

Research Proposals offered by different National and International Agencies

Issue 10th: May 2020

ORIC University of Malakand

1. ISLAMIC DEVELOPMENT BANK (ISDB) CALL FOR INNOVATION VIA TRANSFORM FUND 2020 ENHANCING MEMBER COUNTRIES PREPAREDNESS AND RESPONSE TO COVID-19 PANDEMIC (Deadline: 1st June, 2020)

Transform Fund Call for Innovation 2020 will focus entirely on supporting Member Countries long-term preparedness and response to the COVID-19 pandemic. This Call will operate in addition to the IsDB Group's other wide-ranging initiatives coordinated by our Strategic Preparedness and Response Facility.

Open from 1 April 2020, the Call for Innovation will identify, encourage and reward innovative proposals that will benefit local communities focused on the following:

Priority Areas:

1. The application for advanced technology
2. Innovative health supply chain management system
3. Development of low-cost rapid tests and screening methods
4. Capacity building interventions

For further details please follow the given below link:

<https://www.isdb-engage.org/en/challenge/call-for-innovation-via-transform-fund-2020>

2. Call For Joint Research Proposals For The 18th Protocol On Scientific And Technological Cooperation Between Pakistan And China 2020 (Deadline: 1st June, 2020)

The Public Sector R&D/ Academic organizations/ Institution/Universities of Pakistan are requested to submit Joint Proposal(s) for Financial Support preferably in the following priority

areas of common interest to both Pakistan and China for consideration under the bilateral framework of the ongoing Eighteenth (18th) Protocol on Pakistan-China Scientific & Technological Cooperation.

Priority Areas:

1. Emerging ICT areas including cyber security, IOT, Artificial Intelligence and Robotics
2. Advanced materials and Nano sciences
3. Renewable energy technologies
4. Cold storage technologies
5. Heat tolerant genes and hybrid seed technologies
6. Dry land agriculture and water resources
7. Herbal medicines
8. COVID 19

For Further details please follow the given below link:

<http://most.comsatshosting.com/Advertisements/Call%20for%20Joint%20Research%20Proposals.pdf>

3. AWS DIAGNOSTIC DEVELOPMENT INITIATIVE (DDI) (Deadline: 30th June, 2020)

The Amazon Web Services (AWS) Diagnostic Development Initiative (DDI) provides support for innovation in rapid and accurate patient testing for 2019 novel coronavirus (COVID-19), and other diagnostic solutions to mitigate future outbreaks. Although vaccine and treatment development research is generally funded by private foundations and government agencies, fast and reliable diagnostic techniques are slow to be developed. Accurate testing and diagnosis at point-of-care or regional locations for patients with COVID-19 is critical to early intervention and treatment. AWS is offering technical support and providing AWS promotional credits to support the use of AWS services to advance diagnostic research for selected institutions and companies.

The AWS Diagnostic Development Initiative supports AWS customers who are working to bring better, more accurate diagnostic solutions to market faster. Given the need, the emphasis initially will be on COVID-19, but they will also consider other infectious disease diagnostic projects. The program will be open to accredited research institutions, research consortia, and private entities, that are using AWS to support research-oriented workloads for the development of point-of-care diagnostic (testing that can be done at home or at a clinic with same-day results) and other diagnostic techniques. They will not support administrative workloads to run routine IT operations through this program.

For Further details please follow the given below link:

<https://aws.amazon.com/government-education/nonprofits/disaster-response/diagnostic-dev-initiative/>

4. LET'S FIGHT COVID-19 THROUGH INNOVATION (No Deadline)

Ignite is looking forward to provide funding support to high-impact and short time-to-market ideas that can be developed to tackle the most pressing challenges by COVID-19 outbreak.

Applications are expected from legally registered local entities including manufacturing companies, research groups from academia, R&D based industrial setup, startups and other relevant organizations. All COVID-19 related proposals would be processed on priority basis.

Priority Areas:

1. Point-of-care diagnostic
2. Monitor and control
3. Prophylactics and therapeutics
4. Electromedical equipment
5. Personal Protective Equipment
6. Predictive modeling using AI
7. Innovation in industrial raw materials
8. Developing production processes/methods
9. Innovation for production line automation
10. Solutions to monitor food/ration supplies
11. Awareness and understanding COVID-19
12. Others

There is no deadline for submission of the application; however, the quicker we act, the more we save our nation. Don't wait, submit the proposals now

For Further details please follow the given below link:

<https://ignite.org.pk/covid19/>

5. 2020-2021 JOINT EMRO/TDR SMALL GRANTS SCHEME IMPLEMENTATION RESEARCH ON INFECTIOUS DISEASES OF POVERTY (Deadline: 1st June, 2020)

The WHO Regional Office for the Eastern Mediterranean and the Special Programme for Research and Training in Tropical Diseases (TDR) are pleased to announce the 2020–2021 call for applications of the Joint EMRO/TDR Small Grants Scheme for implementation research in infectious diseases of poverty.

The call welcomes research which links more than one priority in the list below, as well as involving EMR-based healthcare delivery and disease control programmes with research / academic institutions.

Priority Areas:

1. Neglected Tropical Diseases (NTD)
2. Malaria
3. Tuberculosis

For Further details please follow the given below link:

<https://www.who.int/tdr/grants/calls/small-grants-2020-21-emro/en/>

6. HEALTH SECURITY & PANDEMICS (Deadline: 18th June, 2020)

Over \$1.5 million in prize funding is available for Solve's 2020 Global Challenges, including Health Security & Pandemics.

Coronavirus disease 2019 (COVID-19) is the latest in a series of infectious disease emergencies, including cholera, Ebola, SARS, Chikungunya, HIV/AIDS, and influenza. While scientists and drug developers, with support from governments and multilateral organizations, have been rushing to produce, test, and deliver vaccines and treatments, tech innovators also have a crucial role to play, both in the near term and to prevent and mitigate future disease outbreaks.

In the near term, we need improved solutions for prevention, accurate detection, and rapid response. MIT Solve is seeking tech innovations that can slow and track the spread of an emerging outbreak, for example by improving individual hygiene, developing low-cost rapid diagnostics, analyzing data that informs decision making, and providing tools that support and protect health workers.

At the same time, we cannot solely treat disease outbreaks reactively. Climate change and globalization leave us ever more vulnerable to future epidemics and pandemics, and it's critical to be prepared. Solve is also seeking solutions that focus on preventative and mitigation measures that strengthen access to affordable primary healthcare systems, enhance disease surveillance systems, and improve healthcare supply chains.

For Further details please follow the given below link:

<https://solve.mit.edu/challenges/health-security-pandemics#challenge-subnav-offset>

MANAGEMENT SCIENCE

7. SPECIAL ERG CALL ON THE ECONOMIC IMPACTS OF CORONAVIRUS (Deadline: 1st June, 2020)

PEDL invites applications to this special Exploratory Research Grant call for projects addressing the economic impacts of coronavirus. These impacts are already being severely felt across the world and for many developing regions the worst is still to come. PEDL, alongside its new partner CDC Group, is looking to fund research that can inform policymakers and other stakeholders on the economic impacts of coronavirus in developing countries so that the costs can be mitigated as much as possible.

While PEDL and CDC's research focuses overlap in several areas, listed below are several examples of topics of particular interest related to coronavirus for each organisation.

Priority Areas: (for PEDL)

1. Income transfers to labour and firms (of all sizes, both formal and informal)
2. Disruption to markets
3. Disruption to supply chains, especially those of critical sectors (e.g. food, export sectors with continued demand, etc.)

Priority Areas: (for CDC)

1. The provision of finance to large firms and the effectiveness of current financing models to deal with the impacts of coronavirus
2. How firms will maintain employment relations and what are the most likely consequences for skilled and unskilled labour
3. Disruption to supply chains as outlined above

For Further details please follow the given below link:

<https://pedl.cepr.org/content/special-call-proposals-economic-impacts-coronavirus>