

Early Career Fellowships applicant guidance

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We try to make sure that the information in this guidance is accurate. But changes are possible and the most up-to-date guidance is available on our website. If you have any questions, you can email us at research@mssociety.org.uk or call us on 020 8438 0822.

We're the largest charitable funder of MS research in the UK. We welcome applications for projects that will increase understanding of the cause of MS. And find new effective treatments or prevention strategies. As well as projects improving care and services for people affected by MS too.

We don't make any decisions on the scientific quality and relevance of applications. These are made by independent peer and lay reviewers. As members of the Association of Medical Research Charities we adhere to the Principles of Peer Review.

- Read more about our approach to reviewing applications on our website.
- Read more about The Expert Review Network (TERN) on our website.

You should use this guidance document with the "Help" sections in the application forms on our online application system Grant Tracker. There's a list of key terms used throughout this guidance and their definitions in the appendix.

Log into Grant Tracker.

1. Early Career Fellowships purpose and scope

Early Career Fellowships are one of our Career Development Awards. They aim to attract and retain talented postdoctoral researchers who want to build a successful career in MS research. These awards provide a staged career structure and the opportunity for you to progress towards higher level appointments. All Early Career Fellowship applications should be hypothesis-driven. Or should clearly outline the research question(s) you're trying to answer.

These Fellowships are for up to four years in duration. We support flexible and part-time working for Early Career Fellows. You can complete your Fellowship part-time at a minimum of 50% full-time equivalent.

We provide support for:

- your salary for up to four years
- up to £80,000 in running costs
- up to £4,000 towards conference attendance or travel

The running costs and conference/travel can be spread across your Fellowships duration. But mustn't exceed the maximum amounts stated above. These costs are pro rata. We encourage you to spread these costs evenly where possible, to help us manage our annual budgeting.

Early Career Fellowships are typically around £300,000 - £375,000. If your total budget is more than £375,000 **you must contact us at least a month before the submission deadline to discuss this.** We'll automatically reject any applications that exceed this amount without prior discussion.

1.1. Our Research and Organisational Strategies

Your application should fit with our Research Strategy. And you must explain how the project helps us to achieve these aims. We also have an organisational strategy to guide our work. We're in the process of updating our research and organisational strategies for beyond 2024. But in the meantime, we'll consider any applications that are relevant to our current strategies. You should read and strongly consider these documents when writing your application.

- Download our 2023-2024 Research Strategy Extension from our website.
- Read our 2020-2024 Organisational Strategy on our website.

1.2. Our James Lind Alliance Partnership (JLA) research priorities

In 2013 we completed a James Lind Alliance Partnership (JLA) to identify research priorities that are important to people affected by MS and healthcare professionals.

Read about our JLA research priorities on our website.

We don't exclusively restrict our funding to these priorities. We continue to support research into the causes of MS, and all aspects of treatment and care for people affected by MS. However, we do favour applications that specifically address these priorities. You will need to outline which, if any, of the JLA priorities your application addresses.

2. Our award conditions and policies

You should also read our Award Conditions and Policies. This document contains our:

- Open Access Policy: We're committed to open and unrestricted access to the results
 of our funded research. We require any research papers based on our funded
 research to be published in an open access environment.
- **Research Award Conditions:** The Award Conditions, together with the Award Letter and the Policies, set out the terms and conditions on which we make Awards.
- **Intellectual Property Policy:** This Intellectual Property (IP) Policy document sets out principles that we're guided by when considering questions relating to intellectual property and research matters.
- Download our Award Conditions and Policies from our website.
- Read more about how to manage an MS Society Research Award

2.1. Our position on researcher leave

We strongly believe that researchers should be supported to take periods of leave when they need to. And part-time opportunities should be available for early career researchers to give more people the chance to progress their careers. As part of our Equality, Diversity and Inclusion (EDI) action plan for MS Society research we're sharing our position on leave for our funded researchers.

We're supportive of our funded researchers taking leave. For example, family leave (maternity, paternity, adoption and shared parental leave) and sick leave. This includes PhD students working on research we fund.

This is our position on researcher leave. It outlines our viewpoint and our expectations, but it's not a policy. Researchers working on our funded projects aren't our employees. So you should check and follow the relevant leave policies at your institution.

- Read more about our position on researcher leave on our website.
- Read more about our work to improve EDI in MS research.

2.2. Our position on generative AI in research

Generative AI tools such as ChatGPT could bring benefits to MS research. But there are risks associated with their use, particularly in research funding and application review. We support the Research Funders Policy Group's joint statement on the use of generative AI in funding applications and assessment.

You should note:

- If using generative AI tools in developing your application, you must use them responsibly. And in line with relevant legal and ethical standards where these exist or as they develop.
- You must acknowledge any outputs from generative AI tools in funding applications.

We're committed to maintaining confidentiality in our research funding processes. As this is essential for safeguarding the sharing of scientific opinions and assessments. It's not clear whether anything put into generative AI tools remains confidential. So, our applicants, reviewers and panel members must not put any part of any application under review into these tools. This includes for the purposes of review assessment, applicant responses or other purposes.

• Read the Research Funders Policy Group's joint statement on the use of generative AI in funding applications and assessment.

3. Submitting your application

Your application should be carefully considered and show a high level of grantsmanship. You should thoroughly review it before submission and ask any co-applicants to do the same.

Your application must be submitted through Grant Tracker. You must complete all sections of the application form. If sections aren't completed adequately, we'll return your application. Or it might not be validated for review.

- Log into Grant Tracker.
- <u>Download guidance on how to use Grant Tracker from our website.</u>

3.1. Who's eligible to apply?

If you're applying as Lead Applicant, you must be the prospective Early Career Fellow. And you must've completed a PhD in a relevant science or health discipline. If you've completed a doctoral-level qualification other than a PhD, please contact us to discuss your eligibility. You can apply before your PhD (or equivalent) is awarded, but the award must be made before the Fellowship starts.

We've found that Fellowships are usually awarded to researchers after their first or second postdoc. But Early Career Fellowship applications are assessed on more than just the experience of the applicant ('Person'). The quality and relevance of the Project, and the quality of the training plan and environment ('Place') are also important factors. So we encourage you to apply even if you're earlier on in your career. Fellowships are available to everyone conducting research across the spectrum of MS research.

You must be based at a UK university or NHS institution and be the Principal Investigator of the project. You need to name a supervisor on your application. They must be actively involved in the project and are responsible for supporting you throughout. Supervisors are required to sign-off the application before you submit.

If you're a clinician or healthcare professional you may also be eligible to apply for one of our co-funded schemes. We partner with UKRI, NIHR and the Association of British Neurologists to offer clinical fellowships. You can <u>find information about our co-funded Fellowship opportunities on our Funding webpage</u>. If you'd like to discuss which funding scheme would be most suitable for you, <u>please email us at research@mssociety.org.uk</u>.

As Lead Applicant, you can invite Supervisors, Co-Applicants and Advisers to join the application as Participants. For all applications you must invite a Finance Officer who approves the application from the host institution and acts as the Final Signatory for application submission. Your application must have an applicant with a tenured position at the host institution for the duration of the Award. This doesn't have to be the lead applicant.

We support flexible and part-time working for Early Career Fellows. Fellowships must be completed at a minimum of 50% full-time equivalent. You'll be asked to explain why you'll be doing your Fellowship part-time in your application. If you'd like to discuss this further within the context of your application, you can email research@mssociety.org.uk.

3.2. Including your research contributions in your application

We're exploring different ways of recognising and rewarding the full range of contributions that researchers make in their fields. We recognise that traditional CV formats aren't suitable for all our applicants. And there are research contributions that aren't acknowledged using these formats. One way we're doing this is by adopting narrative CV-style elements in our application forms.

• Read more about narrative CVs on the UKRI website.

Instead of including a list of your publications, we're asking lead applicants to highlight **up to five** research contributions or outputs. These should be the ones that are most relevant for your current application.

For each output, you **must** explain its importance and relevance to your proposed research. And your specific contribution to the described work. You don't need to include five examples. You could to highlight two or three that you feel are most significant. You shouldn't include reference to any metrics, such as total number of publications, journal impact factor or h-index in this section.

Outputs can include data sets, software, research materials, conference presentations or publications, commercial or interventional products or tools, clinical practice developments, educational products and innovation, research and policy publications.

Other CV information, like your employment history, qualifications and research grants you've held, will still be included. You should make sure these are up-to-date using 'Manage my details' on the Grant Tracker Portal.

For co-applicants and advisers, all CV information including publication lists will be included. It's your responsibility to make sure your co-applicants and advisers have updated their CVs and publications before submission. Or this could affect the review of your application.

3.3. Patient and public involvement in your research

Patient and public involvement (PPI) in research is when people with personal experience of health conditions work in active partnership with researchers. Or research funders like us.

Involvement isn't the same as recruiting participants to your study. Or sharing information with people through public engagement events. Involvement is working **in partnership** with people affected by MS to shape, design and oversee a project.

- Read the NIHR's guide to public involvement in funding applications
- Read the NIHR's 'Briefing notes for researchers public involvement in NHS, health and social care research'
- Read 'A practical guide to patient and public involvement in lab-based research' online
- Find more resources on NIHR's Learning for Involvement website

In your application you need to describe:

- How people affected by MS have been involved in the development of your proposal (pre-application involvement)
- How you plan to involve people affected by MS in your ongoing study, if funded.

Pre-application involvement

Before applying, you should involve people affected by MS in the development of your proposal. This ensures:

- Your research questions are relevant to their experiences
- Your lay summary is accessible and understandable to our lay reviewers
- Your study design considers the needs of people affected by MS

Involvement in your ongoing study

As well as working with people to develop your application, you should also plan how you'll continue to involve people affected by MS throughout the project. For example, people affected by MS could:

- Join an advisory group to provide their perspective throughout your project. And advise on challenges as they arise
- Review participant information materials such as leaflets, posters, webpages, questionnaires (for clinical projects)
- Advise on the best ways to communicate and disseminate your findings
- Advise on the best approach for recruiting participants

 Work as a peer researcher in your team to be involved throughout the duration of the project (if appropriate)

Budgeting for involvement

Involving people in research requires time and money. It's important to account for the costs of involvement when setting your budget. As without an adequate budget you'll struggle to involve people effectively.

You should include the costs for any planned PPI activities in your application. For example, you should consider:

Expenses

You must cover any expenses that people will incur by getting involved in PPI activities. People should never be out-of-pocket. This may include, for example, travel, subsistence (including the cost of carers or personal assistance to also attend face-to-face meetings), broadband and childcare costs for online meetings.

Training and support

Training and induction sessions may be required so that people affected by MS are supported to carry out their role well. There are many free resources available online, but you should consider whether any paid training is required. You may also wish for your PPI contributors to join you at conferences and events.

Payment

Its best practice to offer payment for members of the public who get involved in your work, in recognition of their time, skills and expertise. How much to budget depends on several factors. For example, how often they are going to be involved and what level of responsibility they will have.

• Read the INVOLVE guidelines for payment and recognition for public involvement on the NIHR website.

You should read and work through the NIHR's payment guidance for researchers. This includes information on budgeting and example payment rates for different activities.

We can support you to plan and budget for your public involvement, connect you with people affected by MS and to carry out activities. Get in touch with us by emailing researchnetwork@mssociety.org.uk

3.4. Writing your lay summary and lay summary development scheme

You need to write a clear lay summary for your proposal. People affected by MS will review your application alongside experts in your field. Our funding panels also include researchers without direct expertise in your area of research.

If your lay summary is too brief or too complex, it'll be difficult for them to comment on and score your application. And this will affect whether it might be funded.

We encourage you to use Plain English when writing your lay summary. This will make your writing as accessible as possible to all panel members. You can <u>read about how we use plain English to be more accessible on our website</u>.

- Read more about Plain English and see some examples on the Plain English Campaign's website.
- Read our 'Tips for writing a good lay summary'

Our Lay Summary Development scheme

Our optional Lay Summary Development scheme can help you to write a high quality and accessible lay summary and involvement plan. People affected by MS from our Research Network can give feedback on your draft before you submit.

They can comment on:

- How well you have communicated your research proposal
- The importance of the topic to people affected by MS
- How well you have thought through and communicated your involvement plans

You don't have to complete Lay Summary Development if you don't want to. You can still apply without it. It's not part of our review process but can help you to improve your lay summary.

If you'd like to go through Lay Summary Development, you'll need to submit a completed Lay Summary Development request form. This needs to be submitted before the scheme closes. You'll get feedback on your summary around four weeks before the grant application submission deadline.

• Find more information about the Lay Summary Development scheme, including the scheme closing date, guidance notes and request form on our website.

3.5. PPI Partnership scheme for Early Career Fellowships

We're offering Early Career Fellowship applicants extra support in developing your lay summary and involvement plans for your Fellowship. The PPI Partnership Scheme is only available to researchers applying to our Early Career Fellowship award round. We've designed this scheme to support early career researchers, who may have less experience of PPI, to develop their skills in this area.

You'll receive more intensive PPI support compared to our Lay Summary Development scheme. You'll be paired with someone (or a small group) affected by MS who'll be your PPI partner. Your partner can help you develop your ideas from the perspective of those affected by your research topic. You'll receive verbal feedback from your PPI partner through a series of online meetings, rather than one-off written feedback as with Lay Summary Development. This format gives you a chance to ask for clarification on the feedback you receive and to ask follow-up questions. You can also take your re-drafted application back to your PPI partner to show the changes you have made based on their feedback and receive any final comments before you submit.

You don't have to take part in the ECR PPI Partnership if you don't want to. You can still apply without it. This isn't part of our review process, but is intended to help you to improve your application.

• Find more information about the PPI Partnership scheme, including the scheme closing date, quidance notes and request form on our website.

You can only apply to either the PPI Partnership Scheme or the Lay Summary Development Scheme – not both. These schemes run in parallel during our application open period.

For all enquiries about involving people affected by MS in any stage of your research, <u>you</u> can email our Public Involvement team on researchnetwork@mssociety.org.uk.

3.6. Equality, diversity and inclusion in your research

We're committed to equality, diversity and inclusion (EDI) in research. We want research findings to be as relevant as possible for everyone with MS in the UK. And to ensure that everyone affected by MS has the opportunity to take part in or engage with MS research. Increasing the diversity of our funded research is one area of focus of our EDI in research action plan.

• Find out more about our EDI in research action plan and progress on our website.

We expect you to consider EDI at all stages of your project. You'll be asked to describe how you've considered EDI in the following areas in your application:

- Public engagement and outreach activities
- Participant recruitment (if applicable)

We've published blogs highlighting the importance of doing more inclusive research. And showcasing examples of how our funded researchers are putting this at the heart of their projects:

- Read our blog: 'Meet the researchers who want seldom-heard groups to be at the centre of their research into fatigue'
- Read our blog: 'Who is MS research missing?'
- Read our blog: 'Improving MS care for people from minoritised ethnic backgrounds'

You can include costs for EDI activities in your application. These activities can be especially important early in your project. But should be considered for the lifecycle of your research.

3.7. NHS excess treatment costs and the SoECAT

Excess Treatment Costs (ETCs) occur when patient care or treatment costs in a research study are higher than in routine care. For example, a research participant is given a new drug to see how it compares with the standard drug prescribed. If the new drug is more expensive than the one usually prescribed then it is an 'excess treatment cost'. For non-commercial research studies (those not funded by pharmaceutical companies for commercial ends), ETCs are paid by the NHS.

Since 2018, researchers across the UK have used the Schedule of Events Cost Attribution Tool (SoECAT) to estimate ETCs. The SoECAT makes sure that site-level costs are appropriately assigned in line with AcoRD principles. Doing this when applying for funding means that site-level Research Costs can be met through that funding.

You need to complete the SoECAT online. The NIHR have released guidance for using the new online tool, which we've outlined below. You should read their guidance in full. You must get your SoECAT signed off by an AcoRD specialist for HRA approval and NIHR portfolio status.

- Log into the NIHR Central Portfolio Management System (CPMS) to complete an online SoECAT
- Read guidance for creating and logging into CPMS on the NIHR website.
- Find further information on the Online SoECAT Guidance page on the NIHR website.

Applying to us

If you're applying for funding from us to carry out clinical research in the NHS, you'll need a SoECAT. You'll need to factor in the time to complete it and have an AcoRD Specialist sign it **before the deadline**. You must upload the Funder Export from your approved online SoECAT to your application form.

Our research awards don't include NHS support and/or treatment costs. NHS support costs are funded through Clinical Research Networks. NHS treatment costs, including any ETCs and/or savings, are funded by the NHS through normal patient care commissioning arrangements. You shouldn't include these costs in your application's budget.

3.8. Finances and costs

You should work with finance offices, clinical trials units, local NHS trusts and the local NIHR CRN network to ensure that all costs of research have been identified and appropriately paid for. The sections below outline our list of acceptable and unacceptable costs. You should read it carefully, including the notes column. You can request the costs guidance table in an alternative format by emailing research@mssociety.org.uk.

Please note:

- All requested budget items must be fully justified in your application.
- We may reduce or remove ineligible costs.
- If you believe that any of the 'unacceptable costs' should be seen as direct costs for your project, you must provide full and detailed justification for this in your application.
- We won't be responsible for any increase in the costs of research (whether caused by increased consumables costs, increased personnel costs or otherwise). We won't increase the award to reflect increased research costs, including increased salaries due to nationally agreed pay awards or inflation, once the award has been made.

Early Career Fellowships are typically around £300,000 - £375,000. If your total budget is more than £375,000 **you must contact us at least a month before the submission deadline to discuss this.** We'll automatically reject any applications that exceed this amount without prior discussion.

You can apply for:

- your salary for up to four years
- up to £80,000 pro rata in running costs (including consumables, equipment, animals, human tissue and training costs)
- up to £4,000 pro rata towards conference attendance or travel

The running costs and conference/travel can be spread across your Fellowships duration. But mustn't exceed the maximum amounts stated above. We encourage you to spread these costs evenly where possible, to help us manage our annual budgeting.

Please note that if your application budget includes salary costs only, we'll need to see evidence of the full costings for the proposed research. Without these, it's hard for reviewers to comment on whether the research will be successfully delivered. You **must** include a breakdown of your full research budget as a Supplementary Attachment, even if the running costs are being funded by another source. If this isn't included on submission, we'll return your application.

3.8.1. Staff members

Acceptable costs	Unacceptable costs	Notes
Salary for the Early Career Fellow (lead applicant)* * We support flexible and parttime working for Early Career Fellows. You can complete your Fellowship part-time at a minimum of 50% FTE.	 Apprenticeship levy isn't covered. Salary for the applicant team isn't permitted. This includes co-applicants and advisers. 	 You must quote an appropriate grading and salary, approved by the administrative office of the host institution. We need this even where staff members can't be named. The employing institution is responsible for providing maternity benefit and increases in salary costs other than annual increments and cost of living awards. Staff time for specific project work packages, such as specialist statistical analysis, should be included as a non-salary "Consultant" cost in Consumables.

3.8.2. Consumables

Acceptable costs	Unacceptable costs	Notes

- Laboratory chemicals and materials (e.g. reagents, isotopes, peptides, enzymes, antibodies, gases, proteins, cell/tissue/ bacterial culture).
- Data collection materials, if specific to the project.
- Patient and public involvement (PPI) costs, including travel for PPI representatives.
- Equality, diversity and inclusion (EDI) activity costs
- Consultant costs, such as statisticians.
- Travel for the Fellow to carry out activities essential to the project, such as data collection.
- Data sharing costs, such as archiving repository fees, data storage costs and data management services.

- Article publishing or open access charges.
- Standard per unit IT charges.
- Regulatory licences and fees, such as those associated with ethical approval can't be included.
- A full justification is required for all consumables.
- You should break consumables down as itemised costs rather than giving an overall estimated cost.
- You can read more guidance on PPI costs on the NIHR INVOLVE website.
- Data management and sharing costs must be reasonable and proportional in the context of the overall grant. Data sharing costs don't include open access publication costs.
- Travel costs under consumables have to be directly relevant to carrying out the research (e.g. related to data collection, PPI or EDI activities). Any travel associated with training, visiting collaborators or conferences should be included under the 'Conferences and travel' budget.

3.8.3. Training costs

Acceptable costs	Unacceptable costs	Notes

- Costs for career development, technical and research skills training that will help you develop as a researcher.
- Examples include:
 - Leadership training, for example the EMBO leadership and management course
 - o Grant management skills
 - Budget and people management
 - Reproducibility and integrity
 - Equality, diversity and inclusion

- Home Office Licences and animal handling training costs aren't covered.
- All training courses must be referenced and justified in the 'About You' section of your application.
- Training costs shouldn't be more than £2,000 each year and count towards your total running costs.
- Travel and accommodation relating to training courses should be included in your 'Conference' budget section and count towards your total conference/travel costs.

3.8.4. Equipment

Acceptable costs	Unacceptable costs	Notes
 Equipment that's specific to this grant and essential to carry out the proposed research Costs may include purchase, delivery and installation of scientific equipment where that equipment is specific to the grant. Equipment use costs where usage of shared/core equipment, services or research facilities is essential to the project. Personal computing costs for the Early Career Fellow. Funding for computer equipment or software is only allowed if absolutely essential for the project. And must be fully justified in your application. 	 Equipment can't be requested for routine or service use. Annual software licencing fees aren't eligible for inclusion. Phone/computer accessories (drivers, cases, chargers, batteries). We won't pay for bench fees or annual access fees for shared facilities, equipment or infrastructure. 	 Computing equipment costs are capped at £1,500. Each piece of equipment, including computing equipment, must be fully justified. The host institution is responsible for equipment. This includes its accommodation, operating and servicing costs, and any insurance that may be necessary. Equipment access costs: You can't include Directly Allocated costs. You can include fees relating to the use of core equipment, services or research facilities that are essential to the project. You must state the cost per sample/time period for these or they'll be removed

3.8.5. Animals

Acceptable costs	Unacceptable costs	Notes
Animal purchase and transportation costs, maintenance (including food) and experimentation costs.	Home Office Licences and animal handling training costs aren't covered.	 You must state the species and number of animals to be used. You must fully justify the use of animals in the Project Details of your application. You can read more in the 'Use of animals' section of this document.

3.8.6. Human tissue

Acceptable costs	Unacceptable costs	Notes
Cost for the provision of human tissue.		 If you're planning to use human tissue from the MS Society Tissue Bank, you should estimate the costs based on the tariff found on their website. You can read more in the 'Use of human tissue' section of this document.

3.8.7. Conferences and travel

Acceptable costs	Unacceptable costs	Notes
 You can request a maximum of £4,000 (pro rata) towards conference or travel costs for the Early Career Fellow. This can be used to cover travel, registration fees and/or accommodation for meetings/conferences. Or travel for other activities, like visiting collaborators, if essential to the project. 	 First class travel or accommodation Conference costs for supervisors, co-applicants and advisers aren't eligible for inclusion. 	 Conference and travel costs can only be requested for the named Early Career Fellow/lead applicant. Conferences costs are pro rata based on project duration and your FTE. For example, if your Fellowship is two years full-time you can claim up to £2,000. Any travel must be directly related to the funded research.

3.8.8. Other

Unacceptable costs	Notes
 Excess treatment costs Institutional overheads Financial services Personnel services Recruitment costs Public relations General institution libraries Departmental services (administration, secretarial, printing, photocopying) Telephone charges and postage or courier services Journal subscriptions Furniture 	 The NHS should fund excess treatment costs (ETCs). If you're applying for a clinical research grant, you'll need to complete a Schedule of Events Cost Attribution Template (SoECAT). This will allow your grant to be eligible for the NIHR portfolio and the support this provides, including ETCs.

Types of costs

Your institution's finance team should be able to provide further guidance on costings. If you are unsure please get in touch with us. Including ineligible costs may delay application submission or approval of award.

We won't fund the full economic costs of research (fECs), or a fixed proportion of these. We'll only pay for the Directly Incurred costs related specifically to the planned research to be undertaken in this grant. As a member of the AMRC we support their position statement on supporting research in universities outlining what charities pay for and why.

 Read the position statement on charities supporting research in universities on the AMRC website.

Directly incurred	Directly allocated	Indirect
These include the familiar direct costs of research such as:	These are shared costs, based on estimates and don't represent actual costs on a project-by-project basis. As	These costs are necessary for underpinning research but can't be allocated to individual projects. These include things
 Staff (e.g. research assistant salaries) Travel and subsistence Consumables and Equipment (or specific 	such we will not pay these costs. They were previously included as 'indirect costs' heading. They include:	like computing and information support, central services, general maintenance and other infrastructure costs. They'll be calculated separately by each
access to equipment)	 The costing of the time spent by the applicant and 	Higher Education Institution (HEI), according to TRAC
We'll pay these costs, but you'll need to justify why they're needed for the research.	 co-applicants Estates: the way these are calculated may vary between institutions. 	methodology. We won't cover Indirect Costs or any other non- attributable overhead costs in your budget. However, such

Directly incurred	Directly allocated	Indirect
	Different categories of space will be costed differently, for example laboratory space will be different to office-based costs. Other Directly Allocated: these include the costs of shared resources, such as staff and equipment.	costs may be eligible under the Charity Research Support Fund.

3.9. Co-funding applications

We're open to co-funding applications with other funders. You should provide full details of the co-funder and amount they would be contributing.

3.10. Use of animals

If your research project uses animals, you must complete the Justification for Animal Use section of the application form.

- You should review our policy on animal research on our website.
- Read the AMRC's statement on animal research on their website. We fully support this statement.

We won't support the use of animals in research unless there's no alternative. And our reviewers carefully consider animal use procedures. We'll only support research using animals if:

- All animal use falls within the regulations laid down by Government, including the Animals (Scientific Procedures) Act 1986 and the Animal Welfare Act 2006.
- All relevant Home Office licences and Ethical Review Body approvals are held for the duration of the intended projects. You and your institution are responsible for these being in place. We may ask to see copies of licences and approvals before activating your award.
- Any research conducted outside of the UK using animals should be conducted to the spirit of UK animal research legislation and to the UK welfare standards. Read more about these expectations on page 14 of the NC3Rs 'Responsibility in the Use of Animals in Research' guidance document. You're responsible for making sure any international collaborators are following these standards. But we may request additional review by NC3Rs if we have concerns.

The 3Rs of animal research

You must address the 3Rs in the Project Details section of the application. You're required to explain how you've considered each of the following:

• Reducing the number of animals used to the minimum necessary for a valid result

- Refining experiments to minimise any pain, suffering or distress
- Replacing animal experiments with alternatives wherever possible.
- Explore the NC3Rs library of resources for implementing the 3Rs in your research.
- Read the NC3Rs 'Responsibility in the use of animals in bioscience research' guidance on their website

Justifications

You must clearly state and justify the following in your application:

- The relevance to humans and why there is no alternative to the use of animals
- The species and number of any animals that could potentially be used
- Any refinement procedures to minimise any pain or distress
- Measures taken to avoid bias (e.g. blinding, randomisation)
- Number of experimental and control groups and sample size per group
- How the sample size was calculated, showing power calculations and including justification of effect size
- Overview of the planned statistical analyses in relation to the primary outcomes to be assessed
- Frequency of measurements/interventions to be used
- If necessary, circumstances in which power calculations aren't appropriate to determine sample size

If these aren't addressed, we'll return your application.

Considerations

You should also consider that we support the AMRC's signing of the Concordat on Openness in Animal Research. This encourages grant holders to be open about their use of animals in research.

• Read the Concordat on Openness in Animal Research on the Understanding Animal Research website.

The ARRIVE (Animal Research: Reporting In Vivo Experiments) guidelines have been developed by the NC3Rs to improve how *in vivo* studies are reported. They ensure that data from animal experiments can be fully evaluated and used by other researchers. We fully endorse these guidelines. We expect our researchers to comply with them designing your experiments and reporting your research.

• Read the ARRIVE guidelines 2.0 on the ARRIVE website.

For further help in planning your experiments you should consider use of the PREPARE Guidelines (Planning Research and Experimental Procedures on Animals: Recommendations for Excellence). These guidelines include checklists which can help with improving reproducibility, reducing waste and promoting alternatives in animal research through better planning and communication.

Read the PREPARE guidelines on the Norecopa website.

3.11. Use of human tissue

Donated human tissue is a vital and precious resource, therefore you must justify why human tissue will be used in your research. If your research uses human tissue, you must confirm that you'll comply with the appropriate legislation. And follow the relevant Codes of Practice issued by the Human Tissue Authority (HTA). The type of tissue and quantity must be fully justified in your application.

3.12. Use of the UK MS Register

If you plan to use the UK MS Register in your project, you must contact the Register team as early as possible. All projects that will use the MS Register must be reviewed and approved by the UK MS Register's Scientific Steering Committee (SSC).

You're responsible for obtaining SSC approval **before** you submit your application to us. Confirmation of SSC approval must be attached to your application. This allows us to verify that your project is feasible and can be supported by the Register. Getting SSC approval can take time, so make sure you factor this in when working towards our application submission deadline. You can find out more about the SSC approval process, and SSC meeting dates and deadlines, on the MS Register website.

- Read more about using the MS Register in your research on our website.
- <u>Learn more about the SSC approvals process, including meeting dates and deadlines,</u> on the MS Register website.

3.13. References

You should cite all essential references relevant to your proposal. We don't specify a referencing style. But you must include enough information in the reference list for reviewers to find the publication. DOIs alone aren't sufficient.

Copies of in-press or submitted publications relevant to the proposal should also be included. You can add these in the "Attachments" section.

4. Criteria for review

Your application will be evaluated based on three main areas:

- Project: the scientific quality and relevance of the project to MS
- **Person**: the applicant's research vision, experience and potential
- Place: the suitability of the supervisor, the proposed training plan and the environment the Fellow will be working in.

Our Early Career Researcher Assessment Framework (Appendix 1) lists the competencies we believe ECRs need to develop to support their careers. It forms part of the assessment criteria for these Fellowships. So you should read and consider this Framework when writing your application.

Your application will be reviewed and scored by both external peer and lay reviewers. And by The Expert Review Network (TERN) in our review panel meetings. Our panels are made up of TERN members with different expertise. We may also invite experts from outside of

TERN where necessary or appropriate. For example, if we need additional expertise or there are conflicts of interest. Not everyone on the panel is an expert in your field. So, it's important to consider this when writing your application. We recommend writing in Plain English throughout your application as this improves accessibility. And means that all panel members can fully engage with and understand your proposal.

• Read more about TERN on our website.

You can also suggest up to three potential peer reviewers for your application in the "Project Details" section of the online application form. And tell us any reviewers you don't want to review your application, with justification.

- Once you've submitted your application, we validate it to make sure it fits the Early Career Fellowships remit. And to check that all sections of the form have been completed adequately.
- If your application is eligible, we send it for independent, external review by members of the research community with relevant expertise and members of our Research Network
- Based on the external review scores, applications go through a shortlisting process:
 - This involves the TERN Review Panel Chair discussing the review scores and comments. It can also include a Vice Chair and a lay panel member, depending on the applications being considered.
 - They'll recommend a shortlist of the highest quality and most relevant applications for further review. These will have the best chances of being fundable in this round.
 - The remaining applications will be rejected (triaged)
 - We'll tell all applicants the triage outcomes around a month before funding outcomes are announced.
- If your application is shortlisted, you're invited to provide a rebuttal to the reviewers' comments. You'll have 14 days to submit this and we'll advise you of the rebuttal dates in advance.
- Shortlisted applications are considered by invited TERN members at the Career
 Development Awards TERN Review Panel meeting. If your application is shortlisted,
 you'll be invited to attend an interview. This'll take place during the Panel meeting.
- The TERN Review Panel provides a recommendation to us about which applications should be funded.
- Our Board of Trustees then considers their recommendations for funding.
- Following approval by the Board, we'll communicate official funding offers, awards are made and projects start.

The scoring guidance used by our reviewers is found on the next page. And the Early Career Researcher Assessment Framework can be found in Appendix 1. You can request the scoring guidance for reviewers table in an alternative format by emailing research@mssociety.org.uk.

Early Career Fellowship scoring guidance for reviewers

All reviewers are asked to score applications between 1 and 5, corresponding to ratings of highly fundable, potentially fundable and not fundable. We've outlined the criteria used to score applications and their ratings below.

You should use these criteria alongside our ECR Assessment Framework (Appendix 1).

Rating	Generic criteria	PhD Fellowship specific
Highly fundable Scores of: 5 4.5 4	 Research question(s) are likely to result in significant benefit for people affected by MS. And/or advancement in our scientific understanding of MS Research team is very strong, containing all relevant disciplines to deliver project outcomes Very good value for money Proposal is clear and well written People affected by MS are actively involved and influencing project at all relevant stages (PPI) Proposal has a clear and realistic pathway to impact. Potential impact is highly significant and appropriate to grant type. Research design is excellent, appropriate and highly feasible for the Award type. 	 All or most ECR Framework competencies fully demonstrated with clear plans for how to achieve those outstanding (if any) and maintain these throughout the duration of the Fellowship Excellent training and educational environment for the candidate with high quality career and network development opportunities The proposed research design, methods and analyses are well developed The work is highly appropriate for an Early Career Fellowship and achievable within the timeframe.
Potentially fundable Scores of: • 3.5 • 3 • 2.5	 Research question(s) are likely to result in benefit for people affected by MS. Or some advancement in the scientific understanding of MS Research team has relevant experience and contains most of the relevant disciplines to deliver project outcomes Acceptable value for money Some elements of involving people affected by MS, where appropriate, but not well integrated or well supported Elements of the application are unclear Project would only be fundable with some changes Proposal has a reasonable pathway to impact. Potential 	 Some ECR Framework competencies demonstrated with some plans for how to achieve those outstanding and maintain these throughout the duration of the Fellowship Good training and educational environment for the candidate with good quality career and network development opportunities The proposed research design, methods and analyses are acceptable but require some further explanation The work is reasonably appropriate for an Early Career Fellowship and achievable within the timeframe.

Rating	Generic criteria	PhD Fellowship specific
	 impact is significant and mostly appropriate to grant type. Research design is acceptable for the Award type 	
Not fundable Scores of: 2 1.5 1	 Research question(s) are irrelevant with no tangible benefit to people affected by MS. Key skills missing from the research team Poor value for money Unclear application Involvement of people affected by MS inappropriate or limited/lacking Pathway to impact is unclear and/or unrealistic. Little or no potential impact or poorly described/not appropriate to grant type. Research design is unsuitable for the Award type. 	 Few or no ECR framework competencies demonstrated, with no plans to achieve those outstanding Poor training environment and educational environment for the candidate without career and network development opportunities There are serious scientific concerns about the proposed research (it's poor/flawed/duplicative/inappropriate for an Early Career Fellowship).

5. Resubmission policy

Unless you're explicitly invited, we only allow one resubmission of any previously unsuccessful application. If you are resubmitting an application, you should indicate this in the 'Other Support' section of the application form. And complete the text box according to the guidance.

Why do we only allow one resubmission?

Over the past five years, less than 10% of resubmissions have been successful.

Our resubmission policy aims to promote a culture of high-quality submissions and high-quality reviews that will benefit you, our reviewers and us alike. And the MS community by helping us select and fund high quality and relevant research that has an impact on people affected by MS.

What do we consider as a resubmission?

A resubmission is any application that was previously submitted to our Grant Rounds. This includes if you submit the same application under a different name. Or if you submit the same application under a different funding stream (e.g. changing a PhD Fellowship to a Catalyst Award).

Exceptions to our resubmission rule

We may invite a small number of further resubmissions if there is compelling evidence from peer review. And if advised by the TERN Review Panels.

Preparing a resubmission

If you're preparing a resubmission, you must:

- Indicate this in the 'Other Support' section of the application form.
- Make sure that previous comments or considerations have been adequately responded to. This includes written review comments and/or panel feedback.
 Reviewers will have access to your previous application and review comments.
- Include a summary of any substantial changes to the application

If you don't include these, your application won't be eligible for re-review. And we'll automatically reject it.

What constitutes sufficient change to qualify as a new submission?

We'll only qualify applications as a new submission if they contain major changes. It's not sufficient to include only minor changes or considering reviewer comments as a new submission.

Consequences of an Uninvited Resubmission:

If we feel that a new application is a resubmission, or if you submit an uninvited resubmission that has already been submitted twice, then we'll automatically reject it.

6. Contact us

Please let us know if you have any questions or need help. You can <u>email us at research@mssociety.org.uk</u> or call us on 020 8438 0822.

Thank you for your interest in our research funding.

Appendix 1: Early Career Researcher Assessment Framework

This Assessment Framework outlines the competencies we believe early career researchers need to develop to support their careers. You should consider how these competencies will be developed by the PhD Fellow when assessing the research environment and training plans.

Key competencies	You should:
Research vision	 Demonstrate a high commitment to MS research with a clear understanding of how your research contributes to our Research Strategy. Demonstrate independent research ideas that are likely to result in significant benefits for people affected by MS. These could include, but aren't limited to: addressing fundamental gaps in our knowledge of MS pathophysiology development and implementation of new treatments risk factors and prevention improved care and services for people affected by MS. Be able to describe the long term plans for your research. This includes a route to implement your findings for the benefit for people affected by MS. Have an awareness of research in other fields and embrace opportunities for collaborative and interdisciplinary working.
Research experience and potential	 Have prior experience in MS research or personal motivation to work in MS. Or you should have evidence of work in a related and relevant research field. Hold a PhD if you're a non-clinical researcher, or be able to demonstrate equivalent research experience. Have delivered previous research project(s) and show evidence of impactful outputs. These could include first author publications or critical contributions to multi-author publications, conference presentations or policy outputs. They could also include but aren't limited to: preprints, contribution to consortia, patents, key datasets, software, novel assays and reagents and publications. When considering research publications, our reviewers will recognise that the content of a scientific paper and its influence in the field holds more significance than publication metrics or where it was published. Actively be adding to your "tool-box" of skills. These'll serve as a strong basis for future independent research activity. And allow you to be recognised for your specialist expertise. Be establishing and able to demonstrate your own network(s) of research contacts independent of your group leader/supervisor (e.g. through multicentre collaborations)

Key competencies	You should:
Personal development	 Describe how you've designed your proposal to include research and credible plans for a training and educational programme. This should support your further career development and networking with peers and superiors. Demonstrate appropriate selection of supervisor(s) and project team that will enable you to gain the specific skills needed to deliver your current and future research plans. Have identified and be pursuing opportunities to access career development support, such as: Mentoring Learning new skills Spending time in or collaborating closely with other research groups or settings, either within the UK or overseas. These opportunities can either be within the research institution the Fellow has worked in, or through multicentre collaborations.
Leadership	Show evidence of leading and inspiring. For example through organisation of peer activities, workshops, journal clubs. Or supporting individuals at earlier career stages such as Masters and PhD level students or clinical trainees.
Communication and engagement skills	 Have excellent communication and interpersonal skills across different audiences, including academic and public. These could be demonstrated, for example, through presentations at scientific conferences and involvement at public meetings (for example, those organised by us or one of our local groups). Demonstrate enthusiasm for active involvement (PPI) of people with MS in the development of your specific project and wider research plans. Show how your research outcomes will be communicated and disseminated within and outside the research community Be prepared to demonstrate how your research aligns with our mission and our promise to people with MS.
Profile and influence	 Have a strong, practical sense of how you'll develop your career to become a leading independent researcher. Be supportive of the wider research agenda through, for example, peer review activity, providing lectures/seminars, teaching/clinical duties and participation in internal committees.

Appendix 2: Key terms and definitions

Term	Definition	
Lead	The named lead applicant is the project leader. As lead applicant, you:	
applicant	 Are the contact person for all correspondence relating to the application. Have overall responsibility for the award and must actively engage in its direction. 	
Adviser	Advisers don't need to be actively involved in the delivery of the project. But you must define their contribution (expertise, advice etc.) to the project team.	
	 They can view and edit the application, and provide comments. Advisers' CVs are included in the application PDF and seen by reviewers. They need to confirm their participation. But don't need to approve the application. You can't request salary costs for advisers. 	
Co-applicant	A co-applicant is a researcher who'll be actively involved in the delivery of the project should the funding application be successful. You can't include them simply for supervisory purposes.	
	 Co-applicants can view and edit applications. Co-applicants have to approve applications before they can be submitted. 	
Finance officer	This is a member of your institution who's responsible for confirming and approving financial details of applications.	
	 They act as final signatory for application submission. Your application won't be accepted if it's not approved by the Finance Officer before the funding deadline. They'll be responsible for administering the grant if it is awarded. 	
Public	Where information and knowledge about research is provided and disseminated.	
engagement	·	
	science festivals open to the public	
	open days at a research centre	
	raising awareness in the media	
	Read more about public engagement on the National Centre for Co-ordinating	
	Public Engagement's website.	
Public	Public involvement (PPI)	
involvement (PPI)	Where members of the public are actively involved in research projects and in research organisations. Examples of involvement include when people affected by MS:	
	 are involved in identifying research priorities 	
	are members of a project steering group	
	comment on patient information materials	
	Read more about involvement on the NIHR website.	
Public	Where people take part in a research study. Examples of participation include:	
participation	people being recruited to a clinical trial or other study	
	people completing a questionnaire as part of a study. People more about participation in triple on the NUS website.	
Research	Read more about participation in trials on the NHS website. The Pessageh Network are a passionate group of people living with MS or caring	
Network	The Research Network are a passionate group of people living with MS or caring for someone with MS. They're not required to have specialist scientific knowledge, but are trained to use their personal experiences of MS to review applications, ensuring that the research we fund is of the highest importance to people affected by MS.	
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We're the MS Society.

Our community is here for you through the highs, lows and everything in between. We understand what life's like with MS.

Together, we are strong enough to stop MS. mssociety.org.uk

Contact us

MS National Centre 020 8438 0700 info@mssociety.org.uk
MS Helpline Freephone 0808 800 8000 (weekdays 9am-9pm) helpline@mssociety.org.uk

Online

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