



CONTACT CDC



Graduate Scholarships

The CDC offers two scholarship schemes to support graduate studies, in a developing country, leading to a Master or PhD degree in the mathematical sciences.

Graduate Research Assistantships in Developing Countries (GRAID) Program

The program provides research assistantships to graduate – PhD and Master – students of emerging research groups working in a developing country listed in Priority 1 or 2 of the IMU CDC Definition of Developing Countries. It provides modest support for emerging research groups, making it possible for them to fund their most talented students as graduate research assistants, thereby fostering the growth of a mathematics community. The GRAID Program is funded by voluntary donations from mathematicians or mathematical institutions worldwide.

IMU Breakout Graduate Fellowship Program

Thanks to a generous donation by the winners of the Breakthrough Prizes in Mathematics, the International Mathematical Union, with the assistance of FIMU and TWAS launched in 2016 a fellowship program to support postgraduate studies, in a developing country, leading to a PhD degree in the mathematical sciences. The program offers a limited number of grants for excellent students from developing countries.

CDC Definition for developing countries, Deadlines, Application forms and more information online:
www.mathunion.org/cdc

Connect with IMU on Facebook:
International Mathematical Union

If you have any questions, please contact the CDC Administration at the IMU Secretariat in Berlin:
cdc.grants@mathunion.org

The IMU Commission for Developing Countries (CDC) supports development in mathematics research and education in developing and economically disadvantaged countries.

The main target group consists of mathematicians who hold a PhD in the mathematical sciences, and of their institutions.

CDC cooperates with several institutions and also receives (or has recently received) support from various institutions and partners worldwide. We thank them very much for their support!

- American Mathematical Society
- Centre International de Mathématiques Pures et Appliquées (CIMPA)
- FIMU
- Italian Mathematical Society
- The Mathematical Society of Japan
- Niels Henrik Abel Board
- Simons Foundation
- Swiss Mathematical Society
- U.S. National Committee for Mathematics
- U.S. National Science Foundation

Commission for Developing Countries International Mathematical Union

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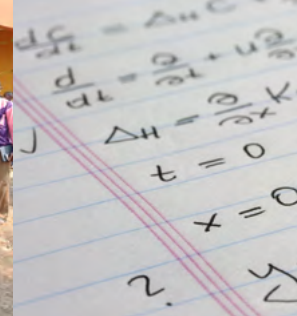
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CDC

Commission for Developing Countries



KEY ACTIVITIES



Currently CDC focuses its support on the following activities:

Conference Grants

The Conference Support Program gives partial support to conferences in the mathematical sciences organized in developing and economically disadvantaged countries. The program also supports a few major international conferences in developed countries in inviting mathematicians from developing countries. The funds for conference can only be used to invite speakers and participants coming from developing countries. This program receives support from the Niels Henrik Abel Board.

Project Support for Mathematics and Mathematics Education

Under this category the CDC mainly supports higher education, capacity building projects and local initiatives. Supported initiatives include the Africa Mathematics Millennium Science Initiative (AMMSI) which received CDC support for its graduate student scholarship program, the Mentoring African Research in Mathematics (MARM) program, the education and capacity workshop series 'Finding Online Information in Mathematics', and the 'Nepal Algebra Project' at Tribhuvan University, Nepal.

Library Assistance Scheme

The IMU CDC Library Assistance Scheme matches donors of mathematical materials with libraries in universities/research institutions in developing countries. The CDC offers limited financial support for shipment costs.

Research Travel Grants

CDC offers three Research Travel Grant Programs. All three grants support collaborative research visits of mathematicians working in developing countries travelling to a 'center of excellence' in any part of the world. The applicant must hold a valid doctoral degree and be employed as a faculty member of a university or equivalent institution. The applicant should already have established contact with a mathematician in the host institution and should have a

definite research plan at the time of applying for this grant. The minimal length of a visit is one month.

Abel Visiting Scholar Program (AVSP)

The program is funded by the Niels Hendrik Abel Board (Norway) to support mathematicians professionally based in developing countries to visit an international research collaborator for a period of one month. The period is extendable for up to three months in the case of matching support from the host institution. The AVSP is designed for postdoctoral mathematicians in the early stages of their professional careers. The applicant should be under 35 years of age at the day of the application deadline. All travel and living expenses of the grantees are covered by the fellowship up to USD 5,000.

IMU – Simons African Fellowship Program

The program is funded by the Simons Foundation, NY, USA and supports research sabbaticals for mathematicians from African developing countries employed in Africa to travel to an internationally known mathematical centre of excellence (worldwide) for collaborative research. All travel and living expenses of the grantees are covered by the fellowship up to USD 5,000. The program will run until September 2023.

Individual Research Travel Support Program

This program supports travel costs including visa and travel health insurance for research visits (minimum stay is four weeks) of mathematicians based in developing disadvantaged countries. The host institution is generally responsible for covering local living expenses.

Volunteer Lecturer Program (VLP) and Virtual Volunteer Lecturer Program (VVLP)

The aim of this program is to foster research and international cooperation between mathematicians in developing countries and the international mathematical community, by offering financial assistance to universities in developing countries to host a volunteer lecturer for a 3-4 week intensive course.

In 2022 a new strand Virtual Volunteer Lecturer Program (VVLP) was established. VVLP aims to support lectures to take place remotely only.

For both the VLP and the VVLP, the course given by the volunteer must be part of a regular mathematics undergraduate or master degree program at the hosting university and in subjects where the applicant university has a lack of expertise. Only host institutions can apply for the grant in the VLP. The volunteer lecturer is chosen by the host institution from an online database of mathematician volunteer lecturers maintained by CDC.

The funds for all living expenses, including travel (up to Euro 4,400) are provided by IMU/CDC. The volunteer lecturer's home institution is requested to offer leave with pay during the lecturer's 3-4 week absence. The hosting university has no financial obligations, but is expected to provide a local assistant. Complementary funding is available to cover the cost of course material as well as includes the possibility of buying and shipping books and/or buying 'online kits'.

Where warranted, continuing participation in the VLP by a single university in the developing world is encouraged. For example, in the VLP has provided several intensive courses to the Royal University of Phnom Penh, Cambodia and to the University of Abomey-Calavi, Benin.

Applications for lectures to be held partially online and partially as an intensive in person period are encouraged. Applications for online teaching collaboration are also welcome in the new strand VVLP.

CDC invites universities with mathematics degree programs in developing countries to invite host volunteer lecturers and encourages qualified PhD mathematicians to submit their CV for inclusion in the Volunteer Lecturer Database.

This program receives support from the American Mathematical Society and the Niels Henrik Abel Board.