

## CERN Summer Student Program

### **Description:**

Are you currently studying for a Bachelor or Master degree in Physics, Engineering, Computer Science or Mathematics? Are you looking for a practical training period during the European summer (June – September)? If so, this could be the opportunity for you: apply now for the CERN Summer Student Programme! Over a period of 8 to 13 weeks, you will work on an advanced technical project in an experimental or engineering team.

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Engineering,
- Computer Science,
- Mathematics.

### **Eligibility:**

- You are a Bachelor or Master student (not PhD) in Physics, Engineering, Computer Science or Mathematics and should have completed at least three years of full-time studies at university level.
- You will remain registered as a student during your stay at CERN.
- You have not worked at CERN before with any other status (Technical Student, Trainee, User or other status) for more than 3 months.
- You have a good knowledge of English; knowledge of French would be an advantage.

**Application Deadline:** January.

**For further information:** <https://goo.gl/YbTSXb>



## CERN Openlab Summer Student Program

### **Description:**

During two full months corresponding to 9 weeks (June-August), CERN openlab summer students will work on an advanced IT project and will be given a series of IT lectures specially prepared for them by experts at CERN and other institutes. The students also have the opportunity to attend the main CERN Summer student programme lectures, if they wish. Visits to the accelerators and experimental areas are part of the programme, as well as visits to external companies. A short report and a presentation on your work and project at CERN will be expected at the end of your stay.

**National/international:** International.

**Grant:** Not Applicable.

**Area of research:** Open for all disciplines.

### **Eligibility:**

- You are a Bachelor or Master student (not PhD) in Physics, Engineering, Computer Science or Mathematics and should have completed at least three years of full-time studies at university level.
- You will remain registered as a student during your stay at CERN.
- You have not worked at CERN before with any other status (Technical Student, Trainee, User or other status) for more than 3 months.
- You have a good knowledge of English; knowledge of French would be an advantage.

**Application Deadline:** January.

**For further information:** <https://goo.gl/kMo4MX>



## Doctoral Studies and Post Doctoral Fellowship Program (HEC)

### **Description:**

The high technology (MSP) for doctoral studies (PhD) & post doctoral fellowship Program is designed to help promising research students to pursue a full-time three-year Ph.D. study in scientific disciplines that enhance development in IDB member countries. The Program is also designed to help researchers to undertake a six-twelve month specific innovative post-doctoral research project to address a problem-solving matter in member countries such as Malaria, Corona, Ebola, Food production, Water Resources/Desertification, Energy, etc.

**National/international:** National.

**Grant:** Not Applicable.

### **Area of research:**

- Health / Medicine,
- Agriculture / Food Production,
- Water Resources / Desertification,
- Energy / Infrastructure Development,
- Nanotechnology,
- ICT for Development.

### **Eligibility:**

Age not over (a) 35 years for Ph.D. study, and (b) 40 years for Post-Doctoral research on or before the deadline.

**Application Deadline:** January.

**For further information:** <https://goo.gl/zEbPCg>



## CDT Entrepreneurial Grant

**Description:**

The purpose of Commonwealth Distinguished Talent (CDT) entrepreneurial grant is to encourage new business start-ups in underdeveloped and developing markets. Brave minds with strong imagination and exceptional Entrepreneurial skills are welcome to apply and make their ideas come to life.

**National/international:** International.

**Grant:** AUD 25,000 to 100,000.

**Area of research:** Open for all disciplines.

**Eligibility:**

Candidates enrolling for Entrepreneurial Grant are expected to have at least one year of relevant verifiable work experience and basic business knowledge.

**Application Deadline:** March.

**For further information:** <https://goo.gl/6beSGh>



## Erasmus Mundus LEADERS Program

### **Description:**

Erasmus Mundus LEADERS (Leading mobility between Europe and Asia in Developing Engineering Education and Research) is a scholarship program for students and researchers/professionals on Undergraduate, Masters, Doctoral, Post-Doctoral, Academic and Administrative Staff members from South-East Asia to European Union and vice versa.

**National/international:** International.

**Grant:** €1000 to €1800 per month for duration of 6 months only.

### **Area of research:**

- Electrical engineering,
- Electronics engineering and Information and communication technologies,
- Photonics,
- Biomedical engineering,
- Computer engineering,
- Power systems and energy,
- Informatics,
- Communication engineering and Microwaves.

### **Eligibility:**

- Applicants must not have resided nor have carried out their main activity (studies, work, etc) for more than a total of 12 months over the last five years in one of the European countries at the time of submitting their application to the partnership.
- Students need to be registered at one of the third-country HEIs within the partnership.

**Application Deadline:** March.

**For further information:** <https://goo.gl/iraA3j>



## Grants-in-Aid of Research Program

### **Description:**

The Sigma Xi Grants-in-Aid of Research (GIAR) program has provided undergraduate and graduate students with valuable educational experiences since 1922. By encouraging close working relationships between students and mentors, the program promotes scientific excellence and achievement through hands-on learning. Students use the funding to pay for travel expenses to and from a research site, or for purchase of non-standard laboratory equipment necessary to complete a specific research project.

**National/international:** International.

**Grant:** Maximum USD 5000.

### **Area of research:**

- All areas of the sciences and engineering.

### **Eligibility:**

Only undergraduate and graduate students currently enrolled in degree seeking programs may apply.

**Application Deadline:** March and October each year.

**For further information:** <https://goo.gl/dpPghW>



## Student and Early Career Grants

### **Description:**

Goldschmidt (GS) and EAG are committed to making the Goldschmidt Conference accessible to early career scientists from every country in the world. That is why the conference offers travel grants and waived registration fees for student and early career delegates. These grants are awarded on a competitive basis for delegates who meet the requirements outlined below.

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Geochemistry.

### **Eligibility:**

- Students: must be currently enrolled, at the time of the conference, in a graduate program related to geochemistry.
- Early career scientists: must be working in a field related to geochemistry and have graduated in 2008 or later.

**Application Deadline:** March.

**For further information:** <https://goo.gl/AkJXj5>



## CERN Administrative Student Program

### **Description:**

There's no better way to learn than on-the-job. When that job happens to be in a world-famous organization and centre of scientific excellence, even better. If you're an undergraduate in Administration and are looking for a practical training period or a place to complete your final project, you could spend 2 to 12 months at CERN during the course of your studies (Bachelor or Master).

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Administration

### **Eligibility:**

- You are a national of a CERN Member or Associate Member State
- You have completed at least 18 months of your undergraduate studies (Bachelor or Master's) at the time of the next student selection taking place in May.
- You can stay for at least 2 and at most 12 months remaining registered as a full-time student.
- You have a good knowledge of English OR French.

**Application Deadline:** March.

**For further information:** <https://goo.gl/6bHSBL>





## CERN Technical Student Program

### **Description:**

There's no better way to learn than on-the-job. When that job happens to be in a world-famous organization and centre of scientific excellence, even better. If you're an undergraduate in Applied Physics, Engineering or Computing and are looking for a practical training period or a place to complete your final project, you could spend 4 to 12 months at CERN during the course of your studies (Bachelor or Master's).

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Applied Physics,
- Electrical Or Electronics Engineering,
- General Or Civil Engineering,
- IT,
- Mathematics And Robotics,
- Material And Surface Science,
- Mechanical Engineering.

### **Eligibility:**

- You are a national of a CERN Member or Associate Member State
- You have completed at least 18 months of your undergraduate studies (Bachelor or Master's) at the time of the next student selection taking place in May.
- You can stay for at least 4 and at most 12 months remaining registered as a full-time student.
- You have a good knowledge of English OR French.

**Application Deadline:** March.

**For further information:** <https://goo.gl/7pj67A>



## Australia Awards Pakistan

### **Description:**

Australia Awards are prestigious international Scholarships and Fellowships funded by the Australian Government. The Scholarships aim to contribute to the long-term needs of developing countries by providing opportunities for individuals to obtain qualifications at Australian tertiary institutions, so that they can contribute to development in their home country. At the completion of studies applicants must return to Pakistan to contribute to the development of the country for at least two years.

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Good Governance, Stabilization and Gender Equality,
- Economic Growth,
- Health and Education.

### **Eligibility:**

- Applicant must be a resident of Pakistan under the age of 45 years.
- Applicant must have a valid IELTS, TOEFL or PTE test result.

**Application Deadline:** April.

**For further information:** <https://goo.gl/1HB4U9>



## Split PhD and Post Doctoral Fellowship Program in France (HEC)

### **Description:**

Higher Education Commission of Pakistan aims to send PhD and Post Doctoral Fellows to France for 6 and 9 months respectively to enable them to update their knowledge and skills in selective fields and specializations.

**National/international:** National.

**Grant:** Not Applicable.

**Area of research:** Open for all disciplines.

### **Eligibility:**

#### **Split PhD Fellowship (6 months in France)**

- Completed coursework of 18 credit hours.
- Passed international GRE subject test/NTS GAT subject test/University subject examination.
- Has an approved PhD research topic and synopsis.
- Has official acceptance/invitation letter from French university/institute/laboratory.

#### **Post-Doctoral Fellowship (9 months in France)**

- Holding PhD degree from HEC recognized university.
- Maximum 50 years of age on closing date.
- Be regular employee of HEC recognized public/private Sector University or public sector R&D organization.
- Has clearly written research proposal, relevant to current job/institute recommended/endorsed by employer.
- Has official acceptance/invitation letter from French University/institute/laboratory.
- Must not have availed Post Doctoral Fellowship in last 5 years.

**Application Deadline:** June.

**For further information:** <https://goo.gl/apLhH8>



## USAID USPCAS-E Research Grant

### **Description:**

USPCAS-E invites proposals for research grants from MS/PhD students based on their MS/PhD research projects having potential to be converted into Applied Research Projects. Students are encouraged to apply for the research grant under USPCAS-E to conduct independent, energy related research that is unique in nature, cost-effective, scalable and can be commercialized on large scale.

**National/international:** National.

**Grant:** Maximum PKR 500,000.

### **Area of research:**

- Energy.

### **Eligibility:**

Applicant must be a currently enrolled in MS/PhD at NUST supervised by full time faculty member.

**Application Deadline:** June.

**For further information:** <https://goo.gl/5yLV6f>



## DAAD Research Grant

### **Description:**

German Academic Exchange Service (DAAD) is the largest funding organization in the world. DAAD Research Grants provide young foreign faculty academics and scientists with an opportunity to carry out research and continue their education in Germany.

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Research projects at German universities for the purpose of gaining a Ph.D. in the home country (Research Grants- Bi-nationally Supervised Doctoral Degrees),
- Research projects at a German university for the purpose of gaining a doctorate in Germany,
- Research projects or further education and training at German universities for young post-docs.

### **Eligibility:**

Young academic scientists who have completed their Master's degree, or in exceptional cases a Bachelor's degree at the latest by the time they begin their grant-supported research.

**Application Deadline:** September.

**For further information:** <https://goo.gl/5nXjKT>



## CERN Doctoral Student Program

### **Description:**

This is a chance to work on your thesis while spending up to 36 months at the forefront of science. Whether you've already chosen a subject or are still making your decision, if your specialism is Applied Physics, Engineering or Computing, this is an invitation to further your knowledge in a truly unique organization. In fact, it's an invitation to get involved in world-famous experiments of unprecedented scale and scope.

**National/international:** International.

**Grant:** 3679 Swiss Francs per month.

### **Area of research:**

- Computing,
- Applied Physics,
- Engineering.

### **Eligibility:**

- National of a CERN Member or Associate Member State.
- You have started or are about to start a doctoral programme in a university.
- Your work envisaged at CERN is all or part of the thesis work required to obtain your PhD. The award of the degree remains the responsibility of your university. Academic arrangements will be discussed between your university thesis supervisor and your CERN supervisor.
- You have a good knowledge of English OR French.

**Application Deadline:** October.

**For further information:** <https://goo.gl/Vgzh2E>



## Nokia Scholarship

### **Description:**

The Nokia Scholarship is intended to encourage efficient, fast-progressing doctoral studies and research. Nokia Scholarships are granted to individuals pursuing a doctoral degree in information or telecommunications technology or in clearly related supporting scientific disciplines. Scholarship can be granted for doctoral studies in a Finnish university or to a Finnish applicant for doctoral studies abroad.

**National/international:** International.

**Grant:** Not Applicable.

### **Area of research:**

- Information Technology,
- Telecommunications.

### **Eligibility:**

Individuals pursuing a doctoral degree in information or telecommunications technology or in clearly related supporting scientific disciplines.

**Application Deadline:** October.

**For further information:** <https://goo.gl/P1BcAc>



## UNESCO MAB Young Scientists Award

### **Description:**

MAB has been providing 10 young researchers each year with awards up to USD 5000 in support of their research on ecosystems, natural resources and biodiversity. Research supported by the award must be completed within 2 years. Candidates must accept to submit reports of Award funded research to MAB Secretariat in Paris and to their MAB National Committees, and agree to the possibility of UNESCO publishing the results of their research. International travel expenditures are usually not covered under this award.

**National/international:** International.

**Grant:** USD 5000.

### **Area of research:**

- Interdisciplinary projects carried out in biosphere reserves designated under Man and Biosphere Program or potential biosphere reserves.

### **Eligibility:**

- Less than 40 years of age at the closing date of application.
- Priority will be given to projects carried out in biosphere reserves by young scientists in developing countries.

**Application Deadline:** December.

**For further information:** <https://goo.gl/s4xQou>





## Access to Scientific Instruments (HEC)

**Description:**

Higher Education Commission (HEC) aims to provide scientific community access to sophisticated instruments while providing financial resources to those institutions which make their equipments available.

**National/international:** National.

**Grant:** Cost plus basis, to be paid by HEC.

**Area of research:**

- Spectroscopy, analytical, chromatographic and other services.

**Eligibility:**

Postgraduate students (MS/PhD and equivalent) enrolled in HEC recognized public sector universities.

**Application Deadline:** At least six weeks prior to sample analysis.

**For further information:** <https://goo.gl/MUN4Me>



## Interim Placement of Fresh PhD Program (HEC)

### **Description:**

IPFP provides all Pakistani fresh PhD graduates an opportunity to be placed as Assistant Professor on a tenure track system for a maximum of one year period. Each IPFP awardee is also provided with a PKR 0.5 million start up research grant immediately upon joining.

**National/international:** National.

**Grant:** PKR 0.5 million.

**Area of research:** Open for all disciplines.

### **Eligibility:**

- Unemployed, Pakistani/AJK national (not over 45 years of age).
- PhD from HEC recognized foreign/Pakistani university (acquired within last 4 years at time of submission of application or to be acquired within the next 4 months of application submission).

**Application Deadline:** Not applicable.

**For further information:** <https://goo.gl/VfgZxx>



## CERN Short term Internship

### **Description:**

One of CERN's key missions is education. Our professionals very much enjoy sharing their knowledge and expertise with students who are committed and passionate about their chosen field. If you're an undergraduate in the technical or administrative fields and you're looking to spend a few months training "on-the-job", imagine doing your internship at CERN in Geneva. An impressive addition to your CV! We offer a limited number of places in our practical training programme from between 1 to 6 months geared towards your particular field of study.

**National/international:** International.

**Grant:** 1,500 Swiss Francs per month.

**Area of research:** Open for all disciplines.

### **Eligibility:**

- You are a full-time student at undergraduate (post-secondary) level and are at least 18 years of age.
- Your main field of study is in one of the following areas: applied physics, computing, mathematics, electricity, electronics, mechanical or civil engineering, instrumentation, materials science, radiation protection, safety and environmental protection, surveying, ultra-high vacuum, scientific communication. A very limited number of places may be available in administrative fields such as: translation, advanced secretarial work, accounting, legal services, human resources, librarianship, logistics.
- Your work at CERN must be an obligatory or recommended part of your studies.
- You will be returning to your educational establishment after completion of your stay at CERN.
- You have a good knowledge of English and/or French.

**Application Deadline:** Not applicable.

**For further information:** <https://goo.gl/u5jCmz>



## International Research Support Initiative Program (IRSIP, HEC)

**Description:**

Higher Education Commission of Pakistan is offering six month research fellowship to full time PhD students enrolled in Pakistan to enhance their research capabilities.

**National/international:** National.

**Grant:** Not Applicable.

**Area of research:** Open for all disciplines.

**Eligibility:**

Full time Pakistani/AJK national PhD students complying with the following criteria:

- Completed 18 credit hours of course work, at least.
- Passed international or local GRE test.
- Approved PhD research topic.
- Has official acceptance/invitation letter from top 200 foreign university/institute.

**Application Deadline:** Not Applicable.

**For further information:** <https://goo.gl/D6LcXi>



## Partial Support for PhD Studies Abroad (HEC)

**Description:**

Higher Education Commission of Pakistan aims to provide partial financial support to approximate 50 researchers of public sector universities as well as other Pakistani students who are in the final stages of their respective PhD studies abroad.

**National/international:** National.

**Grant:** USD 15000.

**Area of research:** Open for all disciplines.

**Eligibility:**

- Pakistani nationals studying abroad under PhD program in top 200 universities.
- Applicant must be in their final year of PhD.

**Application Deadline:** Not Applicable.

**For further information:** <https://goo.gl/CHRCff>



## Student Research Grant Program (WWF Pakistan)

### **Description:**

Student Research Grant Program gives a unique opportunity to students to carry out field research. The program supports Bachelors, Master and M.Phil thesis research related to different environmental components. Student will be required to publish at least one scientific paper in any HEC recognized journal in Pakistan or abroad.

**National/international:** National.

**Grant:** PKR 25,000-50,000.

### **Area of research:**

- Conservation,
- Natural Resource Management,
- Species,
- Freshwater,
- Climate Change.

### **Eligibility:**

- Candidate must be enrolled in full time postgraduate degree program at HEC recognized university.
- Candidate must not be availing any other grant for the same research.

**Application Deadline:** Not Applicable.

**For further information:** <https://goo.gl/RN1D8N>

