td><strong>System Proven and Ready for Full Commercial Deployment</strong>: Actual system proven through successful operations in operating environment, and ready for full commercial deployment.</td>
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