

# Newton Advanced Fellowship 2021 Round One

## 1. Overview

This programme focuses on early to mid-career international researchers who have already established (or are in the process of establishing) a research group or research network and have a research track record. The focus will be on developing their research strengths and providing support for more formalised training and development in collaboration with a UK partner. The award will support the international researcher in their own country, providing them with funding through a UK partner to establish and develop collaborations with the UK with the intention of transferring knowledge and research capabilities to partner countries. For this call, the Fellowship can be for up to two years, and can provide salary top up, research support, training costs, and travel and subsistence.

This programme is offered under the [Newton Fund](#), which is an initiative that aims to develop the long-term sustainable growth and welfare of partner countries through building research and innovation capacity, and forms part of the UK's Official Development Assistance commitment.

### Objectives of the Newton Advanced Fellowship:

We will recognise and support early to mid-career group leaders in partner countries to develop their research by linking them with some of the best research groups in the UK. The primary aims of the programme are to:

- **Support the development of a well-trained research community who can contribute to advancing economic development and social welfare of the partner country by transferring new skills and creating new knowledge.**
- **Strengthen research excellence in partner countries by supporting promising independent, early to mid-career researchers, and their research groups and networks, to develop their research through training, collaboration, reciprocal visits, and the transfer of knowledge and skills from the UK.**
- **Establish long-term links between the best research groups (and networks) in partner countries and the UK to ensure that improvements in research capacity are sustainable in the longer term.**

### Subjects covered:

**Academy of Medical Sciences** – Applicants undertaking clinical and patient orientated research.

By way of further clarification, clinical and patient oriented research is considered to be clinical science and/or an interventional study on human participants at the individual or group level. The list is not intended to be exhaustive, but interventions could involve surgery, the administration of a drug, or be of a public health/preventative nature.

The eligible involvement of human participants in research could include an investigation where the experiments were conducted in vitro – for example, the use of human tissue or other biological samples, chemistry techniques, mathematical modelling or engineering, translational research and collaborative research with clinicians.

**Eligibility:** Applicants must have a PhD or equivalent research experience and hold a permanent or fixed-term contract (see country specific criteria below) in a University, academic research organisation, publicly funded or not for profit research institution outside the UK, which must span the duration of the project. Collaborations should focus on a single project involving overseas-based researcher (“the Overseas Applicant”) and UK-based researcher (“the Co-applicant”). For further details please refer to section 2, ‘Eligibility Criteria’.

**Duration of funding:** Awards are available for two years. Should the budget not be spent at the end of the award period, applicants may be able to apply for a no-cost extension of up to 12 months.

**Countries covered:** Researchers from the countries listed below are eligible to apply for the Newton Advanced Fellowship scheme in this round. The Academy has established partnerships with funding organisations in each of the countries listed below. These partners are offering similar opportunities for UK researchers wishing to visit the partner country.

Country	Newton Fund Partner
China	In partnership with NSFC

**Value: The maximum award value cannot exceed £74,000 for a two-year period (up to a maximum of £37,000 per year).** The following costs will be provided annually for up to two years. Please note that the Fellowship does not provide FEC, contribution to overheads or administrative costs:

- **Salary top up** of £5,000 for the overseas-based - project leader (“the Applicant”) from the partner country.
- **Research support** of up to £15,000: Covering costs for a contribution towards overseas research assistants, publication costs, conference, workshop or seminar costs, consumables and equipment.
- **Travel and subsistence** of up to £12,000: Covering travel costs of the UK partner and/or experienced postdoctoral researchers to the international partner and/or travel of the international partner and their research group, including PhD students to the UK.
- **Training costs** of up to £5,000: Covering costs for courses, conference attendance, training modules and specific training activities.

**For further details and limits for individual costs please refer to section 4, ‘Eligible Costs’.**

**The only fixed cost is the salary top up.** You may request different amounts than stated above for research expenses, travel and subsistence and training as part of your application up to the maximum value of £37,000 per year. Your request will be considered as part of the assessment process.

**Please check with your research/finance office if the overseas applicant is eligible for a salary top up. If you are unable to receive a salary top up, the maximum of £5,000 per year can be attributed to other costs, such as consumables, providing this is justified in your application.**

The overseas applicant and their group may make visits to the UK of up to three months (total) per person per year during the course of the fellowship. Longer visits are acceptable if there is a scientific case for an extended stay or to enable an extended period of training.

**Transfer of funds to overseas institutions:** The funds associated with the award will be paid to the UK institution in the first instance. The UK Host organisation must identify a safe and efficient way to transfer the funds to the overseas institution.

## **Closing dates: 5 November 2020 15:00 UK time**

**Results available:** Results of the competition will be available approximately six months after the application closing date.

**Start date of the Fellowship:** Fellowships must start in March 2021. The fellowships are for a continuous period of two years.

### **Contact Information**

Before contacting us, please check whether your question is answered by these scheme notes. If not, please email: [newton-advanced@acmedsci.ac.uk](mailto:newton-advanced@acmedsci.ac.uk)

## **2. Eligibility Criteria**

### **Overseas Applicants**

- The overseas-based project leader ("the Applicant") must have completed a PhD or have extensive research experience at an equivalent level at the time of application.
- The Applicant must be working as an independent researcher at an overseas institution (in one of the eligible countries), **and should not have more than 18 years of post-doctoral research experience, including time spent in industry, honorary positions and/or visiting researcher positions. Career breaks must be clearly detailed and explained in the application, for example "Start and end dates - career break – maternity/paternity leave"**.
- Applicants must either:
  - Hold a permanent independent research post in a University, academic research organisation or publicly funded or not for profit research institution.OR
  - Hold a named, limited-tenured/fixed-term independent academic research post, obtained in open competition, and held in their **own name** in a University, academic research organisation or publicly funded or not for profit research institution. Applicants must demonstrate that they have sufficient tenure in their post to cover the duration of the award.
- Contact between the overseas Applicant and the UK-based Co-applicant prior to the application is essential. This contact should lead to a clearly defined and mutually - beneficial research project proposal. Please note that the implementing academies will not be able to assist in locating a UK collaborator, but you can use the LinkedIn sites ([here](#) for physical and natural sciences) site on the webpage to communicate with interested parties.
- Applicants must be competent in oral and written English. The UK-based Co-applicant must confirm the competency of the Applicant on the application form and in their supporting statement.

### **Resubmission**

- Individuals who have previously been in receipt of a Newton Advanced Fellowship are not permitted to apply again.
- Applicants who have been unsuccessful in a previous round of the competition may make another application in this round.

Prospective applicants to an open Newton Fund call should note that [Universities UK International](#) (UUKi) offers a partner matching service to help connect Newton Fund partner country researchers to potential UK collaborators. Applicants in Newton Fund partner countries wishing to use this service should complete UUKi's [Partner Request Form](#), ideally as soon as possible after the launch of the call and at least four weeks ahead of the call deadline.

UUKi is then able to suggest UK researchers or research groups which have similar research interests and expertise, and may therefore be interested in collaborating. Partnership requests will also be included on UUKi's [Opportunities for Collaboration webpage](#).

### **UK-based Co-applicant**

- The UK-based researcher ("the Co-applicant") must have completed a PhD or have extensive research experience at an equivalent level at the time of application.
- The Co-applicant must be an independent academic researcher based in the UK and hold a permanent or fixed-term contract in a University or eligible publicly funded research organisation, which includes government research institutes. In the case of fixed-term contracts, the employment must continue for at least the duration of the project.
- The UK based Co-applicant and their host organisation must agree to administer the grant.
- The Co-applicant must make all the necessary practical and administrative arrangements for the duration of the Fellowship.
- Applications cannot be accepted from private or commercial organisations.

### **Country Specific Eligibility Criteria**

As well as fulfilling the above the eligibility criteria, at the request of the in country partner, applicants from the following countries must fulfil the below criteria:

#### **China**

- Applicants applying from China must be supported by the NSFC through the **Distinguished Young Scholar programme** or **Excellent Young Scientist programme**.
- Applicants who are NSFC Distinguished Young Scholars or Excellent Young Scientists must submit their application to NSFC in Chinese, together with the Flexi-Grant® form as an attachment, in order to be eligible for a NSFC grant of up to 300,000RMB.
- UK Co-applicants are limited to one application per round and are not allowed to act as a co-applicant on multiple applications.

**Applicants who are NSFC Distinguished Young Scholars or Excellent Young Scientists: by submitting your application you are agreeing that the information provided in your application can be shared with NSFC.**

- Applicants applying from China should not have more than **18 years of post-doctoral research experience**, including teaching experience, time spent in industry, honorary positions and/or visiting researcher positions.

## **3. References**

Four reference statements are required for the application. The following individuals need to be listed in the application for a reference:

### **1) Departmental Support and UK Host Organisation approval**

- Under the Participants tab displayed on the application form summary page, please enter the e-mail addresses of the following individuals:
  - The **Applicant's** Head of Department
  - The **Co-applicant's** Head of Department

**Note:** if either the Applicant or Co-applicant is the Head of Department, then details of the individual to whom they report to must be supplied instead i.e. Head of School/Head of Faculty/Dean.

- **It is the applicant's responsibility to liaise with the Heads of Department to inform them of the deadline, check that they have received the email instructions for supplying the approval or indication of support through Flexi-Grant® and to ensure that the task is completed by the deadline. Please contact the Academy of Medical Sciences before the deadline if there is a problem. Alternatively, UK Host Organisation's Heads of Department can contact us directly if they have not received the email. The Academy will not be held responsible for emails that are not received due to address errors or spam filters and no provision is made for non-receipt of emails sent by the Academy.**

No two references provided under the departmental support tab and the nominated referee tab can be from the same person. If this is the case then it may make the application ineligible, and alternative referees will need to be provided in accordance to the guidelines.

## 2) Nominated References

- Under the Participants tab displayed on the application form summary page, please enter the e-mail address of the Nominated Referees who you wish to invite to provide the relevant statements. These two referees should be able to provide unbiased comments on the field of research and on the Applicant and/or the Co-applicant. At least one of the nominated referees must be a UK-based researcher.
- The following individuals must be listed under the participants tab
  - The **Applicant's** Nominated Referee
  - The **Co-applicant's** Nominated Referee
- It is recommended that the Nominated References are completed at least **five working days** before the submission deadline to ensure there is sufficient time to submit the application for organisational approval.

The guidelines for choosing a nominated referee are as follows:

- The primary consideration is that he/she is able to comment authoritatively on your application.
- At least one nominated referee must be based in the UK.
- It is requested that one referee be nominated by the Applicant and one by the Co-applicant.
- Nominated referees from the same institution as the Applicant or Co-applicant will not be accepted.
- Nominated references from the Applicant's former/current supervisor (including PhD supervisor) will not be accepted.
- The referee must not be a member on the assessment panel for this programme.
- References must be submitted in English. If a reference is not submitted in English, it will not be accepted and may render the application ineligible.

## 4. Eligible Costs

The award will be paid to the UK institution in the first instance. Both applicants need to identify the most efficient method to transfer the funds to the overseas institution. Payments of up to a maximum of £37,000 per year are made at the beginning of each year of the award. **Payments for year 2 will be processed on receipt of a satisfactory annual report.** The maximum award value cannot exceed £74,000 for the two-year period. **Please note that the Fellowship does not provide FEC, contribution to overheads or administrative fees.**

- **Salary top-up** of up to £5,000 pa may be used for the overseas Lead Applicant
- **Research support** of up to £15,000 pa may be used to pay for:
  - Publication costs (not more than £1,000 per year);
  - Salary contributions of overseas research assistants (not more than £3,000 per year).
  - The cost for organising a conference, workshop or seminar (not more than £3,000 per year).
  - Consumables and equipment.
- **Travel expenses of** up to £12,000 pa, may be used to pay for:
  - The cost of travel, subsistence and visas for the overseas applicant and their research group, including PhD students. They may also be used for the UK Co-applicant and experienced postdoctoral researchers in their group travelling to partner countries to transfer skills or provide training. It may not be used to support travel and subsistence for UK PhD students.
  - The applicant and their group may make visits to the UK of up to three months (total) per person per year during the course of the fellowships. Longer visits are acceptable if there is a scientific case for an extended stay or to enable an extended period of training.
- **Training costs** of up to £5,000 pa, may be used to pay for:
  - The costs of courses, conference attendance, training modules and any specific activities related to training. They may also be used for consumables and equipment used for training.

## 5. Assessment criteria

Successful applications should be strong in all respects but the assessment panel will give consideration to:

- **Applicant**  
The suitability of the individual for the fellowship and their ability/potential to develop and lead an independent programme of research, including their track record commensurate with actual research experience to date, and how the fellowship will further the individual's independent career.
- **Research Proposal**  
The importance and scientific merit of the proposed research and the clarity, quality and originality of the proposed project and likely contribution to the research field in the Newton Fund Country and whether the research plan is clearly defined and feasible.
- **Host organisation/research environment**  
The suitability and the strength of the UK co-applicant and host organisation in the area of the proposed research area and the potential for long-term collaboration beyond the tenure of the award.
- **Expected Benefits to the Newton Fund Country (if applicant from Newton Fund country) / Global Development Impact**

Please comment on the expected benefits to the Newton Fund Country and the Global Development Impact (where applicable), in particular the extent to which the award will contribute to advancing economic development and welfare of the country by transferring new skills and creating new knowledge.

**The following scheme notes set out the application process of the Newton Advanced Fellowship scheme.**

## **6. Application Guidance Notes**

### **Using Flexi-Grant®**

Applications can only be submitted online using the Academy's Grants and Awards management system (Flexi-Grant®) via <https://acmedsci.flexigrant.com/>. **Paper-based applications will not be accepted.**

Before completing the online form, all applicants should check that they comply with the eligibility requirements and ensure all necessary information is presented in the application. These requirements are strictly adhered to and applications without all the necessary information, or evidence to show the assessment criteria are met, will be rejected.

**ORCID identifier:** All applicants applying to the Academy will be required to obtain an ORCID (Open Researcher and Contributor ID) identifier before they can commence their application. ORCID maintains a registry of unique researcher identifiers and a transparent method of linking research funding, research publications, research data and any other research outputs to these unique identifiers. You can register for an ORCID identifier via <https://orcid.org/register>.

### **Completing the application form**

The application can be completed by using the navigation tabs on the application summary page, with each page categorised as follows:

**Summary**

**Eligibility Criteria**

**Contact Details**

**Lead Applicant Career Summary (overseas applicant/team leader)**

**UK Co-applicant Career Summary (UK co-applicant/team leader)**

**Research Proposal**

**Use of Animals in Research**

**Financial Details**

**Applicant Declaration**

**Head of Department Support (of the Overseas Applicant/team leader)**

**Head of Department Overseas Support (of the UK Co-applicant/team leader)**

**Nominated referees Support (of the Overseas Applicant/team leader)**

**Nominated referees Support (of the UK Co-applicant/team leader)**

### **Inviting Participants**

To complete and submit the application form, the Overseas Applicant is required to provide supporting statement from up to four individuals (including the Overseas Applicant's Head of Department, the UK Co-applicants Head of Department, and two nominated referees, one from overseas and the other from the UK). These individuals can be invited through the participants tab displayed on the application form summary page. Under this section of the form you will find each of the required participants as described above displayed. Please select invite and enter the e-mail address of the person who you

wish to invite to provide the relevant statements, and send the invitation. Once the recipient has accepted your invitation, their status will be displayed as 'active'. Upon completion of their section of the application form, their status will be displayed as 'complete'. **You will not be able to submit your application form until the status of all participants' shows 'complete'**. You can monitor the progress of your participant's activity through this section of the application form, and issue reminders is required.

**Once participants have completed all their sections of the application form, please remind them to select 'Save & Submit' on the application form page or select 'Submit your contribution' on the summary page.**

It is recommended that Participants fulfil their requirements **at least 5 working days** before the submission deadline (Thursday 5 November 2020) to ensure there is sufficient time for organisational approval.

### **Re-opening the Application form to Participants**

On the occasion that an invited participant accidentally submits their section of the application form prematurely, the Overseas Applicant has the ability to re-open the application form for the participant. To do this, the Overseas Applicant should return to the Participant tab on the application form summary page. You will find a 're-open' button alongside the name of any participant who has completed their section of the form. Once you click this button, the form is reactivated and available for participants to amend.

### **Research Support Role**

The Research Support role displayed under the participants tab is an optional role, which allows you to invite an individual from the relevant UK Host Organisation research support team to review and amend the application prior to submission. The primary purpose is to ensure that the requested finances have been recorded correctly for this specific grant programme. As this is an optional role, it will not affect your ability to submit your application for approval.

Further guidance and support can be found through the [applicant and approver knowledge base](#).

**Please note that questions with \* are mandatory fields, which is typically the majority of questions. You will only be able to submit your application for approval by the Host Organisation once all sections of the application form have been marked as complete, and your participants have marked their work as complete (please check the status of participants under the participants tab on the application form summary page). Late applications will not be accepted.**

In the following table each box represents a page of the application form; the left-hand column contains the questions within each of these pages as set out in the form; the right-hand column contains useful guidance on its completion.

## **7. Use of Data**

Please note that information regarding your application for the Newton Advanced Fellowship may be shared with the Department of Business, Energy and Industrial Strategy (BEIS), Royal Society, British Academy, NSFC data monitoring and scheme evaluation purposes. You may also be contacted by selected third parties such as independent evaluators, consultancy groups, and career development organisations. If successful, The Academy of Medical Sciences will contact you regarding the administration of your award throughout the course of your funding and after its completion. You may also be contacted by the Royal Society, BEIS, Academy of Medical Sciences,



British Academy, NSFC, or an agent acting on their behalf, for reporting and evaluation purposes throughout the course of your funding and after its completion.

**Please read these guidance notes carefully as you complete the form.**

**Please note the Lead Applicant must be the researcher based in the Newton Fund Country**

<b>Summary</b>	
<b>Summary table</b>	<p>The summary page of the application form provides instructions for submission of your application for approval from the Host Organisation. In addition you are provided with an overview for each section of your application form, and the approximate length of time it will take to complete each section.</p> <p>The summary page also allows applicants to manage and invite participants (e.g. Head of Department and Nominated Referees etc.) who will partake in the application form. Instructions for inviting participants can be found under the 'participants' tab on the application summary page.</p>

<b>Eligibility Criteria</b>	
<b>Eligibility Criteria*</b>	<p>Confirm that the Overseas Applicant and Co-applicant meet the eligibility criteria. Details of the eligibility criteria can be found on page 3.</p>

<b>Contact Details</b>	
<b>Title, Names, address, organisation and country*</b>	<p>Review and complete your <b>personal details</b> accurately. Errors in this section can cause difficulties in processing your application.</p> <p>Under this section, you should edit the <b>contact type</b> of the participants who will partake in your application form. The system default contact type is set as 'collaborator'. To amend the contact type of your Head of Department, click 'edit', and under the contact type field, select the 'Head of Department'.</p> <p><b>Organisation:</b> this table will automatically display details of the intended Host Organisation '<b>marked by a tick</b>' which you selected previously, and your current organisation if different from the organisation where the award will be held and administered.</p>
<b>Email address*</b>	<p>This field defaults to the account in which the application has commenced, and is where all correspondence pertaining to the application throughout the application process, and in the event of the application being successful, will be sent.</p>

<b>Overseas Applicant and UK Co-applicant Career Summary</b>	
<b>Full name *</b>	Please enter your full name, including title. <b>(Co-applicant only)</b>
<b>Title of Current Position*</b>	State the title of your current position. <i>(maximum 20 words)</i>
<b>Current Employer*</b>	Enter the official organisation name of your current employer.
<b>Current Department*</b>	Enter details of your current department name (e.g. Department of Astrophysics).

<b>Current Position Start Date*</b>	Enter the date when your current position started.
<b>Current Position end Date*</b>	Please enter the date when your current position is expected to finish. If you are on a permanent contract please enter 31 December 2050.
<b>Subject Group/ Area*</b>	Select the subject group/area(s) that most closely reflects your area of research from the drop-down menu and tick box options.
<b>Applicant Qualifications*</b>	<p>List all your qualifications in reverse chronological order. The depth of information you provide is up to you, but this will represent you under assessment and so it is worth including as much good evidence for your academic merit as possible.</p> <p><b>Note:</b> You can retrieve your qualification information from your profile to complete this section of the application form using your ORCID identifier.</p>
<b>Applicant Career History*</b>	<p>List all your posts and the dates in reverse chronological order. The depth of information you provide is up to you, but this will represent you under assessment and so it is worth including as much good evidence for your academic merit as possible.</p> <p><b>Please provide full details of any periods of part-time working, career breaks, extended sick leave or maternity/paternity/adoptive leave as your eligibility may depend on the accuracy of this information.</b></p> <p><b>Note:</b> You can retrieve your career history information from your profile to complete this section of the application form using your ORCID identifier.</p>
<b>List your key and/ or relevant publications*</b>	<p>Provide details of authors, titles and references for <u>up to five</u> of your best publications in refereed journals, in reverse chronological order. You should choose not only the best but also those most relevant to the application to support your case. (<i>Maximum 250 words</i>). <b>Please note that <u>only five publications will be accepted</u>; any additional publications beyond this limit will not be taken into consideration and will be excluded by the secretariat.</b></p> <p>For publications arising from large collaborative programmes clearly specify the exact role and contribution made towards large collaborative research programmes that have resulted in multi-authored publications.</p> <p>If your field of research differs in any way from normal conventions, e.g. lead author, first author, and publications in journals being the main gauge of success, please provide a brief explanation at the top of your publication list.</p> <p><b>Note:</b> if you have an existing ORCID identifier, you can retrieve your key publications from your profile to complete this section of the application form.</p>
<b>Field of Specialisation*</b>	Enter details of your field(s) of specialisation. ( <i>Maximum 20 words</i> )

<b>Summary of Your Current Research*</b>	Provide an outline summary of your current research. Please also include a brief comment on the strength of your organisations. <i>(Maximum 200 words)</i>
<b>Country*</b>	Select the country where your current employer is based. <b>(Overseas Applicant Only)</b>
<b>PhD Awarded Date*</b>	Please enter the date that you were awarded your PhD. If you have not received your PhD, please enter your expected completion date.
<b>PhD Institution*</b>	State the name of the institution where you were awarded or are completing your PhD.
<b>PhD Country*</b>	State the country in which you were awarded or will be awarded your PhD (Lead Applicant only)
<b>Applicant Research Funding History*</b>	<p>Please list all your current and previous research funding in reverse chronological order. The depth of information you provide is up to you, but this will represent you under assessment and so it is worth including as much good evidence for your academic merit as possible.</p> <p><b>Note:</b> You can retrieve your qualifications and career history information from your profile to complete this section of the application form using your ORCID identifier.</p>

<b>Research Proposal</b>	
<b>Project Title*</b>	Give the full title of your proposed project. <i>(Maximum 20 words)</i>
<b>Start Date*</b>	Please enter the proposed start date of the project. Grants must commence in March 2021.
<b>End Date*</b>	This must be 2 years from the start date.
<b>Subject Group/Area*</b>	Select the subject group/area(s) that most closely defines the research area of the research proposal from the drop-down menu and tick box options. This will enable us to allocate the application to the most appropriate assessment panel.
<b>Keywords*</b>	Please give up to six keywords that might be helpful in classifying your research.
<b>Reviewers*</b>	<p>Please suggest up to three potential reviewers for your application.</p> <p>Reviewers should not be based at your current or previous institution(s), nor at those of your collaborator(s). Co-authors in previous publications should also be excluded. Your suggestions will be hidden from reviewers and Panel members.</p>
<b>Abstract*</b>	Please provide a scientific summary of your proposed project. This should be a summary of your research proposal, briefly outlining the background and summarising the aims of your project. <i>(Maximum 400 words)</i>
<b>Lay Summary*</b>	Provide a lay summary of your proposed project. This should be understood by a layperson. Explain why you have chosen to work in this subject area and what it is about your proposed research that you find particularly exciting, interesting or important. Please also explain the potential impact or wider benefits to society of your research. <i>(Maximum 250 words)</i>
<b>Research Proposal*</b>	<p>You can either detail your research proposal within this application form <i>(Maximum 1,500 words)</i>, or alternatively upload it as a PDF file. PDF files must be no longer than 3 sides of A4, portrait orientation, be titled and the text size cannot be smaller than Arial size 10.</p> <p>Your research proposal should provide a general description of the proposed research to be carried out. This should include, but is not limited to, the following:</p>

	<ul style="list-style-type: none"> <li>• clear specification of the context and research objectives of the proposed study.</li> <li>• description of the methodology to be used</li> <li>• indication of milestones/timescales</li> </ul>
<b>Training*</b>	<p><b>A training programme is a critical aspect of the Newton Advanced Fellowship and must be included as part of the application. This is a requirement of the scheme and the Newton Fund.</b></p> <p>It is expected that the fellowship will address specific gaps relevant to the Overseas Applicant's own development and that of their research group. It is advised that the Overseas Applicant undertakes a thorough skills gap analysis to identify the training required.</p> <p>Within the text field of the application form please provide an overall summary of the proposed training programme, its relevance and suitability. Please ensure you include the structure of the training programme (e.g. courses, training modules, specific activities), who will deliver and who will receive the training, which training will be performed at the Overseas Applicant's institution or performed in the UK, and what are the expected outcomes.</p>
<b>Sustainable Development Goals*</b>	If applicable, please select the primary Sustainable Development Goal that your proposal will address.
<b>Previous Contact*</b>	Please provide details of any previous contact with the UK-based Co-applicant and indicate whether you have met them personally
<b>Benefits to Individuals /Institutions*</b>	Describe clearly the planned outcomes and any potential benefits that will result from the proposed collaboration for the Overseas Applicant and their home institution. Please comment on how the award will benefit the career development of the Overseas Applicant and contribute to the transfer of knowledge and research capabilities, the added value of the collaboration, and any intentions for sustaining the partnership in the longer term. <i>(Maximum 200 words)</i>
<b>Benefits to Overseas Country*</b>	Describe any potential benefits to the overseas country and/or country of origin that will result from the proposed fellowship, especially how the research will contribute to the development of a well-trained research community, and how it will contribute to advancing economic development and social welfare of the country through enhanced research and innovation capacity to benefit the wider society <i>(Maximum 200 words)</i> .
<b>Benefits to UK*</b>	Describe any potential benefits to the UK and UK research that will result from the proposed Fellowship <i>(Maximum 200 words)</i> .
<b>Global Development Impact*</b>	Please outline the potential of the proposal to deliver global development impact. The proposed research should inform global development challenges by contributing to the global knowledge base. <i>(Maximum 200 words)</i>

#### **Data Management and Data Sharing**

The Academy supports science as an open enterprise, and is committed to ensuring that data outputs from research that it funds is made publicly available in a managed and responsible manner, with as

few restrictions as possible. Data outputs should be deposited in an appropriate, recognised, publicly available repository, so that others can verify and build upon the data, which is of public interest.

The funding academies do not dictate a set format for data management and sharing plans. Where they are required, applicants should structure their plan in a manner most appropriate to the proposed research. The information submitted in plans should focus specifically on how the data outputs will be managed and shared, detailing the repositories where data will be deposited. In considering your approach for data management and sharing, applicants should consider the following:

- What data outputs will be generated by the research that are of value to the public?
- Where and when will you make the data available?
- How will others be able to access the data?
- If the data is of high public interest, how will it be made accessible not only for those in the same or linked field, but also to a wider public audience?
- Specify whether any limits will be placed on the data to be shared, for example, for the purposes of safeguarding commercial interests, personal information, safety or security of the data.
- How will datasets be preserved to ensure they are of long-term benefit?

<b>Outline of data management and data sharing plan*</b>	If the proposed research will generate data that is of significant value to the research community, then please provide details of your data management and sharing plan. <i>(maximum 200 words)</i>
<b>Overseas Field Research *</b>	Will you be conducting field research overseas?
<b>Overseas Field Research (Upload only)</b>	Please upload documents related to the following (if applicable):  1. Permission Any mandatory documents that show local support has been assured by way of permission from the government concerned to travel to and work in the country.  2. Collection of specimens Any mandatory documents that show: <ul style="list-style-type: none"> <li>• Specific permission has been obtained from the host country to collect and to export specimens and material.</li> <li>• The director of the museum or other decision makers where these specimens will be deposited has indicated his/her desire or willingness to have such specimens and material</li> </ul>

### **Use of Animals in Research**

The Academy of Medical Sciences is committed to supporting the development of alternative methods to reduce and/or replace the use of animals in research. Applicants proposing to use animals in their research must ensure that the use of animals falls within the regulations stipulated in the Animals (Scientific Procedures Act) 1986 and subsequent amendments. Additionally, applicants should continually be aware of developments in best practice, and adopt the principles of the [3Rs](#) when designing and conducting experiments on animals.

As a funder of research, the Academy takes its responsibilities towards the UK Animals (Scientific Procedures Act) 1986 seriously, and requires applicants to consider the questions below when preparing grant applications that include the use of animals.	
<b>Does your proposal involve the use of animals or animal tissue? *</b>	Select 'Yes' or 'No'. If you have selected 'Yes' it is mandatory to complete all of the relevant questions on the Use of Animals in Research page.
<p><b>Experimental Design Assistant</b></p> <p>The Academy of Medical Sciences recommends that applicants use the <a href="#">Experimental Design Assistant</a> (EDA), which is a free resource from the NC3Rs to support researchers in the planning of animal experiments. This will help to facilitate robust study design and reliable and reproducible findings.</p> <p>The EDA helps applicants build a machine-readable diagram representing their experimental plan, following capture of their methodology, and allows the applicant to then generate a PDF report which provides a transparent description of the experimental design in a standardised format, which can be uploaded to the application form.</p> <p>Please note: Applicants who choose to use the EDA, and subsequently uploads the EDA report to the application form, are advised to enter see report or n/a into any question fields within this section of the application form that have already been captured in the EDA report, to avoid any duplication.</p>	
<b>Use of Human Patients and Tissue</b>	
Any application for a research proposal involving human patients or tissue and therefore requiring local ethical committee approval will be considered only when accompanied by the necessary permission certificate or proof that ethical permission will be sought, which must be provided in English.	
<b>Does your proposal involve the use of human patients or tissue?*</b>	Select 'Yes' or 'No'. If you have selected 'Yes' it is mandatory to provide either a certificate or letter, as proof that ethical permission has been obtained. Please upload the file as a PDF in portrait orientation.

<b>Financial Details</b>	
<b>Duration*</b>	Specify the duration of your project: 2 years.
<b>Budget Table*</b>	<p>The following costs will be provided annually for two years:</p> <ul style="list-style-type: none"> <li>• Salary top up of £5,000 for the overseas Applicant.</li> <li>• Research support of up to £15,000: Covering costs for a contribution towards research assistants, consumables or equipment.</li> <li>• Travel and subsistence of up to £12,000: Covering travel costs of the UK partner to the international partner and/or travel of the international partner to the UK.</li> <li>• Training costs for up to £5,000.</li> <li>• Maximum per year: Up to £37,000</li> </ul>
<b>Justification*</b>	Please fully justify all claims for funding, especially the requests for Research Costs.

<b>Financial plan*</b>	Provide a financial management plan for the project. This should include proposed financial transferral mechanisms to the overseas institution ( <i>Maximum 1500 words</i> )
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<b>Applicant Declaration*</b>
<b>Please declare that:</b>
<ul style="list-style-type: none"> <li>• You have read the Terms and Conditions of Award under which Academy of Medical Sciences grants are awarded and, if a grant offer is made, you agree to abide by them.</li> <li>• You have access to the necessary facilities to enable you to deliver the research proposed, and will continue to have access to the facilities for the duration of the project.</li> <li>• You have agreed with your Head of Department that you will be afforded sufficient time and resources to deliver the research project as described in this application.</li> </ul>

<b>Overseas Applicant and UK Co-applicant Head of Departmental Support*</b>
<p>You should invite both Heads of Department from the overseas and UK organisation to provide a statement of support by following the instructions under the Participants tab on the application form summary page. Please check that they are able to supply their statement by <b>Thursday 5 November 2020</b>.</p> <p>Please Check which email address your Head of Department would like to use, as they may already be registered on Flexi-Grant® and mistakes may lead to a delay in processing your application.</p> <p>The head of department is expected to detail your suitability for the department and also set out their intentions for your career progression at the host organisation.</p>

<b>Overseas Applicant and UK Co-applicant Nominated referee Support*</b>
<p>You should invite two referees who can provide confidential references for your application, by following the instructions under the Participants tab on the application form summary page Please check with them that they are happy to provide the references, and inform them that they will be contacted by email and asked to provide references via the Flexi-Grant® system by <b>Thursday 5 November 2020</b>.</p> <p>It is requested that one referee be nominated by the Applicant and one by the Co-applicant. Nominated referees from the same institution as the Applicant or Co-applicant will not be accepted. Your named Head of Department cannot be listed as a referee. At least one nominated referee must be based in the UK.</p> <p>Nominated references from the Applicant's former/current supervisor (including PhD supervisor) will not be accepted. The referee must not be a member on the assessment panel for this programme or a member of the Academy of Medical Sciences' Council.</p>

#### 4. Review Process

- All applications to the Newton Advanced Fellowships are reviewed and assessed by three members of the selection panel who have the most appropriate scientific expertise using the criteria detailed on page 6.
- It is expected that applicants will be notified of the outcome of their application by email approximately six months after the application deadline.



Please be assured that the Academy specifically requests anyone involved in reviewing applications to consider them in confidence.

## Appendix 1: Application Submission Process Flow Diagram

