

 Zainab Khan-Aanchawan

 The Royal Society

## Section 1 - Understanding our Promotion

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### How did you hear about this Scheme?

Please select the option that applies the most.

- ☐ Colleague/Friend
- ☐ Current/past research organisation
- ☐ Event: Royal Society
- ☐ Event: Other
- ☐ Google/other search engine
- ☐ Newsletter: Royal Society
- ☐ Newsletter: Other
- ☐ Social Media: Twitter
- ☐ Social Media: LinkedIn
- ☐ Social Media: Other
- ☐ The Royal Society website
- ☐ UK Science and Innovation Network
- ☐ By another route
- ☐ Website advert (please specify which website below)
- ☐ BBSTEM (Black British Professionals in STEM): Jobs & Opportunities board or social media

**Please specify via which other channel (newsletter/social media platform/event/website) you heard about this scheme.**

*No Response*

## Section 2 - Eligibility Criteria

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**Do you and your co-applicant(s) hold a permanent or fixed-term contract in an eligible organisation e.g. university or not-for-profit research organisation that spans the duration of the project?**

- ☐ Yes
- ☐ No

## Section 3 - Contact Details

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## PRIMARY APPLICANT DETAILS

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**Name** Zainab  
**Surname** Khan-Aanchawan  
**Organisation** The Royal Society  
**Email (Work)** zainab.khan-aanchawan@royalsociety.org  
**Address** United Kingdom of Great Britain and Northern Ireland (the)

## GMS ORGANISATION

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Type	Academy or Learned Society
<b>Name</b>	The Royal Society
<b>Phone</b>	020 7451 2500
<b>Email (Work)</b>	grants@royalsociety.org
<b>Website (Work)</b>	https://royalsociety.org
<b>Address</b>	6-9 Carlton House Terrace LONDON London SW1Y 5AG

## Section 4 - UK Lead Applicant Career Summary

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### Title of Current Position

Please state the title of your current position.

*No Response*

### Current Employer

Please enter the official organisation name of your current employer.

*No Response*

### Current Department

Please enter details of your current department name (e.g. Department of Astrophysics).

*No Response*

### Country/Territory

Please select the country/territory where your current employer is based.

*No Response*

### Current Position Start Date

**Please enter the date when your current position started.**

*No Response*

### **Current Position End Date**

**Please enter the date when your current position is expected to finish.**

*No Response*

### **Contract Type**

**Please select your current contract type from the list below.**

*No Response*

### **Field of Specialisation**

**Please enter details of your field(s) of specialisation.**

*No Response*

### **Summary of your Current Research**

**Please provide an outline summary of your present research.**

*No Response*

**When did you, or when are you, expecting to receive confirmation of your PhD?**

*No Response*

### **PhD Institution**

**Please state the name of the institution where you were awarded or are completing your PhD.**

*No Response*

### **Personal Statement**

**Please provide a personal statement detailing your research career to date including prizes and achievements, and your career and research aspirations in the long term.**

*No Response*

### **Applicant Career History**

**Please list all of your appointments since your PhD and the dates in reverse chronological order, stating if part-time (and percentage part-time) when necessary.**

*No Response*

### **Impact of Covid-19**

**The Society appreciates that the impact of the coronavirus pandemic on researchers and their work will be varied. Please provide a summary of how the pandemic has affected your research activities. (500 words max)**

*No Response*

## **Applicant Qualifications**

**Please list all your qualifications in reverse chronological order.**

*No Response*

## **List your Key and/or Relevant Publications**

Please provide details of authors, titles and references 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.

*No Response*

## **Applicant Research Funding**

**Please list all your current and previous research funding in reverse chronological order.**

*No Response*

## **Section 5 - Korean Lead Applicant Career Summary**

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**Please enter your full name, including title below.**

*No Response*

### **Title of Current Position**

**Please state your current position title.**

*No Response*

### **Current Employer**

**Please enter the official organisation name of your current employer.**

*No Response*

### **Current Department**

Please enter details of your current department name (e.g. Department of Astrophysics).

*No Response*

### **Country/Territory**

Please select the country/territory where your current employer is based.

*No Response*

### **Current Position Start Date**

**Please enter the date when your current position started.**

*No Response*

**Current Position End Date**

**Please enter the date when your current position is expected to finish.**

*No Response*

**Contract Type**

**Please select your current contract type from the list below.**

*No Response*

**Field of Specialisation**

**Please enter details of your field(s) of specialisation.**

*No Response*

**Summary of your Current Research**

**Please provide an outline summary of your present research.**

*No Response*

**PhD Award Date**

**Please enter the date that you were awarded your PhD.**

*No Response*

**PhD Institution**

**Please state the name of the institution where you were awarded or are completing your PhD.**

*No Response*

**Personal Statement**

**Please provide a personal statement detailing your research career to date including prizes and achievements, and your career and research aspirations in the long term.**

*No Response*

**Career History**

**Please list all of your appointments since your PhD and the dates in reverse chronological order, stating if part-time (and percentage part-time) when necessary.**

*No Response*

**Qualifications**

**Please list all your qualifications in reverse chronological order.**

*No Response*

**List your Key and/or Relevant Publications**

Please provide details of authors, titles and references 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.

*No Response*

## Research Funding

**Please list all your current and previous research funding in reverse chronological order.**

*No Response*

## Section 6 - Research Proposal

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### Title

**Please give the full title of your research proposal.**

*No Response*

### Start Date

**Please enter the proposed start date**

*No Response*

### End Date

**Please enter the proposed end date for your research**

*No Response*

### Scientific Categorisation

Please select whether you consider your application to be primarily a biological sciences or a physical sciences application.

*No Response*

### Subject Group

Please select the subject group that most closely defines the research area of the research proposal from the drop-down menu below.

*No Response*

### Subject Area RS

**Please select one or more subject area(s) that most clearly defines the research area of the research proposal from the subject sub-category list below.**

The subject group and areas that you select in this section of your application play a vital role in matching your application with appropriate reviewers, so it is extremely important to select only the most relevant subject sub-categories from the list. Please select between 1 to 4 tick box options, with 4 as the maximum.

- ☐ Mechanics (Theoretical and Applied)
- ☐ Applied Mathematics and Theoretical Physics
- ☐ Pure Mathematics
- ☐ Statistics and Operational Research

- ☐ Astronomy
- ☐ Astrophysics
- ☐ Biophysics
- ☐ Computational Physics
- ☐ Condensed Matter (incl. soft matter, liquids and nano-materials)
- ☐ Cosmic Radiation
- ☐ Cosmology
- ☐ Crystallography
- ☐ Elementary Particle Physics
- ☐ Gravitation
- ☐ Interstellar Medium
- ☐ Lasers and Optoelectronics
- ☐ Low Temperature Physics
- ☐ Magnetism
- ☐ Mathematical and Theoretical Physics
- ☐ Mathematical Astronomy
- ☐ Mathematical Astrophysics
- ☐ Mathematical Cosmology
- ☐ Mathematical Gravitation
- ☐ Nuclear Atomic and Molecular Physics
- ☐ Planetary Science
- ☐ Plasma Physics
- ☐ Quantum Theory
- ☐ Semi-conductors
- ☐ Solar Physics
- ☐ Statistical
- ☐ Physics (Applied)
- ☐ Physics (Experimental)
- ☐ Chemistry, general
- ☐ Chemistry, organic
- ☐ Chemistry, inorganic
- ☐ Chemistry, physical
- ☐ Chemistry, applied
- ☐ Chemistry, theoretical
- ☐ Chemistry, biological
- ☐ Chemistry, materials
- ☐ General Engineering
- ☐ Civil Engineering
- ☐ Structural Engineering
- ☐ Environmental Engineering
- ☐ Mechanical Engineering
- ☐ Chemical Engineering
- ☐ Aeronautical Engineering
- ☐ Electrical Engineering
- ☐ Electronics
- ☐ Opto-electronics (incl. lasers, optical microscopy, optical imaging, fibre optics)
- ☐ Space Technology
- ☐ Communications (incl. information theory)
- ☐ Computer Engineering (incl. software)

- ☐ Control (incl. robotics)
- ☐ Medical Engineering
- ☐ Nuclear Technology
- ☐ Fluid Dynamics
- ☐ Material Science (incl. material engineering)
- ☐ Instrumentation
- ☐ Electric Power
- ☐ Archaeology
- ☐ Mineralogy
- ☐ Physical Geography
- ☐ Atmospheric Physics and Meteorology
- ☐ Atmospheric Chemistry
- ☐ Climate Science
- ☐ Hydrology
- ☐ Physical Oceanography
- ☐ Chemical Oceanography
- ☐ Limnology
- ☐ Geology
- ☐ Geodesy
- ☐ Geochemistry
- ☐ Geophysics
- ☐ Seismology
- ☐ Biochemistry and Molecular Biology
- ☐ Biophysics and Structural Biology
- ☐ Molecular Immunology
- ☐ Molecular Microbiology
- ☐ Cell Biology (incl. molecular cell biology)
- ☐ Developmental Biology
- ☐ General Microbiology
- ☐ Cellular and Humoral Immunology
- ☐ Cellular Pathology
- ☐ Genetics (excl. population genetics)
- ☐ Cytogenetics
- ☐ Immunology
- ☐ Epidemiology (non-clinical)
- ☐ Animal and Human Physiology, and Anatomy (non-clinical)
- ☐ Physiology and Medicine (non-clinical)
- ☐ Pharmacology (non-clinical)
- ☐ Physiology (non-clinical, incl. biophysics of cells)
- ☐ Endocrinology and Reproduction (non-clinical)
- ☐ Experimental Psychology
- ☐ Behavioural Neuroscience
- ☐ Development and Control of Behaviour
- ☐ Cellular Neuroscience
- ☐ Molecular Medicine
- ☐ Medical Microbiology
- ☐ Nutrition
- ☐ Medical Statistics and Demography
- ☐ Medical Instrumentation



- ☐ Organismal Animal Biology (incl. invertebrate and vertebrate zoology)
- ☐ Plant Sciences and Botany
- ☐ Ethology
- ☐ Evolution
- ☐ Ecology (incl. behavioural ecology)
- ☐ Taxonomy and Systematics
- ☐ Population Genetics
- ☐ Agricultural Science
- ☐ Environmental Biology
- ☐ Biological Modelling
- ☐ Biological Statistics
- ☐ Soil Science
- ☐ Entomology
- ☐ Paleozoology
- ☐ Parasitology
- ☐ Systems (incl. networking)
- ☐ Artificial Intelligence
- ☐ Machine Learning
- ☐ Vision
- ☐ Databases
- ☐ Programming languages and verification
- ☐ Numerical computing
- ☐ Human-computer interaction
- ☐ New computational paradigms (quantum, biological)
- ☐ Security and privacy

## Abstract

**Please provide a scientific summary of your proposal. This should be a summary of the proposed research, briefly outlining the background and summarising the aims of your project**

*No Response*

## Lay Summary

Please provide a lay summary of your proposal. This should be understandable 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. If applicable, please also explain the potential impact or wider benefits to society of your research.

*No Response*

## Research Proposal

**Please detail your research proposal within this application form, 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.**

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:

- clear specification of the **context**, research objectives and **expected outputs of the proposed study**;

- description of the methodology to be used, **including data analysis**;
- an indication of the milestones and timescales

Please specify your preferred method for detailing your research proposal.

- ☐ Text field
- ☐ PDF upload

## Research Proposal

**Please provide details of your research proposal in the field below.**

*No Response*

## Research Proposal

**Please upload your proposal 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.**

*No Response*

## Participants

**List other project participants from both teams, their current academic role/post and why you wish to include them on the project.**

*No Response*

## Training

*No Response*

## Previous contact

Please provide details of any previous contact and indicate whether you have met them previously.

*No Response*

## Equitable Partnerships

**It is expected that proposals are co-developed and that applicants form genuine, equitable partnerships that ensure fair opportunity, process, and sharing of benefits, costs and outcomes. Please comment on how you have jointly approached and will ensure an equitable partnership. Please also comment on any intentions for sustaining an equitable partnership in the longer term.**

Please refer to Section 5 of the Scheme Notes when completing this question.

*No Response*

## Benefits to individuals/institutions

**If relevant, please describe any other potential benefits or added value that has not been covered in other parts of the application form.**

*No Response*

## Section 7 - Data Management and Data Sharing

### Outline of Data Management and Data Sharing Plan

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.

*No Response*

### Fieldwork

Will you be conducting fieldwork as part of your research?

- ☐ Yes  
☐ No

## Section 8 - Use of Animals in Research

Does your proposal involve the use of animals or animal tissue?

- ☐ Yes  
☐ No

## Section 9 - Use of Human Participants, Patients and Tissue

Does your proposal involve the use of human participants, patients or tissue?

- ☐ Yes  
☐ No

## Section 10 - Financial Details

### UK Partner

Values should be added in GBP. Costs requested in the below table will covered by the Royal Society.

Budget heading		Year 1	Year 2	Year 3	Total
<b>Research Expenses</b>					
Animal Costs	Cost	£0.00	£0.00	£0.00	£0.00
Travel and subsistence	Cost	£0.00	£0.00	£0.00	£0.00
Other Directly Incurred	Cost	£0.00	£0.00	£0.00	£0.00
<b>Research Expenses Total</b>	<b>Cost</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>
<b>Equipment</b>					

Budget heading		Year 1	Year 2	Year 3	Total
Equipment	Cost	£0.00	£0.00	£0.00	£0.00
<b>Equipment Total</b>	<b>Cost</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>
<b>Other Research Staff</b>					
Other Research Staff (incl. Basic Salary, Oncosts & London Allowance)	Cost	£0.00	£0.00	£0.00	£0.00
<b>Other Research Staff Total</b>	<b>Cost</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>
<b>Other Costs</b>					
Other Costs	Cost	£0.00	£0.00	£0.00	£0.00
<b>Other Costs Total</b>	<b>Cost</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>
<b>Grand Total</b>	<b>Cost</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>	<b>£0.00</b>

### Korean Partner

Values should be added in KRW. Costs requested in the below table will covered by NRF.

	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Total</u>
<b>Labour Costs</b>	0	0	0	<i>No Response</i>
<b>Student Researcher Stipend</b>	0	0	0	<i>No Response</i>
<b>Research Facility and Equipment Costs</b>	0	0	0	<i>No Response</i>
<b>Research Material Costs</b>	0	0	0	<i>No Response</i>
<b>Research Activity Costs (Travel expenses, expenses for holding conferences and seminars, publication fees, consulting fees for external experts, etc.)</b>	0	0	0	<i>No Response</i>

Research Incentives	0	0	0	No Response
Indirect costs (5% of the total Research budget)	0	0	0	No Response
Total	No Response	No Response	No Response	No Response

Justification for Other Research Staff

Please confirm the total value requested and provide a full justification for this amount.

No Response

Justification for Equipment

Please confirm the total requested for equipment and provide a full justification for this cost.

No Response

Justification for Research Expenses

Please confirm the total value requested for all research expenses and provide a full justification for this amount.

No Response

Justification of Other Costs

Please confirm the total value requested and provide a justification for this amount.

No Response

Justification for the inflation rate applied

Please include the percentage inflation rate applied across all budget categories and the reasoning behind the percentage used.

No Response

Section 11 - Applicant Declaration

Declaration

I hereby declare that the information provided in this application is true and correct to the best of my knowledge.

Unchecked

Applicant Name	No Response
Date	No Response

## Section 12 - UK Lead Applicant Head of Department Support

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### Statement of Support

Please provide a statement in support of the application as a PDF on headed paper, that includes your name, title, and contact details

*No Response*

### Head of Department Support

**Please confirm whether the applicant will be provided with adequate space and access to resources within your department.**

- ☐ Yes  
☐ No