Application Guidance

In the Salesforce Application Form, please answer as follows*:*

* **Application title:** please enter the title of your research
* **Proposed duration of funding (months):** please enter 4 months
* **Proposed start date:** please enter August 4
* **Proposal summary**: please enter “NA”
* **Details of proposal:** please enter “NA”
* **Additional information:** please submit a word document or PDF with answers to all questions in this template: Additional Questions
* **Lead applicant details:** fill in all details
* **Your team**: enter “NA” (team details will be collected via the Additional Questions)
* **Costs:** enter “0” for all rows
* **Please note that no images will be accepted as part of the application.**

Additional Questions

# Research Vision

The purpose of the accelerator programme is to support teams to develop high-quality proposals for research at the intersection of mental health and generative AI. We therefore don’t expect you to have a fully formed idea for the research you would like to conduct, and your answers in this section are not a commitment to the ideas you describe. If accepted onto the programme, you will be free to further develop the idea you describe here, or to think up a new idea with your collaborators. And so, rather than being a commitment to any particular research question, this section is intended to help us evaluate how you think about the application of generative AI to mental health and to judge the quality of your ideas.

## Details of research proposal

### Research Vision (500 words)

*Please outline the problem you propose to address. Keeping in mind the assessment criteria, consider the following:*

* *What problem this work seeks to address in measurement of and/or intervention in, anxiety, depression or psychosis*
* *How you know or will verify that this problem is in line with the priorities of people with lived experience of anxiety, depression, or psychosis*
* *The scale and importance of the identified problem, and why the application of generative AI is particularly well-suited to address the problem*

*And tell us how you propose to address that problem. Keeping in mind the assessment criteria, consider the following:*

* *What your proposed solution is to the stated problem*
* *The rationale for your solution, including why the methods and models chosen are feasible and appropriate*
* *Methods for evaluating, benchmarking and/or validating model performance and ensuring end user safety*
* *Whether the eventual impact of the proposed research is responsive to the expressed needs of people with lived experience of anxiety, depression, and/or psychosis.*
* *Why the proposed solution is important in advancing the application of generative AI to improve measurement of, and /or intervention in, anxiety, depression or psychosis*

*Please respond here (maximum 500 words)*

### What is the potential for impact? (500 words)

*Please describe:*

* *Why the proposed solution is important in advancing the application of generative AI to improve measurement approaches of, and /or intervention in, anxiety, depression or psychosis*
* *The potential for the proposed research to lead to: (i) novel ways to measure the presence, nature and/or degree of depression, anxiety or psychosis, a subtype of this mental health problem or an outcome important to mental health (ii) improvements in how measures are used or scored by integrating multimodal or contextual information; or (iii) more effective and/or scalable therapeutic intervention in future downstream application*

*Please respond here (maximum 500 words)*

### How will you know whether your research was successful? What will you evaluate, and how? (200 words)

*Please respond here (maximum 200 words)*

### How will you incorporate ethics into your approach? (200 words)

*Describe how your approach embeds key ethical considerations to:*

* *Maximise benefits and minimise harms in your work*
* *Fairly distribute the anticipated benefits and harms of your work*
* *Respect and respond to the expressed needs of people with lived experience*
* *Ensure transparency and accountability for the outputs of your work*

*Please respond here (maximum 200 words)*

1. **How will you meaningfully involve the perspectives of those with lived experience in the development, design, and delivery of your approach? (200 words)**

*Please respond here (maximum 200 words)*

### Models:

1. Do you plan to use foundation models in your research? Yes No
2. Do you know which model(s) you would like to use? Yes No

If yes, which model(s) do you intend to use and why? **(100 words)**

*Please respond here (maximum 100 words)*

## **Team**

## Lead Applicant

**Name** Click or tap here to enter text.

Do you have a PhD? Yes No

If you have not started or completed a PhD or equivalent degree, you must have at least four years' equivalent research experience. Please provide details of your equivalent research experience if you have not completed a PhD. **(200 words)**

*Please respond here (maximum 200 words)*

Please describe your experience and expertise as is relevant to the current proposal, referring to the ‘team composition’ section of the scheme page. **(200 words)**

*Please respond here (maximum 200 words)*

How have you contributed to the generation of knowledge? Describe how you have contributed to the generation of new ideas, tools, or techniques and your most important research outputs so far. **(200 words)**

*Please respond here (maximum 200 words)*

Describe your approach to equity, diversity and inclusion in your research, including examples from previous and current groups. **(200 words)**

*Please respond here (maximum 200 words)*

## Coapplicant #1

**Name** *Click or tap here to enter text.*

**Education/training history**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **School** | **Country** | **Degree or Qualification** | **Subject** | **Start date** | **End date (or expected)** |
|  |  |  |  |  |  |

**Career history**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Role** | **Department** | **Organisation** | **Country** | **Start date** | **End date** |
|  |  |  |  |  |  |

Please describe your experience and expertise as is relevant to the current proposal, referring to the ‘team composition’ section of the scheme page. **(200 words maximum)**

*Please respond here (maximum 200 words)*

Please describe the contribution you will make to the proposal. **(200 words maximum)**

*Please respond here (maximum 200 words)*

## Coapplicants (continued)

**Please copy/paste and fill in the above coapplicant section for each coapplicant.**

## Collaborators

Have you contacted your collaborators? Yes No

*Please enter one collaborator per row and add additional rows if necessary.*

|  |  |  |
| --- | --- | --- |
| **Name** | **Organisation** | **Role (in team)** |
|  |  |  |
|  |  |  |
|  |  |  |

## Gap in team expertise

*Please explain any gaps in the team’s skills and expertise, a description of the role you plan to recruit for to fill that gap, and your planned route to recruitment for the roles.* ***(200 words)***

*Please respond here (maximum 200 words)*

## Foundational model partnerships

Partners should provide essential subject expertise, support, or materials. Are any model partnerships essential for your proposal? Yes No

If yes, who are they, and how will they support your team?

*Please respond here (maximum 200 words)*

Do you wish to collaborate with Google during the accelerator programme, and, if selected for funding, while conducting your research? Yes No  
*Teams collaborating with Google may receive:*

* + *support from subject matter and/or technical experts at Google Health and Google DeepMind*
  + *compute resources*
  + *guidance and access to models as is appropriate for specific research projects.*

Please note that indicating ‘yes’ does not guarantee that you will be working with Google, there will be a process to decide which teams work with Google. Working with specific model providers (Google included) will not confer any advantage to your application. You should have a clear justification for why the specific generative models you intend to use in your research are appropriate.

1. If you wish to collaborate with Google, we will share full application details with them. Please explain how, in your view, collaborating with Google would benefit your team and your research?

*Please respond here (maximum 200 words)*

1. If you are not selected to work with Google, what alternative plan would you put in place to conduct your research? For example, model access and/or subject matter expertise (within your team or outside of it).

*Please respond here (maximum 200 words)*

## Proposed research: participants and samples

1. Will your research involve the use of human research participants? Yes No

*If yes, please provide details (maximum 200 words)*

1. Will the research involve the use of any software (whether an LLM such as Gemini or otherwise) to make or to inform decisions with consequences for the diagnosis, treatment or care of human beings? Yes No

*If yes, please provide details (maximum 200 words)*

1. Will the research involve the prospective collection of human tissue samples?

Yes No

*If yes, please provide details (maximum 200 words)*

1. Will the research involve conducting analysis on human tissue samples?

Yes No

*If yes, please provide details, including where human tissue samples will be sourced from, where they will be held for the purposes of analysis, and whether any DNA analysis will be conducted (maximum 200 words)*

1. Will the research involve accessing, using or processing any patient information held in or by the NHS, including for the purpose of producing a deidentified dataset? Yes No

*If yes, please provide details, including where such data will be sourced from (maximum 200 words)*

1. Will the research involve accessing, using or processing the results of any DNA analysis derived from human tissue samples?

Yes No

*If yes, please provide details, including where such data will be sourced from (maximum 200 words)*

1. Will any research be conducted by, in or at any national health institution or facility?

*If yes, please provide details (maximum 200 words)*

Yes No