NUS GRADUATE RESEARCH INNOVATION PROGRAMME

STARTUP OR RESEARCH
Thought of Doing both at the same time?

Build your dreams, while doing your PhD or research with NUS
Singapore Government Push of Deep Tech Commercialization and Start-up

Govt commits S$19b to new 5-year plan for R&D initiatives RIE2020

4 Primary Technology Domains
- Advanced Manufacturing & Engineering
- Health and Biomedical Sciences
- Services and Digital Economy
- Urban Solutions and Sustainability

NUS and Its Entrepreneurial Communities

Deep tech start-ups may get $100m boost

Some NOC Alumni Companies....

NUS Enterprise
Graduate Research Innovation Program
(NUS – GRIP)

To Enable
A significant number of NUS Postgraduate Students and Researchers to form Deep Tech Start-ups

3 Key Elements:
Venture Creation
Idea Bank
Acceleration Process
Programme Overview

Hot housing innovators

- IP created and filed
- Demo Prototype built
- Initial business plan drafted

- Investment Panel\(^1\)

Investment – 1st tranche, $50K

- Industry prototype building
- Business plan refining
- Secure Co-Investment partner\(^2\)

Investment – 2nd tranche: $50K

Notes:
1. A panel of investment experts will be convened to assess and recommend investment
2. Matching funding from private investors or government agencies
3 MONTHS VENTURE HOT-HOUSING

Workshop 1: Customer Needs, Market Sizing, Minimum Viable Product
Workshop 2: Solution and Business Model Defining
Workshop 3: IP and Growth Strategies

Demo Day: Presenting to Expert Panel for Investment Decision

#1, #2
Weekly 1-1 session with instructor

#3, #4
Weekly 1-1 session with instructor

#5, #6, #7, #8
Weekly 1-1 session with instructor
## RUN 2 - NUS GRIP 3-Month Venture Creation Programme Schedule (Tentative)

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Time</th>
<th>Activity</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13 Apr 2019</td>
<td>9am – 5pm</td>
<td>Workshop #1</td>
<td>Products &amp; Market</td>
</tr>
<tr>
<td>2</td>
<td>23 Apr 2019</td>
<td></td>
<td>Consultation #1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>01 May 2019</td>
<td></td>
<td>Consultation #2</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>11 May 2019</td>
<td>9am -5pm</td>
<td>Workshop #2</td>
<td>Costing &amp; Business Model</td>
</tr>
<tr>
<td>5</td>
<td>22 May 2019</td>
<td></td>
<td>Consultation #3</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>29 May 2019</td>
<td></td>
<td>Consultation #4</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>01 Jun 2019</td>
<td>9am – 5pm</td>
<td>Workshop #3</td>
<td>IP &amp; Growth Strategies</td>
</tr>
<tr>
<td>8</td>
<td>12 Jun 2019</td>
<td></td>
<td>Consultation #5</td>
<td>Prototyping</td>
</tr>
<tr>
<td>9</td>
<td>19 Jun 2019</td>
<td></td>
<td>Consultation #6</td>
<td>Prototyping</td>
</tr>
<tr>
<td>10</td>
<td>10 Jul 2019</td>
<td></td>
<td>Consultation #7</td>
<td>Venture Plan</td>
</tr>
<tr>
<td>11</td>
<td>17 Jul 2019</td>
<td></td>
<td>Consultation #8</td>
<td>Pitch Review</td>
</tr>
<tr>
<td>12</td>
<td>20 Jul 2019 or 27 Jul 2019</td>
<td>9am – 5pm</td>
<td>LIFT-OFF</td>
<td>Pitch &amp; Demo</td>
</tr>
</tbody>
</table>
TYPE OF SUPPORT UNDER PROGRAM

• Hands-on guidance from experienced mentors
• Access to Master Engineer and prototyping partners
• Access to Market Research Database
• Funding of up to $100,000 in your start up
ELIGIBILITY

• PhD Candidates

• Masters students

• Post Doctoral, Research staff including Research Fellows, Research Scientists, Research Engineers, Research Associates, Research Assistants
PROGRAMME COMMITMENT

• In the 3 Month Venture Creation Program:
  o To commit the necessary amount of time to achieve the programme’s goals
  o Minimally
    ▪ 3-weekend workshops and
    ▪ not less than 80% of the weekly 1-1 meet the instructor sessions, as well as the final demo day.
  o To complete the critical assignments assigned

• After Spin-off:
  o To further develop the business proposal and the prototype to secure external funding (grant or equity investment) to advance the start-up project to market.
APPLICATION PROCESS

• Call for proposals
  o Commence on **3 Dec 2018 till 18 Jan 2019**

• Application category
  A  Without our own idea or IP. Match me to an idea/IP.
  B  With NUS IP. Based on my work in the university.
  C  With NUS IP. Not based on my work in the university.
  D  Without NUS IP. With our own source of idea or IP.

• Innovator information
  o Your Role
  o Something interesting about you

• Project information
  o Need
  o Approach
  o Optional questions about your business idea
  o Previous funding support received
  o Any party interested in your project
  o Your objective of joining this program

• Interview with review panel
Key Dates to Note

• **Road Show:**
  - starts on 19 Nov 2018
  - ends on 7 Dec 2018

• **Application:** [https://grip.awardsplatform.com/](https://grip.awardsplatform.com/)
  - opens on 3 Dec 2019
  - closes on 18 Jan 2019

• **Venture Hot Housing:**
  - starts on 13 Apr 2019;
  - ends on 20 Jul 2019 or 27 Jul 2019
Questions?
More questions or information

• Please contact:
  o grip@nus.edu.sg

• Or visit us at http://www.nus.edu.sg/grip/

• Or follow us at https://www.linkedin.com/company/nusgrip/

• And apply at https://grip.awardsplatform.com/