

# The IMU Breakout Graduate Fellowship



## Introduction

### IMU Breakout Graduate Fellowship Program

Thanks to a generous donation by the winners of the Breakthrough Prizes in Mathematics – Ian Agol, Jean Bourgain, Simon Donaldson, Alex Eskin, Christopher Hacon, Martin Hairer, Maxim Kontsevich, Vincent Lafforgue, Jacob Lurie, James McKernan, Takuro Mochizuki, Terence Tao and Richard Taylor – the IMU, with the assistance of FIMU\*\* launched in 2016 a fellowship program to support postgraduate studies, in a developing country, leading to a PhD degree in the mathematical sciences. The IMU Breakout Graduate Fellowship Program offers a limited number of grants for excellent students from developing countries.

Professional mathematicians are invited to nominate highly motivated and mathematically talented students from developing countries who plan to complete a doctoral degree in a developing country, including their own home country. Nominees must have a consistently good academic record from the high school level and must be seriously interested in pursuing a career of research and teaching in mathematics.

For a nomination to be eligible, the country of citizenship of the student, the country of residency and the country where the study will take place must be found within the [list of Developing Countries as defined by IMU](#).

The London Mathematical Society will administer this programme on behalf of IMU and will liaise with the awarded nominees.

## Conditions of the Call

### Candidates for the Fellowship

Candidates must be both citizens of and residents in one of the [developing countries as defined by IMU](#).

Candidates must have a thesis advisor and a research project, and must be either already enrolled in a recognized doctoral programme or pre-accepted to join a doctoral programme in the first academic year after the time of selection. The host institution must be either a recognized university or a research institution in one of the [developing countries as defined by IMU](#).

### Fellowship Content

The tentative number of fellowships to be awarded is four (4) and the maximum duration of support is for four (4) years.

The fellowship covers tuition fees, travel expenses to the host institution (if different from the home country), accommodation and basic living expenses that will depend on the cost of living in the country where the doctoral programme takes place, accordingly with the budget provided by the nominee. The grants are limited to USD 10.000 per year.

## Nomination

Individual candidates cannot apply for the fellowship themselves. Only nominations by professional mathematicians (including those who have

superannuated, but continue to mentor young students) of candidates mathematically gifted and who aspire to a career in mathematical teaching and research will be entertained. It is advisable that the nominator has mentored the nominee previously.

### **Entry Submission and Documentation**

The nomination process will open on February 1, 2023 and conclude at 09:00 AM hours CET on May 31, 2023.

The nomination has to be filled online through the [website of the IMU](#) by the nominator who will be asked to upload the following documents:

- Statement from nominator
- Scanned copy of student nominee passport
- Official letter of pre-acceptance in the PhD Programme
- Budget of annual expenses
- PhD Supervisor CV
- Research Project
- Letters of recommendation (2)
- Transcripts of coursework (certified copies)
  - a) BSc Degree or equivalent
  - b) MSc Degree of equivalent
- Nominee CV
- Nominee letter of motivation, including future plans
- Nominator declaration
- PhD Supervisor declaration
- Nominee declaration

Both nominations and accompanying documentation must be submitted in English only.

If the documentation provided were incomplete, the entry would not be accepted for consideration.

### **Fellowship Conditions**

The fellowship is incompatible with any other scholarship.

The fellowship will be awarded starting from the time of selection Fellowship (i.e. without retrospective effect) in case of awardees already enrolled in a doctoral programme, and from the time the awardee enrolls in a recognized doctoral program otherwise.

The fellowship will be sanctioned for one year at a time and is renewable annually, based on satisfactory progress of the awardee and will cease to be awarded when the awardee completes the doctoral programme or at the end of four years, whichever is earlier.

### **Obligations of the awardees:**

The awardees of the fellowship and their research supervisors will be asked to submit annual reports to IMU.

All awardees will be asked, on the completion of the PhD programme to submit a copy of the approved thesis and a final report on the work carried out to IMU.

## Acceptance

The submission of entries under this call signifies the acceptance of its conditions and award decisions.



\* The [International Mathematical Union \(IMU\)](#) is an international non-governmental and non-profit scientific organization, with the purpose of promoting international cooperation in mathematics. The main objectives of the IMU are to promote international cooperation in mathematics, to support and assist the International Congress of Mathematicians and other international scientific meetings or conferences, and to encourage and support other international mathematical activities considered likely to contribute to the development of mathematical science in any of its aspects, pure, applied, or educational.



\*\* [The Friends of the IMU \(FIMU\)](#) is a non-profit corporation that supports the activities of the International Mathematical Union.