**TYAN, the World Academy of Sciences Young Affiliate Network** aims tocatalyse interdisciplinary research and development collaborations to address global challenges. To this end, the TYAN Collaborative Grant Award (TCGA) is aimed at facilitating the initiation and building of mutually beneficial collaborations between scientists that will enable TYAN members to continue to strive for excellence in their respective research pursuits.

**The financial operation of TYAN and the administration of the TCGA are undertaken within The World Academy of Sciences (TWAS).**

The TCGA is offered to TYAN members to spend a minimum of 2 weeks at a research institution other than their own. The purpose of these awards is to promote collaborations, ideally according to the South-South mechanism, that can enhance the research capacity of TYAN members and/or enable TYAN members to develop leadership in a specific area of expertise.

**ELIGIBILITY**

* The award is to facilitate the building of new or enhancing existing collaborations. Applicants must be TYAN members (see Fig. 1).
* Applicants could be working in any areas of science. Priority is given to applicants who have not received a TCGA grant before and for new collaborations.
* There is no age limit. However, preference is given to young scientists at the beginning of their research career and those working in least developed countries (LDCs). A list of LDCs is available at https://twas.org/node/2292. Women scientists are strongly encouraged to apply.
* Applicants already on site in the host country are not eligible.
* Past TCGA recipients may apply for another TCGA after they have submitted both the 1-month and 1-

year reports.  The output and impact of the previous TCGA will be taken into consideration when

evaluating the application of a past recipient. If the merits of the proposals are similar, a first-time

applicant would receive preference so that as many TYAN members as possible have the opportunity to

benefit from the TCGA.

**TERMS OF THE AWARD**

* The award contribution towards travel and subsistence amounting to a maximum of US$ 3,000. No other costs will be provided by TCGA.
* The awards are offered for a minimum period of 2 weeks, applicants can extend the period of the award at no additional cost to TWAS. The award supports a visit that must involve work and scientific research.
* The above contribution is not designed to cover laboratory costs, and the host institution is expected to provide the necessary research facilities.
* No accompanying dependents can be supported under the TCGA.
* Successful TCGA applicants will submit 2 reports upon their completion of their visit to host institution. The first report will be submitted within a month of the applicant’s return and the second and final report would be submitted 1 year after the applicant’s return. Both report forms will be sent when the application is successful.

**APPLICATION AND SELECTION PROCEDURE**

* Awards are awarded by TWAS together with the TYAN Awards Committee on the basis of scientific merit and contribution to TYAN, i.e., active participation in TYAN-sponsored activities.
* Applications should be completed in English.

The application form should be completed by the applicant and the head of the applicant’s home institution, and sent to the TWAS secretariat.

**Material requested:**

(a) the completed application form

(b) copy of passport, only the page with personal details is required

(c) the applicant’s curriculum vitae

(d) full list of publications (do not enclose reprints of articles)

(e) project description with completed sections as described below

(f) the host’s curriculum vitae

(g) the host’s supporting letter

* Application should be submitted within the following deadlines: **(i)** Mar. 31 (for research stays beginning on or after 01 July) and **(ii)** Nov. 30 (for research stays beginning on or after 01 March).
* Applications can only be processed when they have been submitted in full, including all required papers and documents. Incomplete applications cannot be processed by TWAS and will result in the applicant's exclusion from the selection process.
* TYAN shall be entitled to a repayment of all or part of any funds paid to an applicant hereunder, in the event that the applicant intentionally or negligently fails to fulfil any or all of the present conditions. The applicant agrees to pay any reasonable legal and/or collection costs incurred by TYAN to obtain the repayment.
* Review of applications will be carried out by up to three experts in the field research of the proposed research.
* Review of applications would take an average of 90 days, applicants should not travel before receiving notification that they have been successfully awarded the TCGA. The proponent will have up to 90 (ninety) days to implement the collaboration grant from the date of electronic notification of the outcome of the application by TYAN. After this period, the concession will be cancelled.

**IMPORTANT**

* Incomplete/unsigned applications will NOT be accepted.
* Scientific publications and any other means of disseminating research work supported or was a result of this award must cite TYAN's support through the TYAN Collaborative Grant Award (TCGA).
* Please email the application to the TWAS Exchanges Office: **exchanges@twas.org**

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**STEP BY STEP GUIDELINES ON HOW TO APPLY**

It is important to note that applicants cannot apply for the award tenable in their home country, for instance an Indian applicant applying for a fellowship tenable in India will be considered ineligible. Applicants already in the host country are also ineligible.

In order to apply to the TYAN Collaborative Grant Award, each applicant is requested to follow a few key steps:

1. CHECK ELIGIBILITY CRITERIA:

You should verify that you meet ALL the eligibility criteria specified above.

Fig. 1: The TCGA funds the following types of collaborations.

2. CHOOSE AN ELIGIBLE HOST INSTITUTE:

Select a suitable host institution with which you intend to collaborate. After choosing a host institute, prior discussion and agreement to collaborate should take place.

3. SUBMIT THE APPLICATION:

Submit your application to the TWAS Exchange office by e-mail in MS Word or PDF format, together with ALL the required enclosures.

Please make sure you sign the application form as it cannot otherwise be accepted. Pages with signatures need to be sent as scanned documents.

An official acknowledgement will be sent confirming the status of your application once it has been processed and not directly upon receipt.

**Project Description**

**1. Title of proposed project: No longer than 100 characters (including spaces).**

The project description must include sufficient scientific and technical details to allow evaluation of the significance of the problem and the likelihood that the project will lead to sustained and productive collaborative projects between the home and host institutes.

**2. Objectives: Maximum 1,500 characters (including spaces)**

*Include objectives that are achievable and measurable.*

**3. Background (Summary of the current situation): Maximum 2,500 characters (including spaces)**

*Please put this in context of previous work done in the relevant field and in your own laboratory so that the reviewer can gauge the novelty of this work and your track record in this field.*

**4. Detailed work plan to meet objectives: Maximum 5,000 characters (including spaces)**

*Please provide enough details for the reviewer to determine the feasibility of the proposed work, based on the timeframe of your visit.*

**5. Expected outcome (Please provide specific details of the results arising from the visit, i.e., in terms of a manuscript being prepared for publication *or* in terms of need for further data analysis or for more experiments): Maximum 2,000 characters (including spaces)**

*Please match this closely with the proposed ‘objectives’ and give indications on when you anticipate these outcomes will be achieved.*

**6. Continuity (Describe the facilities that are available to continue the work, how the collaboration meets strategic research goals of your laboratory and the prospects for future continuation beyond this award): Maximum 2,000 characters (including spaces)**

**7. Relevance to your laboratory and home country (please provide information on why this project is relevant to the situation in your laboratory and home country) Maximum 1,500 characters (including; spaces)**

**8. Reason(s) for choice of host institute. Maximum 1,500 characters (including spaces)**

*Describe what complementary expertise each party will bring to this collaboration.*

**9. List up to 5 of your publications which are most relevant to this application. Maximum 2,000 characters (including spaces)**

**10. Justification of project duration. Maximum 1,500 characters (including spaces)**

*Please describe this with reference to the proposed ‘objectives’ and ‘detailed work plan’. It is not sufficient to state that the timeline has been agreed by the host.*

Additional information required for previous TCGA recipients.

**11. Accomplishment/s following the research visit. Maximum 1,500 characters**

 **(including spaces)**

*Please describe main accomplishment/s derived or arising from the previous research visit. Highlight outcomes of the previous research visit (e.g., publications, presentations, etc.) and the other collaborative activities with the host scientist/institute beyond the initial grant.*

**12. Justification for the re-applying under the TCGA. Maximum 1,500 characters**

 **(including spaces)**

*Describe this with reference to the previous research visit and the proposed research activities. Describe also how the previous research visit or outcomes contributed to the attainment of the UN SDGs as identified in the first TCGA application.*

**APPLICATION FORM**

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| For our records, please indicate the scientific field in which you work. (Please tick one box only) |
| [ ]  Agricultural Sciences[ ]  Structural, Cell & Molecular Biology [ ]  Biological Systems & Organisms | [ ]  Medical & Health Sciences, including Neurosciences[ ]  Chemical Sciences[ ]  Engineering Sciences | [ ]  Astronomy, Space & Earth Sciences[ ]  Mathematical Sciences [ ]  Physics |
| Have you previously received a TCGA grant? Yes [ ]  No [ ] If yes, please indicate the year(s) of the previous TCGA grant(s).       |
| **PERSONAL INFORMATION** Please remember to attach a copy of your passport, even if expired. Only the page with personal details is required. **In completing this form, please provide your surname and name exactly as they are indicated in your passport.** |
| Surname (family name):       | First name(s):       |
| Gender [ ]  male [ ]  femaleDate of birth      NationalityPrevious nationality, if applicable Current country of residence Number of children       | Passport Number      Date of issue      Place of issue      Date of expiry       |
| Name and mailing address of home institution       |
| Phone       | Fax       | E-mail       |
| **ACADEMIC / PROFESSIONAL INFORMATION** |
| Degree Awarded | Year  | Field/Discipline | University |
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| **Previous and present employment** |
| Name and address of employer | Position | From – To |
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| **Field of specialization** |
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| **Year in which you were selected as TWAS Young Affiliate** |
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| **List down TYAN-sponsored activities that you organized or participated since your selection as a TWAS Young Affiliate** (Indicate your role/s in the event/activity). |
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| **Honours / awards / scholarships received, if any** |
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| **List of ten of the applicant’s most recent and important publications (also enclose curriculum vitae and full list of publications with this application)** |
|       |
| **HOST INSTITUTION INFORMATION** |
| Name and mailing address of host institution to be visited:       |
| Phone       | Fax       | E-mail       |
| **Name of the head of the laboratory who will be hosting the visit** |
|       |
| **Is the host Professor a TWAS Young Affiliate?** [ ]  Yes [ ] No |
| If yes, please indicated the year in which s/he was selected:       |
| **Previous visits to the host institution** (give dates and purpose) |
|       |
| **Details concerning the visit for which the applicant is requesting support** |
| Length of stay (min. 2 weeks)       | Expected date of arrival in host country       | Expected date of return to home country       |
| **PREVIOUS SUPPORT RECEIVED BY THE APPLICANT** |
| From | Please indicate the type of support received and the programme under which the support was granted |
| [ ]  TYAN |  |
| [ ]  TWAS |  |
| [ ]  OWSD [formerly TWOWS] |  |
| [ ]  IFS |  |
| [ ]  ISP |  |
| [ ]  ICTP |  |
| [ ]  Other (please specify) |  |
| **SIGNATURE OF THE APPLICANT**: Signature       Place       Date      *N.B. Please note that unsigned applications cannot be accepted. If you are unable to add your electronic signature or to send a scanned version via e-mail, please send the page with the signatures by fax.*  |
| **SECTION TO BE COMPLETED BY THE HEAD OF THE APPLICANT’S HOME INSTITUTION** |
| Name and position of the head of the institution |
|       |
| **Statement in support of the applicant’s visit** *(indicating benefits expected from the visit)* |
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| **SIGNATURE OF THE HEAD OF HOME INSTITUTE**:Signature       Date      *N.B. Please note that unsigned applications cannot be accepted. If you are unable to add your electronic signature or to send a scanned version via e-mail, please send the page with the signatures by fax.*  |

United nations sustainable development goals

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| Please indicate the UN-SDGs that will be met by your project (choose all that are relevant) |
| [ ]  No poverty [ ]  Zero hunger [ ]  Good health & well-being [ ]  Quality education [ ]  Gender equality [ ]  Clean water & sanitation [ ]  Affordable & clean energy[ ]  Decent work & economic growth[ ]  Industry, innovation & infrastructure[ ]  Reduced inequalities[ ]  Sustainable cities & communities[ ]  Responsible consumption & production[ ]  Climate action[ ]  Life below water[ ]  Life on land[ ]  Peace, justice & strong institutions[ ]  Partnerships for the goals |
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Enclosures

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| Important: Ensure that ALL relevant enclosures are included with the completed application form |
| [ ]  The completed application form[ ]  Copy of passport, even if expired. Only the page with personal details is required[ ]  Detailed description of the proposed study/research plan[ ]  Curriculum Vitae and complete list of publications (do not send papers)[ ]  Project description |

OTHER INFORMATION

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| How did you find out about TWAS Fellowship Programmes? |
| [ ]  Direct mailing [to institution][ ]  TWAS website[ ]  TYAN website[ ]  Word of mouth/email from colleague[ ]  Other (please specify):  |