

IMU Breakout Graduate Fellowships / NOMINATION FORM

Deadline for Submission (ONLINE ONLY): 22 June 2016 at: 09:00 AM Central European Time, daylight saving time (CET, Berlin).

THE IMU BREAKOUT GRADUATE FELLOWSHIP PROGRAM

NOMINATION FORM

Thanks to a generous donation by the winners of the Breakthrough Prizes in Mathematics – Ian Agol, Simon Donaldson, Maxim Kontsevich, Jacob Lurie, Terence Tao and Richard Taylor – the [International Mathematical Union](http://www.mathunion.org), with the assistance of [FIMU](http://www.fimu.org) and [TWAS](http://www.twas.org) is launching a fellowship program to support postgraduate studies, in a developing country, leading to a PhD degree in the mathematical sciences. The IMU Breakout Graduate Fellowships offer 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. The nominated student (called nominee), 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.



The International Mathematical Union (IMU) – www.mathunion.org – 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) – www.friends-imu.org – is a non-profit corporation that supports the activities of the International Mathematical Union.

TWAS will administer this programme on behalf of IMU and will liaise with the awarded nominees with regards to their stipends and monitor the progress of the nominees during and after their PhD studies.



The World Academy of Sciences (TWAS) – for the advancement of science in developing countries – www.twas.org – is an autonomous international organization

founded in Trieste, Italy, in 1983. TWAS represents the best of science in the developing world. Its principal aim is to promote scientific capacity and excellence for sustainable development in the South. Since 1986, TWAS has been supporting scientists and institutions in developing countries through a wide range of programmes that focus on scientific capacity building largely through South-South cooperation.

A list of the eligible countries and information about the Breakout Graduate Fellowships can be found here:

<http://www.mathunion.org/cdc/grants/cdc-definition-for-developing-countries/>

The nomination form has to be filled out ONLINE by the nominator (Professional mathematicians). Changes after submission are not possible. Only files in PDF format can be uploaded. Paper submission is NOT ALLOWED.

Material to be uploaded during the process:

1. Statement from nominator (written by the professional mathematician, up to 750 words)
2. Scanned copy of student nominee passport (only first page with relevant data)
3. Official letter of pre-acceptance in the PhD Program
4. Budget of total expenses requested
5. Letters of recommendation (2)
 - a. Letter of recommendation 1 (not from the nominator)
 - b. Letter of recommendation 2 (not from the nominator)
6. Transcripts of coursework (certified copies a,b,c)
 - a. High school diploma
 - b. BSc degree or equivalent
 - c. MSc degree or equivalent
7. List of publications (if applicable)
8. Nominee letter of motivation, research project and future plans (written by the student, up to 750 words, not a CV).
9. Nominator declaration
10. Nominee declaration

*** THESE FIELDS ARE MANDATORY AND NOMINATION CANNOT BE COMPLETED IF MISSING**

TO BE FILLED OUT ONLINE BY THE NOMINATOR:

SECTION 1

A) NOMINATING MATHEMATICIAN *

Surname/s of Nominating Person:

First Name/s of Nominating Person:

Title of Nominating Person:

Email of Nominating Person:

Second Email of Nominating Person:

Telephone number of Nominating Person (including country code):

Affiliation/ Institution:

Website of Institution or Organization (if available):

For how long have you known the student you are nominating and in what capacity?

Have you/ or the organization/ institution received support for graduate students from IMU/ Commission for Developing Countries (CDC) or other institutions before:

Yes No

Provide a statement that clearly highlights the academic achievements of the nominee and which also explains why you feel that the nominee deserves the fellowship:

<upload letter by nominator>

[**Note:** Please do not exceed 750 words]

B) STUDENT NOMINEE INFORMATION *

Surname/s: (as appearing in passport)

First Name/s: (as appearing in passport)

Date of Birth (DD/MM/YYYY):

Place of birth (country):

Gender: Female Male

Country of Citizenship:

<http://www.mathunion.org/cdc/grants/cdc-definition-for-developing-countries/>

Country of Residency:

<http://www.mathunion.org/cdc/grants/cdc-definition-for-developing-countries/>

Current address: (street, postal code and country):

Email:

Telephone number (including country code):

Postal Address:

Details of passport of the student

Passport Number:

Date of issue:

Expiration Date:

<upload scanned copy> (only pages showing personal and validity details)

C) CAREER OBJECTIVE INFORMATION AND INSTITUTION *

Degree Objective: Ph.D.
Area of Mathematical Study (if known):
Start of the Programme: DD/MM/YYYY (if not yet enrolled, give the expected starting date):
Expected Graduation Date (if already enrolled):

Name of the institution the nominee is planning to do his/ her Ph.D.:
Country:
<http://www.mathunion.org/cdc/grants/cdc-definition-for-developing-countries/>
Address:
Website:
Name of the Head /Dean of the department:

Official letter of pre-acceptance in the PhD Programme *
<upload pre-acceptance>

D) GRADUATE SCHOOL AND LIVING COSTS *

Below provide a breakdown of the costs (in US Dollars) per academic year of a student attending the university where the nominee will study. Also specify what costs the host institution is willing to cover for the nominee if awarded.

The fellowship can cover the entire period of the doctoral program up to five years of the student (nominee). The following costs can be covered by the grant:

- 1 Full tuition fee in USD (per academic year): _____
- 2 Accommodation expenses in USD (per academic year): _____
- 3 Travel expenses to the host institution (if different from the home country) in USD (per academic year): _____
- 4 Basic living expenses that will depend on the cost of the living of the country in which the student will study his/ her doctoral program in USD (per academic year): _____

Total cost per year in USD _____

Total Expenses requested:
<upload budget>

E) RESEARCH ADVISOR/ PHD SUPERVISOR INFORMATION *(if applicable, not mandatory)*

Please check this box if the student has a research advisor/ PHD Supervisor

If yes, please include:

Surname/s:

First Name/s:

University Affiliation:

Email:

F) PROPOSED RESEARCH *(if applicable, not mandatory)*

In 500 words or less, describe the proposed research of the student.

G) ACHIEVEMENTS *(if applicable, not mandatory)*

In 500 words or less, please list special distinctions, prizes and awards won by the nominee as well as participation in extra-curricular activities related to mathematics (Olympiads, etc.)

H) SPECIAL CONSIDERATIONS ESSAY *(if applicable, not mandatory)*

In 500 words or less, respond to the following prompt.

Students often encounter impediments to advancing their education, some of which may be the result of the necessity to work many hours outside of their studies, family responsibilities or the political situation of their country. What impediments has the student you are nominating faced, and how would their pursuit of higher education benefit from support from the IMU?

SECTION 2: LETTERS OF RECOMMENDATION*

Attach two letters of Recommendation of two individuals, of which **at least one must be a faculty member who has taught the nominated student. A letter of recommendation from the nominator will not be accepted.** Along with the letters, please have the two individuals rank the students based on their potential for graduate study.

Recommendation Person 1

Surname/s:

First name/s:

Email (required):

Title/University:

Telephone (including country code):

What course did you (**Recommendation Person 1**) teach to the student? (if applicable)

When compared to students in similar circumstances, I would rank this student's overall potential in graduate school in the top:

1%

5%

10%

25%

50%

75%

<upload letter 1>

Recommendation Person 2

Surname/s:

First name/s:

Email (required):

Title/University:

Telephone (including country code):

What course did you (**Recommendation Person 2**) teach to the student? (if applicable)

When compared to students in similar circumstances, I would rank this student's overall potential in graduate school in the top:

1%

5%

10%

25%

50%

75%

<upload letter 2>

SECTION 3. EDUCATION INFORMATION (of student) *

High School Certificate:

High school attended: (name, city, country)

Graduation date:

Grade Point Average (GPA) and Scale [if available]:

Overall Percentile (rank) [if available]:

Certificate Classification (e.g. first class, second class) [if available]:

Bachelor Degree:

College/ University attended (name, city, country):

Graduation date:

Major: _

Units completed:

Grade Point Average (GPA) and Scale [if available]:

Overall Percentile (rank) [if available]:

Degree Classification (e.g. first class, second class) [if available]:

Master Degree:

College/University attended (name, city, country):

Graduation date:

Major: _

Units completed:

Grade Point Average (GPA) and Scale [if available]:

Overall Percentile (rank) [if available]:

Degree Classification (e.g. first class, second class) [if available]:

TRANSCRIPTS (coursework and diploma)

Along with this application, please include a transcript of coursework completed by the student at the date of application for the institutions listed above.

<upload transcripts>.*

- A) High school diploma
- B) BSc degree or equivalent
- C) MSc degree or equivalent

LIST OF PUBLICATIONS

Please provide a list of publications (do not send papers).

<upload the list>.

LETTER OF MOTIVATION, RESEARCH PROJECT AND FUTURE PLANS OF THE STUDENT *(and written by the student)

Please **attach a short letter** of motivation by the candidate/ nominee/ student describing why he or she is seriously interested in pursuing a career of research and teaching in mathematics.

This short letter should include:

- a) a brief description of your proposed research project and projected date of completion (if applicable);
- b) describe any relevant work experience (paid or unpaid) related to your programme of study (if applicable);
- c) outline your career objectives and demonstrate how the studies you plan to undertake will contribute to these objectives;
- d) give details of the work you aim to pursue after completing your studies and
- e) if applicable, explain how it will contribute to the future development of your country.

[**Note:** Please do not exceed 750 words and please do **not** attach the CV. You must include a word count at the top of the page.]

<upload letter>.

SECTION 4. TWAS FELLOWSHIPS

Has the nominee ever applied for and/or been awarded any TWAS fellowships?

Yes No

If so, please provide details (which program, year awarded etc.)

SECTION 5: DECLARATIONS OF EXACTITUDE AND WILLINGNESS TO SHARE INFORMATION *

Nominator Declaration

I have provided all details required and I confirm that the information provided in this application is, to the best of my knowledge, true and correct. I undertake to notify the IMU of any changes in my circumstances without delay. I understand that false information will invalidate this nomination.

Signature

Date

<upload declaration>.

A template can be found as an attachment in this document.

Student Nominee Declaration

[<download template>](#)

I have provided all details required and I confirm that the information provided in this application is, to the best of my knowledge, true and correct. I undertake to notify the IMU of any changes in my circumstances without delay. I understand that false information will invalidate this nomination.

I give my permission for the information provided in this form (and the supporting documentation) to be shared with scholarship donors if they request it.

In conformity with Article 13 of the Italian Legislative Decree 196/2003, I also herewith authorize TWAS to process my personal data for the purposes of my nomination as a candidate for the IMU BREAKOUT GRADUATE FELLOWSHIP.

Signature

Date

[<upload declaration>](#).

A template can be found as an attachment in this document.

CHECK LIST OF MATERIAL TO BE UPLOADED

Statement from nominator

Scanned copy of student nominee passport

Official letter of pre-acceptance in the PhD Program

Budget of total expenses requested

Letters of recommendation:

Letter 1

Letter 2

Transcripts of coursework (certified copies):

A) High school diploma

B) BSc degree or equivalent

C) MSc degree or equivalent

List of publications (if applicable)

Nominee letter of motivation, research project and future plans

Nominator declaration

Nominee declaration

TEMPLATE NOMINATOR DECLARATION
IMU BREAKOUT GRADUATE FELLOWSHIP

Nominator Declaration

I have provided all details required and I confirm that the information provided in this application is, to the best of my knowledge, true and correct.

I undertake to notify the IMU of any changes in my circumstances without delay. I understand that false information will invalidate this nomination.

Last Name:

Middle Name:

First Name:

Signature: _____

Date:

TEMPLATE Student Declaration

IMU BREAKOUT GRADUATE FELLOWSHIP

Student Nominee Declaration

I have provided all details required and I confirm that the information provided in this application is, to the best of my knowledge, true and correct. I undertake to notify the IMU of any changes in my circumstances without delay.

I understand that false information will invalidate this nomination.

I give my permission for the information provided in this form (and the supporting documentation) to be shared with scholarship donors if they request it. In conformity with Article 13 of the Italian Legislative Decree 196/2003, I also herewith authorize TWAS to process my personal data for the purposes of my nomination as a candidate for the IMU BREAKOUT GRADUATE FELLOWSHIP.

Last Name:

Middle Name:

First Name:

Date of Birth:

Signature: _____

Date: