

Mr Ryan Ahmed

The Royal Society

Section 1 - Understanding our Promotion

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

Please specify via which other channel (Newsletter/Social Media platform/Event) you heard about this Scheme.

No Response

Section 2 - Eligibility Criteria

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

PRIMARY APPLICANT DETAILS

Title Mr
Name Ryan
Surname Ahmed
Organisation The Royal Society
Email (Work) ryan.ahmed@royalsociety.org
Address royal
london
United Kingdom of Great Britain and Northern
Ireland (the)

GMS ORGANISATION

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

Section 4 - UK Lead Applicant Career Summary

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

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

Title

Please give the full title of your research proposal.

No Response

Start Date

Please enter the proposed start date for your research

No Response

End Date

Please enter the proposed end date for your research

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.

- 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

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 X 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

Budget heading		Year 1	Year 2	Year 3	Total
Research Expenses					
Research Expenses	Cost	£0.00	£0.00	£0.00	£0.00
Research Expenses Total	Cost	£0.00	£0.00	£0.00	£0.00
Equipment					
Equipment	Cost	£0.00	£0.00	£0.00	£0.00
Equipment Total	Cost	£0.00	£0.00	£0.00	£0.00
Other Research Staff					
Other Research Staff	Cost	£0.00	£0.00	£0.00	£0.00
Other Research Staff Total	Cost	£0.00	£0.00	£0.00	£0.00
Other Costs					
Other Costs	Cost	£0.00	£0.00	£0.00	£0.00
Other Costs Total	Cost	£0.00	£0.00	£0.00	£0.00
Grand Total	Cost	£0.00	£0.00	£0.00	£0.00

Korean Partner

Values should be added in KRW

	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Total</u>
Labour Costs	0	0	0	No Response

Student Researcher Stipend	0	0	0	<i>No Response</i>
Research Facility and Equipment Costs	0	0	0	<i>No Response</i>
Research Material Costs	0	0	0	<i>No Response</i>
Research Activity Costs (Travel expenses, expenses for holding conferences and seminars, publication fees, consulting fees for external experts, etc.)	0	0	0	<i>No Response</i>
Indirect costs (Fixed at 5% of direct costs)	0	0	0	<i>No Response</i>
Total	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>	<i>No Response</i>

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

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