Ongoing Grant Calls

For further enquiries about the grants below, please contact Juliana Zheng at Juliana.Zheng@ntu.edu.sg

1) **National Medical Research Council (NMRC) Health Services Research Grant (HSRG)**

NMRC HSRG Apr 19 grant call

Applications will be via the [Integrated Grant Management System (IGMS)](https://igms.ntu.edu.sg).

<table>
<thead>
<tr>
<th>Grant type</th>
<th>Description</th>
<th>Funding amount</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PI with PhD/MBBS/MD/BDS</strong> - PI must hold a primary appointment in a publicly funded institution and salaried by institution (not under any grants)</td>
<td></td>
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</tr>
</tbody>
</table>
| **Health Services Research Grant** – **Diabetes** | Targeted at addressing current issues in diabetes care:  
(i) the identification of diabetes patients late after the onset of disease  
(ii) faster rate of deterioration of local diabetes patients compared to other countries  
(iii) expensive acute-centric model of care that prolongs lives in disability after patients require acute intervention | No maximum for funding and duration (direct cost + 20% indirect research cost) | |
| **Health Services Research Grant** – **Community Mental Health** | Seeks new models that enable sustainable end-to-end care that  
(i) allows for early detection  
(ii) enables treatment compliance  
(iii) enables patients with mental health conditions, including dementia, to be cared for and stabilised in the community New models that partner community providers are encouraged. | | |
| **Health Services Research Grant** – **Healthcare Manpower Sustainability** | HSR to improve the sustainability and efficiency of our limited healthcare manpower, including studies that seek to  
(i) understand and improve healthcare manpower productivity  
(ii) explore new manpower deployment models and new | | |
models of using alternative workforce (e.g. lay extenders) improve labour force participation rates for older workers and out-of-practice groups improve sustainability and effectiveness of informal workforce engagement (e.g. volunteers)

| Health Services Research Grant – End-of-life Care | Seeks new models to tackle early decision-making and cross-sector palliative care models especially for non-cancer patients (i.e. frailty) with the best use of limited healthcare manpower. |
| Health Services Research Grant – White Space | Seeks investigator-led HSR which may provide insights on new disruptive solutions for current and future healthcare challenges. Applications will be assessed based on the ability to address the challenges of (i) increasing demand from ageing population (ii) shrinking workforce (iii) healthcare cost inflation |
| Health Services Research Grant New Investigator Grant (HNIG) | HNIG seeks to support new HSR investigators as a step towards winning their first national-level grant. - Mentor required - PI must not have held any national grants prior to HNIG award - PI must not have held any grants cumulatively exceeding $300,000 from any other sources as PI/Co-PI |

**Notes:**
- NMRC has dropped 2 priority themes that were available in 2018. PI can still submit the planned proposal under white space if the targeted themes were dropped.
HSRG is a strategic call and is used to address gaps that have been identified to be of priority to MOH.

PI should contact RSO to ensure that the proposed submission is a fit for HSRG if unsure before proceeding with the submission.

**Offline template for early preparation is available at Grant Directory**
- To note RSO remark on the proposed budget quantum in the template, even though there is no cap indicated by NMRC.

Signatures of all team members required. To be uploaded using the template provided in IGMS.

**Timelines for NMRC HSRG Apr 2019 grant call**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, 8 April 2019</td>
<td>Grant call opens and availability of application forms via IGMS</td>
</tr>
<tr>
<td></td>
<td>Indication of interest from PIs in <a href="#">Grant Directory</a></td>
</tr>
<tr>
<td>Friday, 12 April 2019</td>
<td>Submission of eligibility checks form for HNIG (applicable to non-academic track applicants)</td>
</tr>
<tr>
<td>Monday, 15 April 2019</td>
<td>RSO eligible checks for HNIG (applicable to non-academic track applicants)</td>
</tr>
<tr>
<td><strong>Thursday, 2 May 2019</strong></td>
<td>Submission of completed application package to RASS for administrative compliance checks.</td>
</tr>
<tr>
<td>Thursday, 9 May 2019</td>
<td>Submission for checks by RSO facilitated by RASS</td>
</tr>
<tr>
<td>Wednesday, 15 May 2019</td>
<td>Finalised submissions ready for endorsement to reach RSO. Applications that are still incomplete or inaccurate after this deadline may not be endorsed.</td>
</tr>
<tr>
<td>Friday, 17 May 2019</td>
<td>System closes for submission.</td>
</tr>
</tbody>
</table>

2) **MOH Traditional Chinese Medicine Research Grant**

The Ministry of Health Traditional Chinese Medicine Research Grant Call (TCMRG) is now open. The TCMRG encourages local collaborative research in Traditional Chinese Medicine (TCM). It seeks to harness TCM principles and scientific research methodologies and expertise to promote the translation of TCM knowledge into better care and improved health outcomes on a sustainable basis, and to enhance the role of TCM in policy and practice in Singapore.

**Objectives:**
- help public and healthcare professionals understand which TCM therapies have been proven to be safe and effective, empowering the public to make informed decisions about TCM treatments;
- assist policy makers by providing clinically proven treatments to serve the healthcare needs of the public;
- improve healthcare services through a more holistic approach, increasing accessibility to more evidence-based treatment options.
Research Themes:
Strategic areas and priority themes
- Asthma control
- Cost effectiveness studies, health-related quality of life studies, health promotion
- Diabetes control
- Health benefits for the elderly through traditional Chinese exercise (e.g. 太极 taiji and 八段锦 baduanjin)
- Health benefits for the elderly through traditional Chinese manipulative therapies (e.g. 推拿 tuina)
- Hypertension prevention/control
- Obesity
- Pain management, focusing on joint pain
- Post stroke rehabilitation
- Skin conditions: e.g. atopic dermatitis, eczema, psoriasis
- Substance abuse (alcohol/smoking cessation)
- Women's Health: e.g. menopause, infertility and menstrual problems

Eligibility:
- Only 1 PI per application
- PI for TCMRG should possess a minimum academic qualification of PhD and/or MBBS/BDS/PharmD/MD and/or other appropriate Postgraduate Qualification.
- Please check with RSO for eligibility if PI is not under academic track (Prof/Assoc Prof/Asst Prof/Lecturer).
- PI should have at least one first-author publication.
- PI must have access to laboratory services (biochemical/radiological) to conduct research in Singapore (if applicable, depending on the types of research) and reside in Singapore.
- Researchers from overseas institutions cannot be included as team member.

Funding details:

| Funding                           | $750,000 (inclusive of indirect costs capped at 10% of eligible funding amount)  
|                                  | Approval to submit with 10% overheads has been obtained by RSO.          |
| Direct cost                      | Maximum $681,818.18  
| Overseas conference travel: Only for approved funding > $50,000 (excluding IRC) and capped at 5% of total grant amount or $5,000 per project whichever is lower |
| Duration                         | 3 years (funding for year 2 and 3 is subjected to MOH’s approval of the progress report) |

Notes:
- All things being equal, joint collaboration between clinicians/researchers in public healthcare institutions and TCM VWOs will be accorded with higher priority.
- Contacts of possible TCM VWOs if PIs would like to approach them for collaborations:  
  - Chung Hwa Medical Institution, Mr Koh Boon Khai: xuwenkai@singaporetc.com  
  - Thong Chai Medical Institution, Ms Lin Qin Qin: gqlin@stcmi.org.sg  
  - Public Free Clinic, Mr Low: low_fw@publicclinictc.com.sg  
- Proposals that do not fulfil priority themes may still be submitted for consideration. Grants are awarded based on relevance, scientific merit, implementability, and national significance.
- Not supported: Proposals with phytochemical or pharmacological focus (e.g. extraction and/or study of chemical components in herbs) or commercial interests.
- PIs should look at past awards to ensure the scope of work proposed is in line with the MOH TCM call. Past awarded projects is available at https://www.moh.gov.sg/research-grants/traditional-chinese-medicine-research-grant

**Submission:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>1 Apr 2019</td>
<td>Please submit your indication of interest via the <a href="https://www.moh.gov.sg/research-grants/traditional-chinese-medicine-research-grant">NTU Grant Directory TCMRG 2019</a> page by <strong>1 Apr 2019</strong>. RSO will only email PIs who have indicated their interest on any changes in application requirements instead of all NTU Faculty.</td>
</tr>
<tr>
<td>1 May 2019</td>
<td>Softcopy application submission (with all supporting documents) to RASS and RSO for administrative compliance checks. Signatures of all team members not required at this phase.</td>
</tr>
<tr>
<td>22 May 2019</td>
<td>Final application submission to RSO for final checks and endorsement. Softcopy: <strong>a)</strong> single WORD doc and <strong>b)</strong> single PDF (WORD converted to PDF. Only pages with signatures should be scanned) Hardcopy: Signatures of all team members required. PI signature must be original.</td>
</tr>
<tr>
<td>31 May 2019, 5pm</td>
<td>Grant Close</td>
</tr>
</tbody>
</table>

3) **Social Science Research Thematic Grant**

1. The Social Science Research Thematic Grant (SSRTG) aims to encourage high-quality and impactful social science and humanities research in areas of strategic relevance to Singapore.

2. 2019 SSRTG call is expected to launch in **early to mid-May**. Specific themes of focus for this grant call will be announced during the Social Science Research Council (SSRC) engagement session usually held by MOE one week before the grant call opens.

3. There are two tiers of funding:
   - **Type A:** $100,000 to $1 million for up to 3 years (supports smaller-scale investigator-led research projects, and encourage broad-based participation in research in areas of strategic relevance).
• **Type B**: >$1 million to $10 million over 3-5 years (supports research programmes that pursue more ambitious, inter-disciplinary research on issues on cross-cutting interest).

**Tentative Process and Timeline:**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Process</th>
<th>Tentative Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Launch of Grant Call</td>
<td>2019 SSRTG call is expected to launch in early to mid-May.</td>
<td>Early / Mid – May 2019</td>
</tr>
<tr>
<td>2. Indication of Interest</td>
<td>Please indicate your interest (IOI) with abstract in <strong>Grant directory (click here)</strong>. Please indicate in the IOI if you would like to participate in the internal SSRTG Panel Review Meeting.</td>
<td>By Friday, 17 May 2019</td>
</tr>
<tr>
<td>3. Completion of Proposal and Slides for RASS Internal Checks</td>
<td>Submission of proposal and slides for administrative compliance checks by RASS.</td>
<td>By Monday, 27 May 2019</td>
</tr>
</tbody>
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Please contact [Juliana.Zheng@ntu.edu.sg](mailto:Juliana.Zheng@ntu.edu.sg) for more details

4) **Intra CREATE Thematic Grant Call on “Cities”**

The Intra-CREATE Thematic Grant Call on “Cities” aims to develop the scientific understanding, new technologies, and novel technologies that contribute to the Science of Cities. It aims to encourage collaboration between and across existing CREATE partners to draw upon the capabilities of the outstanding universities that are co-located at CREATE in Singapore to work together to achieve greater impact from their collaborative research efforts. An example of a well-structured initiative of this form is the Cooling Singapore project.

**Research Challenges:**
Proposals could be based on, but need not be limited to, research in one or some combination of the following areas:

a. Enhancing the liveability of dense cities

b. Working towards urban sustainability and achieving a circular economy

c. Countering the effects of climate change for dense cities in the tropics
• Public health issues confronting cities today are increasingly complex and require multiple levels of interventions. Methods such as epidemiology studies, biostatistics & modelling, health systems and behavioural sciences studies etc. with a stronger urban geospatial lens can enable the translation of science and technologies into healthier communities, and could also be applied to help cities understand and prepare for the impacts of climate change on public health. Singapore’s geographical location in the Tropics could provide a lens through which to select unique research challenges (e.g. how climate change impact tropical infectious disease) that could contribute to a big proportion of the world’s population.

d. Understanding the metabolism of cities to achieve resilience

e. Other topics

• Proposals on the theme beyond the areas indicated above are welcomed.

<table>
<thead>
<tr>
<th>Tentative Deadline</th>
<th>Purpose</th>
<th>Submitter</th>
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<tbody>
<tr>
<td>5 Apr 2019, noon</td>
<td>Indicative interest – via Grant Directory <a href="#">here</a></td>
<td>PI</td>
</tr>
<tr>
<td></td>
<td>RSO would be able to email PIs who have indicated their interest on any changes in application requirements instead of all NTU Faculty.</td>
<td>PI</td>
</tr>
<tr>
<td>8 Apr 2019</td>
<td>Submission of proposal for administrative compliance checks</td>
<td>PI (to RASS)</td>
</tr>
</tbody>
</table>

5) **British Heart Foundation (BHF) Big Beat Challenge**

The **British Heart Foundation (BHF) Big Beat Challenge** is a global competition that will culminate in a single research award of up to £30 million to an international multi-disciplinary team, which has identified and proposed a transformational solution to a significant problem in heart and circulatory disease. This challenge is designed to highlight the urgent need for novel approaches to tackle all forms of heart and circulatory disease, and to enable world-class, multi-disciplinary research teams to make real progress towards prevention, detection, treatment or cure for one or more of these conditions.

Scientific and technical rigour and excellence will be paramount, but BHF wishes to encourage submissions from teams that are prepared to take ‘**high-risk, high-reward**’ approaches.

The award is not restricted to any one type of cardiovascular disease. The applicants can propose to tackle any aspect of the entire spectrum of heart or circulatory diseases. Applications can focus on enabling significant transformation for small subsets of people, or smaller but globally important changes for large numbers of people.
Funding Details: Funding amount: up to £30 million (only 1 project will be awarded) *PI to note that 20% indirect research cost is mandatory.

Duration: 4-7 years

Eligibility Criteria: Any domain – academia, industry, technology
Do not need to have partners from the UK

Process and Key Dates:

<table>
<thead>
<tr>
<th>Stage</th>
<th>Process</th>
<th>Deadline</th>
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</table>
| Registration                     | PI to register for updates at https://www.bhf.org.uk/bigbeatchallenge/register  
|                                  | PI will need to register for an account on the application portal in order to access the application form. | From now onwards               |
| Indication of interest (IOI)     | Indication of interest via NTU Grant Directory British Heart Foundation Big Beat Challenge page.  
|                                  | RSO will only email PIs who have indicated their interest on any changes in application requirements instead of all NTU Faculty. | By Thursday, 2 May 2019       |

More details can be found here

Closing Date: 14 June 2019

6) ASEAN – INDIA Research Training Fellowship (AIRTF)

The ASEAN-India Research Training Fellowship (AIRTFT) Scheme is a flagship funding program started by Department of Science & Technology (DST), Government of India under the ASEAN India Science and Technology Development Fund (AISTDF), with Federation of Indian Chambers of Commerce and Industry (FICCI), as their implementation partner to support ASEAN young researchers to work at any of the Indian research/academic Institution. This prestigious fellowship aims at capacity building of young researchers of ASEAN Member Countries in science and technology and further strengthen the bond between India and ASEAN Member States. This fully funded fellowship is for a period of six months each with financial support for international travel, subsistence allowance, research contingency and domestic travel etc.

Applications are invited from ASEAN researchers for award of this fellowship for conducting research in Indian institutions across all areas of science and technology.
**Fields of Research**
All fields of natural and engineering sciences, including mathematics and statistics. Humanities and behavioural sciences are not covered under this scheme.

**Number of Fellowships every year:**
50

**Fellowship Duration:**
6 months

**Eligibility Criteria**
Applicant must hold nationality of any of the ASEAN Member State

Upper age limit: 45 years as on date of submission of application

Masters Degree in any Natural Sciences or an equivalent degree in Technology / Engineering / Medicine / allied disciplines

Applicant should be working in a national R&D or academic institution in his/ her home ASEAN Member country

Please note
# Applicants who have already availed AIRTF in any one of the previous years are NOT eligible to apply.
# Applicants who had applied in any of the previous years but were unsuccessful or could not avail it may re-apply for the current year.

**Call for Application:**
The completed applications / proposals can be submitted ONLINE throughout the year in two cycles ending 30th June and 31st December each year.

**For more details:**
www.aistic.gov.in/ASEAN/aistdfFellowship

7) **Mistletoe Research Fellowship Program**
1. The Mistletoe Research Fellowship program for the 2019-2020 Academic Year is currently open for application. [https://www.mistletoefound.org/mistletoe-research-fellowship](https://www.mistletoefound.org/mistletoe-research-fellowship)

2. The Mistletoe Research Fellowship fosters the development of new competencies in postdoctoral scholars and PhD candidates by offering unrestricted research funding and professional development training which includes entrepreneurial collaboration. All Mistletoe Fellows participate in two programs designed to build skills that will help Fellows to succeed and work more effectively with outside collaborators, whether they seek industry careers or remain in academia.

3. Each award provides fellowship recipients with USD10,000 of unrestricted research funding that can be applied to any university-approved research-related activity, including conference travel.
4. **Eligibility Criteria**
   - Full-time postdoctoral fellows and advanced PhD candidates in most STEM fields and some fields of social science. These broadly include: Engineering, Life Sciences, Health Science, Computer Science, Environmental Studies / Ecology / Earth Sciences, Physics, Mathematics, Chemistry, Statistics / Data Science / Informatics, and Experimental Psychology ([https://www.mistletoefound.org/mrf-faq-eligibility](https://www.mistletoefound.org/mrf-faq-eligibility))
   - Postdoctoral participants must remain full-time postdoctoral fellows throughout the 2019-2020 Academic Year.
   - PhD candidates should be “all but dissertation” and maintain full-time status with stipend support for the duration of the 2019-2020 Academic Year.
   - Citizens and non-citizens permanent and temporary residents (with valid Singapore visa) of Singapore are eligible to apply.

5. **Timeline**

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Description</th>
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<tbody>
<tr>
<td>11 Mar to 29 April</td>
<td>The Mistletoe Research Fellowship program for the 2019-2020 Academic Year is open for application.</td>
</tr>
<tr>
<td>2019, 11:59pm Pacific Time</td>
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</table>

6. All proposals must be submitted via the online application system ([https://www.mistletoefound.org/apply-here](https://www.mistletoefound.org/apply-here)) by **11:59pm Pacific Time on Monday, April 29th, 2019**. Please see the attached application instructions for further information regarding eligibility and a detailed application checklist. You may also refer to the website for detailed program FAQ: [https://www.mistletoefound.org/mrf-faq-unfettered-research-grant](https://www.mistletoefound.org/mrf-faq-unfettered-research-grant)

7. For queries, please contact Nellie Gaynor at ngaynor@mistletoefound.org with subject heading: [last name] NTU MRF Application
8) Workforce Development Applied Research Fund (WDARF) – Grant Call April 2019

The WDARF is a national level research fund to encourage inter-disciplinary research in the areas of workforce development and lifelong learning. Administered by Institute for Adult Learning Singapore (IAL), the grant is awarded through an open, competitive bidding approach. The research proposals to be funded will be approved and evaluated by a technical expert review and a Research Committee.

The WDARF Grant Call 2019 is seeking proposals under three research thrusts:
- Enabling and Sustaining Economic Performance through Workforce Development and Skills;
- Shaping Employment and Continuing Education and Training (CET) Decisions of All Stakeholders; and
- Developing Effective and Impactful Approaches in Learning, Technology and Pedagogy to Enhance Continuing Education and Training (CET).

Eligibility:
- The grant call is open to Singapore institutions including tertiary institutions and training providers, social and industry groups, as well as Government bodies with research units.
- Foreign institutions and researchers may partner these institutions to submit proposals for the grant call.
- The Principal Investigator must fulfil the following requirements at the point of application:
  a. Holds a primary full-time appointment (defined as a minimum commitment of 9 months/year) or an affiliation with an institution (may be local or foreign);
  b. Holds an EdD or PhD qualification;
  c. Has at least five (5) years of research experience, and having assume the responsibility of a Principal Investigator or Co-Principal Investigator for at least one (1) research project;
  d. Has managed project grants of the magnitude requested in the application; and
  e. Has a track record of leadership ability in leading research projects and providing mentorship to research team, as well as having productive research outcomes.
- The research team can comprise international researchers but must include at least one Singaporean or Singapore Permanent Resident. The researchers or research partnerships would be expected to have a mix of skills including:
  a. A strong understanding and appreciation of the broad policy context in the area of workforce development and lifelong learning, and its linkages to the SkillsFuture and workforce development practices and policies;
  b. Research and analytical expertise in one or more social, economic or behavioral science disciplines, and the use of multi-disciplinary approaches where appropriate.

Terms of Award:
- All submitted proposals will be evaluated by an expert panel appointed by SkillsFuture Singapore (SSG). The proposals and inputs from the expert panel will be submitted to the SSG Research Committee for selection and approval.
- Successful proposals which are accepted and approved by the SSG Research Committee will be notified by Q1 2020.

Application Procedure:
• Please refer to the WDARF Research Focus and read the WDARF Application Guidelines carefully before you complete the application form. All applicants are requested to ensure that they have complied with the WDARF application guidelines.
• Application for each research proposal is to be submitted using the prescribed WDARF Application Form (Form A2) as attached in this email. Proposals will be rejected for incomplete submissions (e.g. missing documents, missing signatures, sections left blank and so on) and failure to adhere to templates provided (e.g. proposal template, timeline and so on).
• All applications have to be verified by School and endorsed by DOR before it can be considered for evaluation.

Research Timeframe:
• Project duration shall be up to 18 months, and adhere to the approved timeline committed in the proposal.
• Projects longer than 18 months may be funded in phases and subject to approval.
• For research programmes, funding period shall be up to 3 years.

Please note the following key timeline for your attention:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Indication of interested applicants (by sending the IOI form to RASS, [Juliana Zheng at <a href="mailto:Juliana.Zheng@ntu.edu.sg">Juliana.Zheng@ntu.edu.sg</a>])</td>
<td>05 July 2019</td>
</tr>
<tr>
<td>Deadline to submit softcopy of proposal to RASS for administrative compliance checks. Softcopy submission includes Application Form A2 and All attachments.</td>
<td>11 July 2019</td>
</tr>
<tr>
<td>Deadline to send the softcopy of proposals to RSO.</td>
<td>17 July 2019</td>
</tr>
<tr>
<td>Deadline to send the fully endorsed hardcopy form to RSO.</td>
<td>24 July 2019</td>
</tr>
<tr>
<td>Selection and Approval</td>
<td>December 2019</td>
</tr>
<tr>
<td>Announcement of Call Results</td>
<td>January – February 2020</td>
</tr>
</tbody>
</table>
9) **NIE OER 22RFP Education Research Funding Programme (ERFP) Grant Call Announcement**

The Office of Education Research (OER), National Institute of Education (NIE), Nanyang Technological University, is pleased to announce its 22nd Request for Proposals (RFP) for the Education Research Funding Programme (ERFP). The 22RFP will be the first call to open to Institutes of Higher Learning (IHL) with the aim of fostering stronger collaborations with IHL partners.

**Focus of Research**

There are five priority research foci that are of strategic interest to MOE. Researchers are encouraged to explore research lines of inquiry in these priority research foci.

i. Instructional Core  
ii. Contexts of Learning  
iii. Early Childhood Education  
iv. Bilingualism and Biliteracy Education  
v. Lifelong Learning

NIE OER welcomes applications for the 22RFP in all subject areas, including the strategic research foci identified by MOE as mentioned above. Please find appended the **22RFP Grant Call Document** for more information.

**ERFP Funding Quantum**

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<tr>
<th>TIER</th>
<th>QUANTUM (4th TRANCHE)</th>
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<tbody>
<tr>
<td>1</td>
<td>&lt; S$150K</td>
</tr>
<tr>
<td>2</td>
<td>S$150K to &lt; S$350K</td>
</tr>
<tr>
<td>3 / Programmatic Proposal</td>
<td>≥ S$350k</td>
</tr>
</tbody>
</table>

Submission:  
Please inform RASS (Juliana Zheng at Juliana.Zheng@ntu.edu.sg) by 1 May 2019 if you are interested to apply.  

RASS will follow up with you regarding the internal timeline for submission.