National Priorities Research Program
Standard Track - 13th Cycle
(NPRP13-S)
January 2020

Nadine Younes,
Pre-Award Administration Manager
NPRP-S Objectives

NPRP-S aims to focus on meritorious research projects that demonstrate a potential impact on the development of Qatar’s society and economy with an emphasis on:

- Tackling needs and challenges faced by local research end-users;
- Supporting projects with tangible impacts;
- Focusing on subjects that hold strong commercial and technological potential;
- Promoting a public-private partnership culture in Qatar;
- Encouraging a more cross-cutting / interdisciplinary approach to projects;
- Stimulating scientific excellence and the advancement of knowledge in Qatar.
A renewal application may be submitted in the last year of an active grant, as long as the grant will end no later than **30 October 2020**. If the previous grant has ended, a lapse of 12 months is allowed.
Main Proposal Components

- Proposal Summary
- Priority Themes
- Institutions
- Personnel
- Research Plan
- Budget
- Ethical Compliance
**ENERGY & ENVIRONMENT**

**Energy:**
1. Advanced Materials
2. Cooling
3. Energy Efficiency
4. Oil & Gas
5. Water

**Environment:**
1. Built
2. Natural

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**BIOMEDICAL & HEALTH**

1. **Communicable Diseases** (Viral & Bacterial)
2. **Non-Communicable Diseases:**
   a. Cancer
   b. Cardiovascular
   c. Diabetes
   d. Mental & Neurological
   e. Renal
   f. Reproductive, Maternal, & Child Health

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**SOCIAL SCIENCES, ARTS & HUMANITIES**

1. **Addressing Qatar’s educational challenges**
2. Cultural Identity & the Development of Human Potential
3. Economic Diversification & Sustainability
4. Gulf Security
5. Lifestyle & Quality of Life
6. Population Growth Sustainability

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Proposals submitted under NPRP 13-S are required to be aligned to at least one of the Priority Themes.

Any personalized type of biomedical research should be submitted to the call “Path towards Precision Medicine” (PPM).
Participants

➢ **Lead-PI:**
  - Must be affiliated to an institution inside Qatar
  - Must hold PhD or any equivalent terminal degree; If LPI is from research end-user entity may not hold a terminal degree, however they must have a track record in managing technology development projects and/or research projects
  - Must have at least 5 peer-reviewed publications

➢ **PI:**
  - Must be affiliated to an institution inside or outside Qatar
  - Must hold **at least a university graduate degree** and should have good research experience relevant to the area of their projects and the tasks assigned to them.
➢ The LPI can submit only one application in this cycle.

➢ The count of an individual’s participation in all on-going NPRP/NPRP-S projects as a key investigator (KI) must not exceed four roles, excluding participation in projects ending before 1st September, 2020.
Participants

➢ Other Research Team Members
Post-docs, Research Associates, Research Assistants, GSs, UGSs, Lab Tech, Engineers

➢ Consultants
The consultant services cannot be considered as scientific or intellectual contribution to the project.
Project’s duration can be up to 4 years (12 - 48 months)

The table below shows the maximum allowed budget

<table>
<thead>
<tr>
<th>Project Duration</th>
<th>QNRF Total Grant (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 year project</td>
<td>200,000</td>
</tr>
<tr>
<td>2 year project</td>
<td>400,000 (max $250K/y)</td>
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<tr>
<td>3 year project</td>
<td>600,000 (max $250K/y)</td>
</tr>
<tr>
<td>4 year project</td>
<td>700,000 (max $250K/y)</td>
</tr>
</tbody>
</table>

The grant may not exceed US $250,000 per year for the 2 year, 3 year & 4 year projects
Budget

➢ **Budget Components**
1. Personnel
2. Equipment & Consumables
3. Travel (up to 10% of the annual direct budget)
4. Miscellaneous (up to 5% of the annual direct budget)
5. Indirect Cost (up to 20% of the annual direct budget)

➢ **Collaborators from outside can have:**
   - Max 35% of total annual budget
   - Max 50% of efforts

Private institutions as submitting or collaborative institutions are not eligible for personnel and indirect costs
Co-Funding

➢ Research end-users are eligible to act as co-funders (Private, Public, Others (Non-academic/research institutions))

➢ **Two types of co-funding:**

  1- Cash

  2- In kind

➢ **Commitment letter(s) is required from the co-funder (s)**
Co-funding

This letter is to confirm our commitment to co-fund the NRP – proposed project [ID] entitled [project title], led by [LPi name].

[Insert institution name], will commit the following resources or cash (choose whatever applies) to support the above mentioned project throughout the duration of [insert duration of the co-funding] as follows:

Co-Funding Type:
- Cash
- In-kind

<table>
<thead>
<tr>
<th>Co-Funding Type</th>
<th>Cost category</th>
<th>Description</th>
<th>Amount (USD)</th>
<th>Duration (months)</th>
<th>Year (s) of project</th>
<th>Inside/Outside Qatar</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Specify In-kind or Cash]</td>
<td>Personnel</td>
<td></td>
<td></td>
<td></td>
<td>[Year 1, year2...]</td>
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<tr>
<td></td>
<td>Capital</td>
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<td>Equipment</td>
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<td>Materials &amp; Consumables</td>
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<td>Services</td>
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<td>Travel</td>
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<tr>
<td></td>
<td>Miscellaneous</td>
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</tbody>
</table>

Total

[Repeat this table if the co-funding is of both types (cash and in-kind) will be provided]

If the project will be funded by QNRF, [Insert institution name], confirms its commitment to provide the in-kind and/or cash amount of co-funding as indicated in the table(s) above. We will comply to QNRF’s co-funding policy terms. We also fully understand that if [Insert institution name] fails to fulfill its co-funding commitment as stated above, the project may be withdrawn, suspended or terminated.

Sincerely,

Name

designation
Submission & Evaluation Process

Registration → Proposal Submission → RO Vetting → Proposal Screening

Submission Process

Evaluation Process

1\textsuperscript{st} Tier: Peer Reviewing (Scientific Review)

2\textsuperscript{nd} Tier: Programmatic Review

Shortlisting → Panel Evaluation

Award Announcement

Funding Decision → Approval → QNRF Funding Recommendations
Submission & Evaluation Process

Registration → Proposal Submission → RO Vetting

Proposal Screening

Award Announcement

Funding Decision

Approval

QNRF Funding Recommendations

Peer Reviewer’s Evaluation Criteria:

1. Intellectual Merit (25%)
2. Expected Impact (35%)
3. Work plan (20%)
4. Qualifications of team (20%)
5. Budget (Provide Comment)
6. Research Compliance (Provide Comment)
Changes on Q-grants

Intellectual Property (IP)

1. Research problems and expected outcomes
2. Novelty of the expected inventions / Originality of the expected literary work
3. Inventiveness
4. Exploitation
1. Research problems and expected outcomes (Please specify the problem you aim to solve or enhancement that you intend to achieve through your research. Also, please identify clearly the tangible outcome expected of your research, e.g., product, software, process, etc.) *
(Maximum 10000 characters)

2. Novelty of the expected inventions / Originality of the expected literary work (Please elaborate on the novelty of your expected tangible outcome. Novelty is the first condition of patentability. Originality applies when your outcomes are covered by copyright laws. Please refer to the scientific as well as the technological literature) *
(Maximum 10000 characters)

3. Inventiveness (if applicable, please explain the degree of "inventiveness" of the expected tangible outcome of your research. "Inventiveness" is a measure of departure from existing solutions. An outcome may be novel but not inventive if it is not sufficiently distinct from other similar or previous outcome. In some literature the word "non-obviousness" is used interchangeably with "inventiveness". Inventiveness is the second condition of patentability.) *
(Maximum 10000 characters)

4. Exploitation (Please explain the benefits of your expected outcome to the end-users. Such benefits will establish the "exploitability" of the outcome in terms of commercial, or any other form of impact. Exploitation is the third condition of patentability.) *
(Maximum 10000 characters)
NPRP13-S Timeline

- Proposal submission (11 weeks)
- RO vetting (12 weeks)
- QNRF Proposal Screening (4 weeks)
- Proposal Peer Reviewing, Programmatic Evaluation, Score Analysis & Funding Decision (20 weeks)
- Receiving Complementary documents for funded projects (8 weeks)

**Timeline:

- Dec 2019
- Feb 2020
- Mar 2020
- Apr 2020
- Sep 2020
- Nov 2020**
All policies and templates are available on QNRF website (www.qnrf.org)

## Download Center

<table>
<thead>
<tr>
<th>File Name</th>
<th>Download</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPRP-STANDARD (NPRP-S) 13TH CYCLE</td>
<td></td>
</tr>
<tr>
<td>Request For Proposal (RFP) of NPRP13-Standard</td>
<td></td>
</tr>
<tr>
<td>NPRP13-S Research Plan Template</td>
<td></td>
</tr>
<tr>
<td>Supporting Letter Template</td>
<td></td>
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</tbody>
</table>

### Other Related Documents

- Kick-off presentation template
- Items Not Allowable under Miscellaneous
- Grant Application Guide (GAG)
- Requirements for IRB Certification and Research Assurance
- Screening and Disqualification
- Other Components
- Evaluation Letter Template
- Evaluation Requirements

## Special Programs

- Technology Development Fund (TDF)
- Conference and Workshop Sponsorship Program (CWP)
- Qatar-UK Research Networking Programme (Q-UKRNP)
- Best Representative Image of an Outcome (BRIO)

## Policies, Rules and Regulations

- RO Registration Policy
- Qatar National Research Strategy (QNRS)
- Intellectual Property & Technology Transfer
- Intellectual Property Submission Guidelines
- Intellectual Property Policy
- Code of Practice
- Research Ethics Guide (REG)
- Co-Funding Policy
- Travel Policy
- Data Management Plan Policy
- Research Misconduct Policy
- Policies, Rules and Regulations of MoPH
- Performance Monitoring System (PMS)
- QSTP Full Technology Readiness Levels
Make sure to use the updated templates

Please use Institution letterhead

Dr. Abdul Sattar Al-Taie,
Executive Director
Qatar National Research Fund
Qatar Foundation
P.O. Box 5829
Doha Qatar

Date:

Subject: Supporting letter for collaborative research work

Dear Dr. Al-Taie,

This is to certify that our Department/Division supports the application of the following key investigators to collaborate with the Submitting Institution in Qatar to participate in the research proposal (NPRP. ID XXXXXXXX) in the 13th cycle of the National Priorities Research Program - Standard (NPRP-S) of QNRF.

<table>
<thead>
<tr>
<th>Name</th>
<th>Role (PI)</th>
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</tbody>
</table>

This is also to confirm that the above key investigators, if awarded a grant, will remain fully committed for the successful completion of the above project.

Sincerely,
Grant Application Guide (GAG) showing step by step instructions on Q-Grants is online
Available Support to Researchers

Image of Robotic Hand Designed based on Origami, by Soroush Kamrava QU (NPRP7-882-2-326), BRIO 2017/2018
To apply for any of the programs please register on www.qgrants.org and follow the steps and instructions in the download center.

Each program and call has its download center with their guidelines for applications (RFP or CFP), and templates http://www.qnrf.org/en-us/Funding/Research-Programs/National-Priorities-Research-Program-NPRP

Search engine for equipment that were obtained through QNRF grants and are available for use, the portal provides details on the accessibility and contact details of the focal point for each equipment. https://rd.qgrants.org/Public/AssetSearch.aspx

Internal search network for awarded researchers and sponsored capacity, to make use of existing local capacity in research and establish collaborating network.

Queries about any program can be communicated via https://support.qnrf.org/conversation/new
Competitive Research Funding Programs

Joint Funding Calls
Thematic & Grand challenges Research Program (TGRP)

- Food Security 1st Call (Jointly funded with Ministry of Municipality & Environment)
- Path towards Precision Medicine (PPM) 4th Call (Jointly funded with Qatar Genome Program)
- Smart Cities 3rd Call (Jointly funded with TUBITAK)
- OSRA 5th Call (Jointly funded with DIFI on Family Studies)
- Towards Sustainability of Soils and Groundwater (Jointly funded with Belmont Forum)

NPRP-Cluster
(National Priorities Research Program-Cluster track)

- NPRP-Cluster 3rd Call (NPRP-C) $5M/5y
- $700K/4y

2nd quarter
Review
Open
Soon
Thank you

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