



*NATIONAL & INTERNATIONAL
RESEARCH FUNDING AGENCIES*

2020

OFFICE OF RESEARCH INNOVATION & COMMERCIALIZATION, UNIVERSITY OF KARACHI



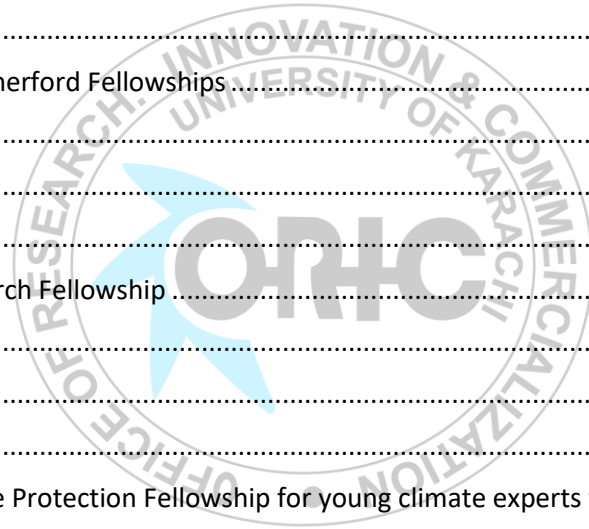


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International Grants

1. Cultural Grant Assistance Program (Japan)

Cultural Grant Assistance is a part of Official Development Assistance (ODA), provided to contribute to the promotion of cultural and higher educational activities and preservation of cultural heritage in developing countries. It is administered through two schemes: Cultural Grant Assistance and Grant Assistance for Cultural Grassroots Projects.

CULTURAL GRANT ASSISTANCE:

- Purpose: Promotion of culture and higher education, preservation of cultural heritage
- Content: Provision of equipment, Construction/Rehabilitation of facilities
- Eligible Recipient: National government agencies GRANT ASSISTANCE FOR CULTURAL GRASSROOT

PROJECTS:

- Purpose: Promotion of culture and higher education, preservation of cultural heritage.
- Content: Provision of equipment, Construction/Rehabilitation of facilities.
- Eligible Recipient: local authorities, NGOs, etc.
- Grant limit: 10 million yen per project.

Areas of Research

(1) GCGP directly supports the promotion of culture and higher education at the grass-roots level in each country, while also serving as cooperation which encourages understanding of and cultural exchanges with Japan.

Currently, one of the priority area of GCGP is sport fields as a part of the "Sport for Tomorrow" initiative.

(2) The following types of projects will not be eligible.

The projects that do not contribute to the economic and social development

The projects which do not benefit people at the grass-roots level

The projects that are intended for political or religious purposes

- The projects that could be intended for military purpose

The projects which include the provision of luxury articles such as alcoholic beverages and cigarette.



Contact Details

Ministry of Foreign Affairs of Japan 2-2-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8919, and Japan. Phone: +81-(0)3-3580-3311 Japan Corporate Number (JCN): 9000012040001

Website: <https://www.mofa.go.jp/policy/oda/category/cultural/index.html>

2. DEBRA INTERNATIONAL

Every year, DEBRA International launches calls for EB researchers anywhere in the world to submit applications for funding to support their EB research projects in areas that have been determined to be priorities by DEBRA groups and the international EB Community.

Areas of Research

1. Improving understanding of EB biology to create new concepts for diagnosis and treatment.
2. Developing disease-modifying and curative therapies.
3. Preventing and curing severe disease consequences: chronic wounds, fibrosis, and cancer.
4. Improving clinical care and symptom relief through research.

Contact details

Am Heumarkt 27/1 | 1030 Vienna | Austria

Website: <https://www.debra-international.org/for-researchers>

3. Grand Challenges Canada

Grand Challenges Canada is dedicated to supporting Bold Ideas with Big Impact®. Funded by the Government of Canada and other partners, Grand Challenges Canada funds innovators in low- and middle-income countries and Canada. The bold ideas Grand Challenges Canada supports integrate science and technology, social and business innovation – known as Integrated Innovation.

One of the largest impact-first investors in Canada, Grand Challenges Canada has supported a pipeline of over 1,300 innovations in 106 countries. Grand Challenges Canada estimates that these innovations have the potential to save up to 1.78 million lives and improve up to 64 million lives by 2030. Grand Challenges Canada is hosted in Toronto at the Sandra Rotman Centre at the University Health Network.

Areas of Research

Organizations have announced further funding opportunities to address the global COVID-19 pandemic.



Contact details

info@grandchallenges.ca

Website: <https://www.grandchallenges.ca/funding-opportunities/>

4. Grand challenges explorations (Bill & Melinda Gates Foundation)

Grand Challenges is a family of initiatives fostering innovation to solve key global health and development problems. In 2003, the Bill & Melinda Gates Foundation launched Grand Challenges in Global Health, which came to include multiple funding partners. This initiative focused on 14 major scientific challenges that, if solved, could lead to key advances in preventing, treating, and curing the diseases and health conditions contributing most to global health inequity. Grand Challenges in Global Health awarded 44 grants - totaling over \$450 million for research projects involving scientists in 33 countries – and funded an additional supporting project addressing ethical, social, and cultural issues across the initiative.

Eligibility Criteria

- Investigators and institutions not located in Sub-Saharan Africa or South Asia
- Investigators not studying local foods (specific to the culture or geography)
- Investigators not investigating local populations
- Proposals that do not contain a human interventional study targeted towards women of reproductive age. No studies on child populations will be funded.
- Proposals not addressing all the stated study design criteria above
- Proposals that do not demonstrate a capacity to perform the research proposed; investigators should describe capacity for human studies, sample collection, processing and storage, including but not limited to:
 - Relevant approvals from local authorities/institutions/Government on the research methodology and sharing of data among collaborators, eventually for global access
 - Data analysis and adherence to relevant local laws/ policies pertaining to data sharing, hosting and data protection.
 - Secure handling of personally identifiable information data and research results
 - Institutional Review Boards or equivalent human study regulation strategy
 - Sample collection capacity/protocols and capacity for sample storage
 - Ability to perform human biological sample characterization as proposed

Contact Details

Website: <https://gcgh.grandchallenges.org/grant-opportunities>



4. Horticultural research program study (ACIAR)

The Horticulture Program aims to improve the productivity, profitability and sustainability of fruit, vegetable, ornamental and beverage crops in developing countries to improve livelihoods and deliver, safe nutritious food.

The focus is on improving production practice to increase yield and minimizing pre-harvest and post-harvest loss, working along the supply chain and across a large variety of commodities, including banana, mango, pineapple, citrus, sweet potato, coconut, cocoa, coffee and various indigenous and traditional vegetables.

Areas of Research

Research supported by the program focuses on increasing on-farm productivity, through integrated crop management, disease and pest control, climate resilience and improved post-harvest storage and management. Beyond the farm, the focus is on biosecurity, export development and market development of new products.

Contact details: 38 Thynne St, Bruce ACT 2617, Phone 61 2 6217 0500 | Fax 61 2 6217 0501

ABN 34 864 955427

Website: <https://aciar.gov.au/funding>

5. Horizon 2020

Horizon 2020 is the financial instrument implementing the Innovation Union, a Europe 2020 flagship initiative aimed at securing Europe's global competitiveness.

Horizon 2020 is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.

Eligibility Criteria

For details please Visit the following link

https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-h-esacrit_en.pdf



Contact Details

0080067891011 (from inside the EU) +32 2 299 96 96 (from outside the EU)

Website: https://ec.europa.eu/info/research-and-innovation_en

6. Japan World Exposition 1970 Fund Grant

The Japan World Exposition 1970 Commemorative Fund Grant program (JEC Fund Grant program) was established in commemoration of the success of the Japan World Exposition of 1970 (Expo '70), the theme of which was "Progress and Harmony for Mankind," to convey the legacy and ideals of Expo '70 to future generations. A part of the revenues from Expo '70 was managed as the Fund. The JEC Fund Grant program has offered grants (JEC Fund Grants) to approximately 4,500 projects with a part of the investment income of the Fund since 1971.

Areas of Research

Projects that inherit the idea of Expo '70 and match the aim of the Japan World Exposition*1 qualify for the JEC Fund Grant.

Project contributing to international understanding

- Project contributing to international cultural exchange or enhancement of international goodwill
 - Project contributing to international cultural exchange.
 - Project contributing to international cooperation.
- International project in the field of education or academic study
 - International project in the field of education
 - International project in the field of academic study

Projects with either of the following themes are given preference in screening.

- To inherit and evolve the idea of Expo '70 toward EXPO 2025 Osaka, Kansai, Japan (Expo 2025), resulting in the creation of values for a new era, and contribute to the success of Expo 2025

Contact Details

Nakanoshima Center Building 29 th floor, 6-2-27 Nakanoshima, Kita-ku, Osaka 530-0005, JAPAN, +81-6-7507-5945.

Email: jec-fund@osaka21.or.jp

Website: <https://www.osaka21.or.jp/jecfund/english/information/>



7. New Investigator awards By Wellcome Trust

Wellcome is a politically and financially independent global charitable foundation, funded by a £26.8 billion investment portfolio.

Their strategy includes grant funding, advocacy campaigns and partnerships to find solutions for today's urgent health challenges. The founder, Sir Henry Wellcome, was a pharmaceutical entrepreneur. The governance is based on an updated version of his will, in which he left his wealth, his collection of historical medical items, and mission to improve health through research.

Areas of Research

- Mental health: Working with people who have lived experience of mental health issues to improve research, understanding and treatment of mental health.
- Global heating: Working with the communities most affected by climate change to explore the harmful effects of global heating on health, and to use research to develop new ways of protecting people's health.
- Infectious diseases: Working with communities affected by escalating infectious diseases to bring those diseases under control and stop epidemics.

Contact Details

+44 (0)20 7611 5757

Website: <https://wellcome.org/grant-funding/schemes/investigator-awards-science>

8. Pak-Norway institutional Cooperation framework:

NORAD is an agency directorate under the Norwegian Ministry of Foreign Affairs. In matters regarding Norway's International Climate and Forest Initiative (NICFI), Norad reports to the Norwegian Ministry of Climate and Environment. The main purpose is to ensure that Norwegian development aid funds are spent in the best possible way, and to report on what works and what does not work. It has five main tasks:

1. Aid advisory services
2. Quality assurance and monitoring
3. Grant programmes
4. Communication
5. Evaluation



Contact Details

Bygdøy allé 2, 0257 Oslo, Norway, Pb. 1303 Vika 0112 Oslo, +47 23 98 00 00

Email: postmottak@norad.no

Website: <https://norad.no/en/front/funding/>

9. Science and Technology Research Partnership For Sustainable

SATREPS is a Japanese government program that promotes international joint research. The program is structured as a collaboration between the Japan Science and Technology Agency (JST), which provides competitive research funds for science and technology projects, and the Japan Agency for Medical Research and Development (AMED), which provides competitive research funds for medical research and development, and the Japan International Cooperation Agency (JICA), which provides development assistance (ODA). Based on the needs of developing countries. Any developing countries also have an urgent need to enhance their independent capacity to comprehensively handle global issues and train appropriate human resources. Japan is often approached by countries working towards sustainable development and hoping to boost their capacity for science and technology. They aim to do this by enhancing the self-reliant R&D capabilities of universities and other research institutes, and by constructing sustainable systems for problem solving. In order for human society to develop in a sustainable manner, and in order to make progress with research on the global issues that are increasingly important for the research community, Japan considers it essential to put more effort into collaborative research between researchers in Japan and in developing countries.

Areas of Research

Following are the areas of Research

- Environment / Energy
- Bio resources
- Disaster Prevention and Mitigation

Contact Details

Japan Science and Technology Agency (JST), Department of International Affairs SATREPS Group

Telephone# +81-3-5214-8085

Email: global@jst.go.jp

Website: <https://www.jst.go.jp/global/english/koubo.html>



10. The Academy Of Finland

The Academy of Finland is a government agency within the administrative branch of the Finnish Ministry of Education, Science and Culture. Our mission is to fund high-quality scientific research, provide expertise in science and science policy, and strengthen the position of science and research. In 2020, the funding for research amounts to 423 million euros. Each year, our funding contributes to some 3,000 people's work (FTEs) at universities and research institutes.

Contact Details

Hakaniemenranta 6, PO Box 131, FI-00531 Helsinki.

Email: kirjaamo@aka.fi

Website: <https://www.aka.fi/en/research-funding/apply-for-funding/calls-for-applications/>

11. International Climate Protection Fellowships Germany

The research fellowships and research awards allow you to go to Germany and to work on a research project one have chosen together with a host and a collaborative partner. Scientist or scholar from Germany can profit from the foundations support and carry out a research project abroad as a guest of one of more than 30,000 Humboldt Foundation alumni worldwide. As an intermediary organization for German foreign cultural and educational policy the foundation promotes international cultural dialogue and academic exchange.

Contact Details

Humboldt Foundation in Bonn, Jean-Paul-Str. 12, 53173 Bonn, GERMANY

Telephone # +49 228 833-0, +49 228 833-199

Email: info[at]avh.de

Website: https://service.humboldt-foundation.de/pls/web/pub_register.main?p_package=hfst&p_lang=en

12. PERIDOT

PERIDOT is the Franco-Pakistani Hubert Curien Partnership (PHC) providing opportunities to Pakistani and French researchers to interact for joint research activities. The program is implemented in Pakistan by the Higher Education Commission (HEC) and in France, jointly by the Ministry of Europe and Foreign Affairs (MEAE) and the Ministry of Higher Education, Research and Innovation (MESRI). The objective of this program is to develop new scientific and technological cooperation between French and Pakistani higher education institutions/research



Areas of Research

Energy, Health, Human & Social Sciences, Climate Change, IT for Peace and Conflict Resolution

Eligibility Criteria

Applicant (PI) must hold a full time faculty position at public/HEC-approved private university for research funding. The major cost of the project will be borne by the participating universities from Pakistan and France.

The program will support only mobility of the researchers to and from Pakistan. Mobility of young researchers, especially doctoral students (enrolled under supervision by the PI) is one of the key objective. Project must be submitted on Campus France website: <http://www.campusfrance.org/en/phc>. The host institution must guarantee having the needed capacities (e.g. working space) to accommodate the visiting fellows. Project life will be for 03 years.

Contact Details

Ms. Noshaba Awais Director Research & Development Division Higher Education Commission Sector H-9 Islamabad. E-mail: nawais@hec.gov.pk

Mr. Waheed Khizar. Assistant Director Research & Development Division Higher Education Commission Sector H-9 Islamabad. E-mail: wkhizar@hec.gov.pk

Website: <http://hec.gov.pk/english/services/faculty/peridot/Pages/default.aspx>

13. ARVO Foundation for eye research- Developing Country Eye Researcher Travel Fellowship program

The Developing Country Eye Researcher Travel Fellowship (DCERF) program brings aspiring scientists from developing nations to the ARVO Annual Meeting. The goal of the program is to provide young researchers with access to the latest in vision science while offering the opportunity to network with colleagues, mentors and thought leaders to develop an effective vision research program in their home countries. Applications are open annually from Sept. 1 through Dec. 1. Winners are notified in mid-January. The Fellowship began in 2008 and has since brought 106 researchers from 42 different countries to the ARVO Annual Meeting.

DCERF award includes: Airfare and hotel accommodations, Per diem, Annual Meeting registration, One year of ARVO membership, Annual Meeting mentor, Up to the maximum \$4,500 per award.



Areas of Research

Can be interested in any area of eye and vision research, whether basic or clinical research, epidemiology, public health, infectious diseases, genetics or a particular subspecialty.

Eligibility Criteria

Must be a citizen of a developing country as defined by the most recent World Bank income classifications; low, lower-middle and upper-middle income economies qualify. Must have either an MD or PhD or equivalent professional degree. Graduate students in scientific areas with an interest in entering basic vision research or residents in ophthalmology who are interested in academic careers as clinician-scientists are also eligible. Must have a desire to pursue a career in teaching and research in vision and ophthalmology, whether clinical or basic, in their home countries. Cannot be studying or training outside of his/her home country at the time of his/her recommendation for the award; the candidate must be established in his/her home country and currently employed or practicing in a field related to eye and vision research.

Contact Details

ARVO Foundation for Eye Research, 1801 Rockville Pike, Suite 400, Rockville, MD, 20852. Phone +1.240.221.2950. Fax +1.240.221.0370. Email info@arvofoundation.org

Website: <http://www.arvo.org/foundation/dcerf/>

14. Commonwealth Rutherford Fellowships

Commonwealth Rutherford Fellowships are for highly skilled researchers from other Commonwealth countries to spend one or two years at an eligible UK university or higher education institution conducting postdoctoral research.

These fellowships are funded by the UK Department for Business, Energy and Industrial Strategy (BEIS) through the Rutherford Fund, with the aim of attracting global talent and supporting the UK's research base. Up to 50 fellowships are available.

Areas of Research

All disciplines that will cause innovation in commonwealth countries.



Eligibility Criteria

Highly skilled and highly motivated PhD graduates whose proposed research topic is innovative, timely, and likely to lead to wider impact beyond the academic community and build research collaboration between the UK and other Commonwealth countries.

Contact Details

Commonwealth Scholarship Commission in the UK, Woburn House, 20-24 Tavistock Square, London WC1H 9HF, UK. Telephone: +44 (0)207 380 6700

Website: <https://cscuk.fcdo.gov.uk/current-scholars/>

15. Georg Forster Research Fellowship

Currently, up to 75 Georg Forster Research Fellowships can be granted annually. In the last few years, about one third of applications were successful.

The fellowship offers:

- A monthly fellowship of €2,650 for postdoctoral researchers (doctorate completed within the last four years) or €3,150 for experienced researchers (doctorate completed within the last 12 years),
- A flexible starting date and - for experienced researchers - the option of splitting the fellowship up into a maximum of three stays,
- Individual mentoring during the sponsorship period,
- Intensive German language course for fellows and their marital partners prior to the fellowship,
- Additional financial support for accompanying family members and items like travel expenses and
- Comprehensive alumni sponsorship once the research stay has come to an end, such as a Return Fellowship or further stays in Germany.

Areas of Research

All fields that help in development in host country.

Eligibly Criteria

If you are a researcher with above average qualifications in a developing or transition country , if you intend to carry out long-term research of your own choice (6 to 24 months) at a research



institution in Germany together with an academic host you have chosen yourself, if your research outline includes aspects that are important for the continued development of your country or region of origin and if you want to contribute to the exchange of knowledge and methods between Germany and your country of origin.

Contact Details

Alexander von Humboldt Foundation, Jean-Paul-Str. 12, 53173 Bonn, GERMANY. Alexander von Humboldt Foundation, Berlin Office: WissenschaftsForum Markgrafenstr. 37 10117 Berlin, GERMANY. Phone: +49 (0)228-833-0 Fax: +49 (0)228-833-199. E-mail: info@avh.de

Website: <https://www.humboldt-foundation.de/web/georg-forster-fellowship.html>

16. International Climate Protection Fellowship for young climate experts from developing countries

The fellowship offers:

- A monthly fellowship of between €2,150 and €2,650, depending on your qualifications,
- Individual mentoring during your stay in Germany,
- Additional financial support for items such as family members accompanying you, travel expenses or a German language course,
- A three-week introductory phase, during which you will have the opportunity to make contact with other climate protection fellows and visit companies, research institutions and cultural events in Germany,
- Extensive alumni sponsorship, particularly to help you sustain contact with collaborative partners in Germany during your entire professional career.

Areas of Research

Scientific, engineering-based, legal, economic, health-related or social aspects of climate change.

Eligibility Criteria

Submit an application, if you are a future leader from a non-European transition or developing country, are active in any of the following areas: scientific, engineering-based, legal, economic, health-related or social aspects of climate change, are interested in spending a year working with a host of your choice in Germany on a research-based project you have developed yourself in the field of climate protection and climate-related resource conservation.



Contact Details

Alexander von Humboldt Foundation, Selection Department, Jean-Paul-Str. 12 53173 Bonn Fax: 0228-833 212

E-mail: info@avh.de

Website: <https://www.humboldt-foundation.de/web/icf.html>

17. IGNITE: NGIRI

The program aims to assist final year undergraduate students of ICT related disciplines studying in the Institutions by providing them financial assistance for developing prototypes / working models of their Final Year Projects (FYP) in order to increase creativity, innovation and hands on engineering and development skills.

Areas of Research

1. Telecommunications
2. Information Technology
3. Information communication technology

Eligibility Criteria

Undergraduate Final year student

Website: <https://ignite.org.pk/national-grassroots-research-initiative/>

18. Let's Fight Covid-19 through Innovation

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.

Areas of Research

- Point-of-care diagnostic
- Monitor and control
- Prophylactics and therapeutics
- Electro medical equipment



- Personal Protective Equipment
- Predictive modeling using AI
- Innovation in industrial raw materials
- Developing production processes/methods
- Innovation for production line automation
- Solutions to monitor food/ration supplies
- Awareness and understanding COVID-19

Eligibility Criteria

N/A, There is no deadline for submission of the application; however, the quicker we act, the more we save our nation

For further information please follow the given link:

https://fundooding.com/ignite_web/?page_id=80808

19. Pandemic/COVID19 Science, Technology and Social Impact

Cisco Research Center (CRC) connects researchers and developers from Cisco, academia, governments, customers, and industry partners with the goal of facilitating collaboration and exploration of new and promising technologies.

Areas of Research

- Edge Computing
- Future of Work
- Ethics in AI
- Securing 5G and Network Function Virtualization Infrastructure in Cloud Native Deployments
- Intent-Based Networking for the Enterprise
- Insider Threat
- Legal Implications for IoT, Machine Learning and Artificial Intelligence Systems
- Security Assurance for Agile, Continuous Deployment and DevOps
- Robust and Transparent Cryptography
- Semiconductor Reliability
- Economic Impact of Cyber-risk
- Anonymity and Privacy
- Threat Mitigation
- Integrity
- Distributed Storage Systems: Coding, Caching, Data Management, and Hyperscale Data Centers
- Edge compute Distributed/edge Computing, Ecosystem, Architecture and Applications
- Named-Data Caching, Routing and Security
- 3D IC Integration and Enabling Technologies
- Wireless and Mobile



Eligibility Criteria

The Applicant and Principal Investigator listed on a proposal must each be a full-time faculty or research staff member at a university or other research institution. Students, adjunct faculty, or part-time faculty/staff may participate in the research and be listed on the proposal but may not be a Principal Investigator.

For further information please follow the given links:

<https://research.cisco.com/research#rfp-201592>

20. Mozilla Foundational Technology

Mozilla currently relies on a number of open source and free software projects. In some cases the software produced by these projects is incorporated into Mozilla products. In other cases we run it as part of our infrastructure, or Mozillians use it to get their jobs done. The Foundational Technology track is open to such projects who are in need of funds..

Areas of Research

Software development for Mozilla.

Eligibility Criteria

Open for all software developers.

For further information please follow the given links:

<https://www.mozilla.org/en-US/moss/foundational-technology/>

21. INSEAD Deepak and Sunita Gupta Endowed Scholarship for Developing Countries

INSEAD Business School is pleased to offer Deepak and Sunita Gupta endowed a scholarship for students of developing countries for the 2019 year. The scholarship is awarded for MBA program at school.

The program was generously created via endowed scholarship fund targeted at students from emerging markets. Their intention is to help build human capacity and to create economic and social value in the most economically challenged regions of the world.

INSEAD is a graduate business school with campuses in Europe offers various academic programs including a full-time Master of Business Administration (MBA) program, executive MBA (EMBA) program, and a master in Finance program, a Ph.D. in management program, and a variety of executive education programs. Candidates from emerging/developing countries can apply.



Applicants from outside the home country will often need to meet specific English language/other language requirements in order to be able to study there

Areas of Research

Master's in business administration.

Eligibility Criteria

Candidates from emerging/developing countries who can demonstrate proven financial need.

English Language Requirements

TOEFL IBT: 105; TOEFL CBT: 260; TOEFL PBT: 620; TOEIC (all four parts are required): Listening and Reading: 950 – TOEIC Writing: 170 TOEIC Speaking: 190; IELTS Academic or General: 7.5; PTE Academic: 72; and CPE: B.

Contact details

+65 6799 5388

Website: <https://www.insead.edu/master-programmes/mba/financing/scholarship-guide>

National Grants

1. CIIT Research Grants program

Although a good number of research proposals get approved from various funding agencies, scarcity of resources prohibits provision of funds, hence unavailability of assistance to the teachers and researchers working in CIIT. To alleviate this problem and to bring in more teachers in the canvass of research stream, a "CIIT Research Grant Programme" (CRGP) has been initiated. Under this programme, small research grants up to Rs.200, 000 for research proposals are provided to the young faculty members of CIIT. All faculty members, preferably the first timers in all disciplines, are eligible to apply for CRGP. The research grant can be utilized for purchase of one or two small equipment, operational costs, consumables, stationery etc. The grant money can cover travel within the country and for payment of modest honorarium to the Principal Investigator.

Applications (in triplicate) for securing CRGP should be made on the prescribed form and sent to R&D Division at any time of the year. A three-member review committee recommends or acceptance or



otherwise of the proposal before it is finally approved by the Board of Advanced Studies and Research (BASAR).

CONTACT DETAILS

Dr. Abdul Aziz Khan Advisor (R&D) COMSATS Institute of Information Technology 737, St. 82, Sector I-8/4, Islamabad Tele: 051- 051-9257135 to 37 Fax.051-9257151 Mob. 0300-551-5409 E-mail: abdulazizkhan@comsats.edu.pk

Website: <http://ww3.comsats.edu.pk/rnd/Funding%20Agencies/crgppperforma.pdf>

2. Grant for organizing conference, seminars workshops (HEC):

Organizing seminars, conferences, symposiums and training workshops provide tremendous opportunities to academic and scientific community to share the scientific knowledge and research outcomes. This also helps promote research culture in higher education institutions. HEC encourages Pakistani universities to display their academic achievements at national and international forums.

Objectives:

- To extend financial assistance to Universities and Degree Awarding Institutes (DAI), so as to encourage them to plan, organize and educate their faculty and students with the cutting-edge technologies and development in the relevant areas of research.
- To provide forum for interaction between academicians and researchers at national and international level.
- To assess academic and research capabilities/achievements by taking into consideration national requirements and international settings.
- To consolidate and share academic and research experiences and achievements at national as well as international level.
- To provide an opportunity of exposure to our academicians and researchers of international community.
- To disseminate academic and research achievements to our industrial and commercial establishments.
- To explore opportunities for national and international academic collaborations.



Contact Details

Director General (R&D) at dgrnd@hec.gov.pk

Website:

<https://www.hec.gov.pk/english/services/universities/GrantsforSeminarConferenceTraining/Pages/Introduction.aspx>

3. INTERIM PLACEMENT OF FRESH PHDS (IPFP) PHASE-II

The IPFP (Interim Placement of Fresh PhDs) Program was initiated by HEC in 2009, both to provide employment to fresh PhDs, and support universities in attracting qualified faculty. IPFP provides all Pakistani fresh PhD graduates an opportunity to be placed as Assistant Professors on a tenure track system for a period of one year. Under HEC rules, the host institutions are required to advertise corresponding faculty positions and afford an opportunity to IPFP scholars to compete for positions.

The challenge requires fresh thinking, including on the contours of the IPFP program. Accordingly, HEC has reviewed the IPFP policy, and proposed significant changes, both to be able to expand the size of the program within the existing budget, and to ensure that it helps support longer-term career plans of the participants

Contact Details

Saima Naurin, Project Director

Interim Placement of Fresh PhDs Programme (IPFP), HRD Division, Higher Education Commission of Pakistan, Sector H-8, Islamabad.

Email: ipfp@hec.gov.pk

Website: <https://www.hec.gov.pk/english/scholarshipsgrants/IPFP/Pages/default.aspx>

4. Pakistan Science Foundation

Pakistan Science Foundation (PSF) is the apex body for promotion and funding of scientific and technological research and science popularization in the country. PSF has two subsidiary organizations i.e. Pakistan Museum of Natural History (PMNH) and Pakistan Scientific and Technological Information Center (PASTIC).

The Foundation functions as a link of PMNH/PASTIC agency for the establishment of comprehensive scientific and technological information dissemination centers, promotion of research in the universities and other institutions, establishment of science centers, museums, promotion of scientific societies, organization of periodical science conferences, exchange of visits of scientists with other countries, prizes and fellowships to individuals engaged in developing processes of consequence to the economy of the country.



Areas of Research

- Energy Storage
- Biomedical equipment and Technologies
- Food processing and Technology

Contact Details

CONSTITUTION AVENUE, G-5/2, ISLAMABAD

Tel: 051-9215067-68

Fax: 051-9202468

Website: <http://www.psf.gov.pk/psf-tubitak.aspx>

5. Partial support for PhD studies abroad HEC

The Higher Education Commission has instituted a special financial scheme to provide relief to students facing such problems. Through this scheme, monetary support can be provided to overseas scholars who require partial assistance (e.g. tuition, thesis evaluation/submission fee, living expenditure, etc.) in the final stages of their doctoral studies. This applies to PhD students who need this support to complete their studies, or do so in a shorter time period so they can return home earlier. Every year, approximately 50 scholars are selected for the Overseas Partial Support program. The objectives of this programmes are as following:

- To provide a safety net to students and faculty members studying abroad for their PhD
- To contribute to producing the next generation of scientists, researchers and scholars in the public education sector
- To strengthen the linkages between Pakistani and foreign universities.

Areas of Research

Any

Contact Details

Jahanzeb Khan

Project Director,

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Email: jkhan@hec.gov.pk

Website:

<https://www.hec.gov.pk/english/scholarshipsgrants/Pages/International%20Scholarships/Partial%20Support%20Program%20-%20PSP/IntroductionObjectives.aspx>



6. Small Grants Programme (SGP)

Since 1986 the Small Grants Programme (SGP) of WWF-Pakistan has been supporting grass root level organizations, research-based institutions, researchers and students to strengthen nature conservation efforts in Pakistan. SGP has supported innovative conservation initiatives for priority species such as marine turtles, snow leopards, Indus River dolphin, sharks, vultures and critical ecosystems such as mangroves forests, Indus River Delta and Coniferous forests. The greatest value of funding is that it enables and builds the capacity of small-scale conservation work as well as environmental research and field projects by individual scientists, research and academic institutions and conservation organizations.

Objectives:

- Address environmental issues by providing technical and financial support in order to build the capacity of small grass-root level organizations;
- Empower communities
- Promote environmental research by strengthening academic, government and research-based institutions.

Contact Details

Ferozpur Road, inside Ali Institute of Education premises, Block M, Block P, Gulberg III, Lahore, Punjab. (042)111-993-725, (042) 35465977

Website: https://www.wwfpak.org/take_action/small_grants_programme/

7. Travel Grant to University Teachers

Academic events are significant for professional development of researchers and scholars. They serve as a source for guidance, exposure, knowledge sharing, developing linkages, and problem solving. Academic Conferences, Seminars and Symposia provide opportunities for academicians to help understand the latest developments in their field and validate research findings, while creating opportunities for future academic collaborations. Under this program, an academician or student selected to present research work at a national or international academic event is eligible to get funding from his/her academic institution and the academic institute will ultimately seek funding from HEC by applying for reimbursement.

Contact Details

UAN: 111-119-432, 0334-111-9432

Website: <https://www.hec.gov.pk/english/services/faculty/HEC%20Research%20Travel%20Grant/Pages/HEC-Research-Travel-Grant.aspx>



8. University Industry Interaction HEC

The University – Industry Technology Support Program (UITSP) grants are awarded to high-level and promising academic research projects relevant to the needs of Pakistan's industrial sector. These grants help promote industrial development through applied sciences research.

Areas of Research

The University – Industry Technology Support Program provides support for research projects in the fields of industrial importance.

Contact Details

Afeefa Irshad,

Deputy Director, Research & Development

Higher Education Commission

Sector H-9 Islamabad

Phone No. : 051-90401919

E-mail: airshad@hec.gov.pk

Website: <https://www.hec.gov.pk/english/services/faculty/University%20Industry%20Technological%20Support%20Program/Pages/Introduction.aspx>

9. International Research Support Initiative Program

Higher Education Commission of Pakistan is offering a six month research fellowship abroad to those students who are enrolled in full time PhD programs in Pakistan. This is providing exposure to the PhD scholars which will enhance the quality of research that they will be conducting in Pakistan. This opportunity also provides to develop linkages between Pakistani and foreign institutions.

The objectives of the program are:

- To enhance the quality of doctoral research in Pakistan.
- To create a critical mass of highly qualified manpower that could contribute towards the development of Pakistan.
- To facilitate assimilation, absorption and transfer of important and promising scientific and technological knowledge information to achieve repaid economic progress.
- To provide opportunities to doctoral students for training/ research work at advanced research labs of reputed universities abroad and to interact with foreign scientist working at frontiers of knowledge.
- To explore avenues for further collaboration internationally.



- To introduce Pakistani talent globally.
- To disseminate information about research in Pakistan.
- To bring standard of doctoral research at par with international standards.

Contact Details

Jehanzeb Khan

Project Director (IRSIP)

Higher Education Commission,

Islamabad, Pakistan.

Email: jkhan@hec.gov.pk

Website: <https://www.hec.gov.pk/english/scholarshipsgrants/IRSIP/Pages/default.aspx>

10. INTERNATIONAL RESEARCH SUPPORT INITIATIVE PROGRAM – HEC

Higher Education Commission of Pakistan is offering a six month research fellowship abroad to those students who are enrolled in full time PhD programs in Pakistan. This is providing exposure to the PhD scholars which will enhance the quality of research that they will be conducting in Pakistan. This opportunity also provides to develop linkages between Pakistani and foreign institutions.

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- To explore avenues for further collaboration internationally.
- To introduce Pakistani talent globally.
- To disseminate information about research in Pakistan.
- To bring standard of doctoral research at par with international standards.



Areas of Research

PhD scholars from all fields are encouraged to apply.

Eligibility Criteria

- JK/Pakistani national who is full time PhD student
- Completed coursework of 18 credit hours, at least.
- Scholar is eligible to apply after 2 year of enrollment and maximum up to 3.5 years in PhD program.
- Passed the local GAT subject test OR University Admission Test at the time of registration/enrollment in PhD Studies/Program.
- Who has an approved PhD research topic and synopsis by the Board of Advanced Studies and Research (BASR) or Directorate of Advanced Studies and Research (DASR) or equivalent body of the university
- Who has an official acceptance/invitation letter for research from a foreign university/institute/ lab, the university/institute must be listed in top 200 universities list (either subject wise or overall ranking) as per Times Ranking of World Universities.
- Your Foreign Supervisor should not be an ex-supervisor of your Local Supervisor.

Contact Details

Jehanzeb Khan, Project Director (IRSIP), Higher Education Commission, Islamabad, Pakistan.
Email: jkhan@hec.gov.pk

Website: <https://www.hec.gov.pk/english/scholarshipsgrants/IRSIP/Pages/default.aspx>

11. PAKISTAN ACADEMY OF SCIENCES

It is generally recognized that any progressive country, which aspires to occupy a befitting place in the comity of nations, encourages the establishment of a supreme scientific organization, usually designated as the “Academy of Sciences” devoted to the promotion of science and its applications for the general welfare of humanity. While these organizations may not carry out actual researches, they do provide a forum for the advancement of scientific research, popularization of science, motivation of scientists and technologists, as well as encourage and promote studies in new areas of S&T.

The idea of establishing Pakistan Academy of Sciences was mooted in November 1947 at the 1st National Educational Conference held at Karachi. Subsequently, nine eminent scientists were elected as Foundation Fellows of the proposed Academy. One of the Foundation Fellows, Dr. M.



Raziuddin Siddiqi, drafted Charter of the Academy which was approved. The Pakistan Academy of Sciences was inaugurated by the then Prime Minister of Pakistan, Khwaja Nazimuddin, on 16th February 1953, during 5th Pakistan Science Conference at Lahore. On 19th February 1953, the Foundation Fellows elected Prof. M. Afzal Hussain as President and Dr. M. Raziuddin Siddiqi as Secretary of the Academy.

The Academy is a non-governmental and non-political supreme scientific body of distinguished scientists in the country. The Government of Pakistan has given the consultative and advisory status to the Academy “on all problems relating to the development of scientific efforts in the country”, and “generally on such matters of national and international importance in the field of science as may be referred to the Academy”. The affairs of the Academy are regulated by its Charter and Bye-Laws approved by the Fellows.

Areas of Research

Pure and applied sciences.

Eligibility Criteria

The Academy comprises of Foundation Fellows, Fellows, Foreign Fellows and Members, according to the following criteria:

Foundation Fellows are the eminent scientists borne on the Register of the Academy as Fellows immediately prior to the coming in force of Charter of the Academy.

Fellows are Pakistani scientists, eminent for their original contribution to science, who are elected according to the procedure laid down in Bye-Laws of the Academy. Not more than five Fellows may be elected during any one year until the total numbers of Fellows reaches the limit of one hundred.

Members are Pakistani scientists who have made substantial contributions to science, and who are nominated as Members according to the procedure laid down in Bye-Laws of the Academy.

Not more than three Members may be nominated in any one year until the total number reaches the limit of fifty.

Foreign Fellows are scientists who are nationals of countries other than Pakistan, and who are eminent for their contributions to science, and who are elected according to the procedure laid down in the Bye-Laws of the Academy. Not more than three Foreign Fellows may be elected in any one year until the total number of Foreign Fellows reaches the limit of thirty.



Contact Details

Pakistan Academy of Science 3-Constitution Avenue Sector G-5/2, Islamabad Pakistan.

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Prof. Dr. M. Aslam Baig, Secretary General, Pakistan Academy of Sciences. Tel: (92-51) 920 4843. Fax: (92-51) 920 6770. Email: sec.gen@paspk.org

Dr. Abdul Rashid, Editor-in-Chief. Pakistan Academy of Sciences. Tel: (92-51) 920 7140. Fax: (92-51) 920 6770. Email: editor@paspk.org

Website: <http://www.paspk.org/introduction-to-the-academy/>

