

## Application Form

### Summary

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|                            |   |
|----------------------------|---|
| <b>Reference Number</b>    | 2077                                      |
| <b>Lead Applicant</b>      | Dr Sophie Roberts                         |
| <b>Institution</b>         | Alzheimer's Society                       |
| <b>Co-applicants</b>       | Julia Collins<br>Lucy Devendra            |
| <b>Project Title</b>       | Doctoral Training Centre test application |
| <b>Scientific Abstract</b> | This is a scientific abstract             |
| <b>Lay Abstract</b>        | This is a lay abstract                    |
| <b>Total Research Cost</b> | £2,882,000.00                             |

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## Introduction

### Doctoral Training Centres

Alzheimer's Society Doctoral Training Centres (DTC) aim to create a community of PhD students working on dementia themes, and will support multi-disciplinary centres of excellence in research training. The DTCs **must be multi-institutional across two or more institutions**, and we encourage best with best collaboration across as many institutions as appropriate.

### Award

Each DTC will have funding for 5 cohorts. Alzheimer's Society will fund 4 students per cohort year to conduct a 4-year PhD with a requirement that the DTC match this with a minimum of 1 studentship per year. We expect DTCs to seek significant leverage and be co-developed with relevant non-academic stakeholders and users of research including people affected by dementia. One Clinical Training Fellowship per year can be included, please see the applicant guidance details on how to structure a DTC with Clinical Training Fellowships. Funding is provided for three years full-time or four years part-time.

### Eligibility

Applications should be opened and made by one Lead Applicant (primary point of contact) and supported by co-applicants from the other institutions. All institutions involved must be in the UK and the Lead Applicant must have a contract within their institution which covers the duration of the award. Each institution involved should highlight a lead who is responsible for the coordination of the students within their institution and sit on the project team across institutions. Students do not need to be from the UK, nor resident for any amount of time before the award begins. However, Alzheimer's Society will provide student fees up to the UK rate only. Funding is not available for studentships that have already commenced.

### Remit

Alzheimer's Society funds cutting-edge and impactful research into dementia. Applications are accepted for research projects addressing key unanswered questions within the dementia field. Each Doctoral Training Centre grant should have programmatic themes and studentships should be linked to a common aim or utilise similar techniques or resources. We are seeking cohesive programmes where there is clear opportunity for students to interact with each other.

## Proposal summary

|  |   |  |
|--|---|--|
| <b>Project title</b>   | Doctoral Training Centre test application |  |
| <b>Project duration</b>  | 108                                       |  |
| <b>Proposed start date</b>   | 02/09/2024                                |  |
| <b>Scientific Abstract</b>   |   |  |
| Please provide an overview of the theme, research questions, methods and expected outcomes of the research.  |   |  |
| This is a scientific abstract  |   |  |
| <b>Lay Abstract</b>  |   |  |
| Please provide an overview of the theme, research questions, methods and expected outcomes, including the potential benefit for people affected by dementia, of the research in lay language.        |   |  |
| This is a lay abstract   |   |  |
| Has this or a similar application been submitted elsewhere at any point?   | No  |  |
| Has this application, or any similar, been submitted to Alzheimer's Society previously? This includes any applications made for projects similar to any of the PhD studentships in this application. |   |  |
| No   |   |  |

|   |           |
|---|-----------|
| How did you hear about this grant scheme? | Colleague |
|---|-----------|

## Lead Applicant

The supervisory team should have a previous track-record in dementia research. If you do not have this track-record then the application should be supported by co-supervisors who do have experience in this area.

If you are an experienced supervisor (supervised at least 2 PhD students to completion) you must nominate a suitable co-supervisor – who is equipped to take over should you be unable to supervise the student for any reason.

If you are an early career supervisor (supervised fewer than 2 PhD students to completion) you must:

- Indicate the extent of your track record to date in research supervision.
- Involve a co-supervisor within your institution (preferably same department) who would meet the definition of 'experienced' – see above.
- Demonstrate how the co-supervisor will provide mentorship and support you as the lead supervisor as well as to the prospective student.

To update your CV information please Save and Close this form and visit the 'Manage my details' section.

|                      |                     |                     |                                  |
|----------------------|---------------------|---------------------|----------------------------------|
| <b>Title</b>         | Dr                  | <b>Address</b>      | -                                |
| <b>First Name</b>    | Sophie              |                     | -                                |
| <b>Last Name</b>     | Roberts             |                     | -                                |
| <b>Institution</b>   | Alzheimer's Society | <b>City/Town</b>    | -                                |
| <b>Membership No</b> |                     | <b>County</b>       | -                                |
|                      |                     | <b>Country</b>      | -                                |
|                      |                     | <b>Post Code</b>    | -                                |
|                      |                     | <b>Phone number</b> | -                                |
|                      |                     | <b>Email</b>        | Sophie.Roberts@alzheimers.org.uk |

|                              |                         |
|------------------------------|-------------------------|
| <b>Title of current post</b> | Research Grants Manager |
|------------------------------|-------------------------|

|                            |            |
|----------------------------|------------|
| <b>Date of appointment</b> | 12/01/2019 |
|----------------------------|------------|

|   |
|---|
| <b>Type of contract: Fixed term or permanent</b><br>If you're on a fixed term contract please specify end date. |
| Permanent   |

|   |                     |
|---|---------------------|
| <b>With whom do you have your contract of employment?</b> | Alzheimer's Society |
|---|---------------------|

### Previous posts held

To update this information please Save and Close then visit the 'Manage my details' section.

| From    | To | Position       | Organisation        |
|---------|----|----------------|---------------------|
| 01/2019 | -  | Grants Manager | Alzheimer's Society |

### Education & Training

To update this information please Save and Close then visit the 'Manage my details' section.

| From    | To      | Qualification | Subject | Country                  | Institution                       | Class | Department  |
|---------|---------|---------------|---------|--------------------------|-----------------------------------|-------|-------------|
| 09/2012 | 09/2016 | PhD           |         | United Kingdom (England) | -                                 |       | -           |
| 09/2009 | 06/2012 | BSc           | Biology | United Kingdom (England) | University of the West of England |       | Biosciences |

**Current and previously-held funding**

To update this information please Save and Close then visit the 'Manage my details' section.

| Start (mm/yyyy) | Duration | Currency | Total Award Amount | Source | Reference | Type | Title | Details |
|-----------------|----------|----------|--------------------|--------|-----------|------|-------|---------|
|-----------------|----------|----------|--------------------|--------|-----------|------|-------|---------|

**Publications (up to 10 most recent)**

To update this information please Save and Close then visit the 'My Research Outputs' section.

| Publications  |
|---|
| Fossey J, Charlesworth G, Fowler JA, Frangou E, Pimm TJ, Dent J, Ryder J, Robinson A, Kahn R, Aarsland D, Pickett J, Ballard C, (2020). Online Education and Cognitive Behavior Therapy Improve Dementia Caregivers' Mental Health: A Randomized Trial.. <i>Journal of the American Medical Directors Association</i> . <b>22</b> (7).  |
| Victor CR, Rippon I, Nelis SM, Martyr A, Litherland R, Pickett J, Hart N, Henley J, Matthews F, Clare L, (2020). Prevalence and determinants of loneliness in people living with dementia: Findings from the IDEAL programme.. <i>International journal of geriatric psychiatry</i> . <b>35</b> (8).  |
| Wu YT, Nelis SM, Quinn C, Martyr A, Jones IR, Victor CR, Knapp M, Henderson C, Hindle JV, Jones RW, Kopelman MD, Morris RG, Pickett JA, Rusted JM, Thom JM, Litherland R, Matthews FE, Clare L, (2020). Factors associated with self- and informant ratings of quality of life, well-being and life satisfaction in people with mild-to-moderate dementia: results from the Improving the experience of Dementia and Enhancing Active Life programme.. <i>Age and ageing</i> . <b>49</b> (3). |
| Pickett J, Brayne C, (2019). The scale and profile of global dementia research funding.. <i>Lancet (London, England)</i> . <b>394</b> (10212).  |
| Henderson C, Knapp M, Nelis SM, Quinn C, Martyr A, Wu YT, Jones IR, Victor CR, Pickett JA, Hindle JV, Jones RW, Kopelman MD, Matthews FE, Morris RG, Rusted JM, Thom JM, Clare L, (2019). Use and costs of services and unpaid care for people with mild-to-moderate dementia: Baseline results from the IDEAL cohort study.. <i>Alzheimer's &amp; dementia (New York, N. Y.)</i> . <b>5</b> ( ).   |
| Mauricio R, Benn C, Davis J, Dawson G, Dawson LA, Evans A, Fox N, Gallacher J, Hutton M, Isaac J, Jones DNC, Jones L, Lalli G, Libri V, Lovestone S, Moody C, Noble W, Perry H, Pickett J, Reynolds D, Ritchie C, Rohrer JD, Routledge C, Rowe J, Snyder H, Spires-Jones T, Swartz J, Truyen L, Whiting P, (2019). Tackling gaps in developing life-changing treatments for dementia.. <i>Alzheimer's &amp; dementia (New York, N. Y.)</i> . <b>5</b> ( ).                                    |
| Clare L, Wu YT, Jones IR, Victor CR, Nelis SM, Martyr A, Quinn C, Litherland R, Pickett JA, Hindle JV, Jones RW, Knapp M, Kopelman MD, Morris RG, Rusted JM, Thom JM, Lamont RA, Henderson C, Rippon I, Hillman A, Matthews FE, (2019). A Comprehensive Model of Factors Associated With Subjective Perceptions of "Living Well" With Dementia: Findings From the IDEAL Study.. <i>Alzheimer disease and associated disorders</i> . <b>33</b> (1).  |
| Clare L, Wu YT, Quinn C, Jones IR, Victor CR, Nelis SM, Martyr A, Litherland R, Pickett JA, Hindle JV, Jones RW, Knapp M, Kopelman MD, Morris RG, Rusted JM, Thom JM, Lamont RA, Henderson C, Rippon I, Hillman A, Matthews FE, (2019). A Comprehensive Model of Factors Associated With Capability to "Live Well" for Family Caregivers of People Living With Mild-to-Moderate Dementia: Findings From the IDEAL Study.. <i>Alzheimer disease and associated disorders</i> . <b>33</b> (1).  |
| Kinnunen KM, Rapaport P, Webster L, Barber J, Kyle SD, Hallam B, Cooper C, Horsley R, Pickett JA, Vikhanova A, Espie CA, Livingston G, (2018). A manual-based intervention for carers of people with dementia and sleep disturbances: an acceptability and feasibility RCT.. <i>Health technology assessment (Winchester, England)</i> . <b>22</b> (71).  |
| Pickett J, Murray M, (2018). Editorial: Patient and public involvement in dementia research: Setting new standards.. <i>Dementia (London, England)</i> . <b>17</b> (8).   |

**Supervision Record**

Please indicate the number of students that you have supervised in obtaining a PhD. Please provide the names, dates and titles of the last five PhD students that you supervised.

If you are an experienced supervisor (supervised at least 2 PhD students to completion) you must nominate a suitable co-supervisor – who is equipped to take over should you be unable to supervise the student for any

## DTCs

reason. If you are an early career supervisor (supervised fewer than 2 PhD students to completion) you must:

- Indicate the extent of your track record to date in research supervision.
- Involve a co-supervisor within your institution (preferably same department) who would meet the definition of 'experienced' – see above.
- Demonstrate how the co-supervisor will provide mentorship and support you as the lead supervisor as well as to the prospective student.

Supervision record

## Co-Applicants

Please add details of the co-applicants who will act as supervisors for this Doctoral Training Centre. There must be at least two supervisors per studentship.

The supervisory team must have a previous track record in dementia research. If the prospective lead supervisor does not have this track record the application should be supported by co-supervisors who do have experience in this area.

Supervisors must log in and update their CV details in the 'Manage my details' section and their publications in the 'My Research Outputs' section. If this is not done, your application will be reviewed without these key details.

### CO-APPLICANT DETAILS 1

|                      |         |                       |
|----------------------|---------|-----------------------|
| <b>Title</b>         |         | <b>Address Line 1</b> |
| <b>Forename(s)</b>   | Julia   | <b>Address Line 2</b> |
| <b>Surname</b>       | Collins | <b>Address Line 3</b> |
| <b>Date of Birth</b> |         | <b>County</b>         |
| <b>Telephone No.</b> |         | <b>Postcode</b>       |

### Education

| From | To | Qualification | Subject | Country | Institution | Department |
|------|----|---------------|---------|---------|-------------|------------|
|------|----|---------------|---------|---------|-------------|------------|

### Employment

| From | To | Position | Organisation |
|------|----|----------|--------------|
|------|----|----------|--------------|

### Publications

|   |
|---|
| Boghossian NS, Hansen NI, Bell EF, Stoll BJ, Murray JC, Laptok AR, Shankaran S, Walsh MC, Das A, Higgins RD, (2010). Survival and morbidity outcomes for very low birth weight infants with Down syndrome.. <i>Pediatrics</i> . <b>126</b> (6). |
| Rich WD, Auten KJ, Gantz MG, Hale EC, Hensman AM, Newman NS, Finer NN, (2010). Antenatal consent in the SUPPORT trial: challenges, costs, and representative enrollment.. <i>Pediatrics</i> . <b>126</b> (1).                                   |
| Larina O, Bhat P, Pickett JA, Launikonis BS, Shah A, Kruger WA, Edwardson JM, Thorn P, (2007). Dynamic regulation of the large exocytotic fusion pore in pancreatic acinar cells.. <i>Molecular biology of the cell</i> . <b>18</b> (9).        |
| Pickett JA, Campos-Toimil M, Thomas P, Edwardson JM, (2007). Identification of SNAREs that mediate zymogen granule exocytosis.. <i>Biochemical and biophysical research communications</i> . <b>359</b> (3).                                    |
| Pickett JA, Edwardson JM, (2006). Compound exocytosis: mechanisms and functional significance.. <i>Traffic (Copenhagen, Denmark)</i> . <b>7</b> (2).  |
| Pickett JA, Thorn P, Edwardson JM, (2004). The plasma membrane Q-SNARE syntaxin 2 enters the zymogen granule membrane during exocytosis in the pancreatic acinar cell.. <i>The Journal of biological chemistry</i> . <b>280</b> (2).            |
| Potyrailo RA, Pickett JE, (2002). High-throughput multilevel performance screening of advanced materials.. <i>Angewandte Chemie (International ed. in English)</i> . <b>41</b> (22).  |
| Pickett J, Kelly R, (1974). Lipid catabolism of relapsing fever borreliae.. <i>Infection and immunity</i> . <b>9</b> (2).   |

### Grants

## DTCs

| Start (mm/yyyy) | Duration | Currency | Total Award Amount | Source | Reference | Type | Title | Details |
|-----------------|----------|----------|--------------------|--------|-----------|------|-------|---------|
|-----------------|----------|----------|--------------------|--------|-----------|------|-------|---------|

|                       |                         |
|-----------------------|-------------------------|
| Title of current post | Research Grants Officer |
|-----------------------|-------------------------|

|                     |            |
|---------------------|------------|
| Date of appointment | 18/08/2021 |
|---------------------|------------|

|   |
|---|
| <b>Type of contract: Fixed term or permanent</b><br>If you're on a fixed term contract please specify end date. |
| Permanent   |

|  |                                   |
|--|-----------------------------------|
| <b>With whom do you have your contract of employment</b> | University of Alzheimer's Disease |
|--|-----------------------------------|

|                        |                  |
|------------------------|------------------|
| <b>Role in project</b> | Institution Lead |
|------------------------|------------------|

|  |
|--|
| <b>Supervision record</b><br>Please indicate the number of students that you have supervised in obtaining a PhD. Please provide the names, dates and titles of the last five PhD students that you supervised. |
| Supervision record   |

**CO-APPLICANT DETAILS 2**

|                      |          |                       |
|----------------------|----------|-----------------------|
| <b>Title</b>         |          | <b>Address Line 1</b> |
| <b>Forename(s)</b>   | Lucy     | <b>Address Line 2</b> |
| <b>Surname</b>       | Devendra | <b>Address Line 3</b> |
| <b>Date of Birth</b> |          | <b>County</b>         |
| <b>Telephone No.</b> |          | <b>Postcode</b>       |

**Education**

| From | To | Qualification | Subject | Country | Institution | Department |
|------|----|---------------|---------|---------|-------------|------------|
|------|----|---------------|---------|---------|-------------|------------|

**Employment**

| From | To | Position | Organisation |
|------|----|----------|--------------|
|------|----|----------|--------------|

**Publications****Grants**

| Start (mm/yyyy) | Duration | Currency | Total Award Amount | Source | Reference | Type | Title | Details |
|-----------------|----------|----------|--------------------|--------|-----------|------|-------|---------|
|-----------------|----------|----------|--------------------|--------|-----------|------|-------|---------|

|                       |                  |
|-----------------------|------------------|
| Title of current post | Head of Research |
|-----------------------|------------------|

|                     |            |
|---------------------|------------|
| Date of appointment | 01/01/2023 |
|---------------------|------------|

DTCs

**Type of contract: Fixed term or permanent**

If you're on a fixed term contract please specify end date.

Permanent

**With whom do you have your contract of employment**

University of Dementia

**Role in project**

Institution Lead

**Supervision record**

Please indicate the number of students that you have supervised in obtaining a PhD. Please provide the names, dates and titles of the last five PhD students that you supervised.

Supervision record

## Collaborators and mentors

Please add details of any collaborators or mentors:

- A collaborator is considered to be any individual named in the body of the application who will not be involved in the day-to-day execution of the project. E.g. someone providing technical advice, voluntary organisations or Applied Research Collaborations (ARCs).
- A mentor is considered to be any individual named in the application who will provide support and guidance to the students, and is not the supervisor or co-supervisor

A letter of support or email correspondence should be attached from any collaborator or mentor indicating their support for the project.

### COLLABORATOR 1

**Name**

Cherie Nyota

**Institution**

University of LBD

**Email**

c.noyta@alzheimers.org.uk

**Role in project**

Mentor

**Title of current post**

Engagement Officer

(Collaborator Letter - Collaborator Letter - Cherie Nyota.docx) is included as an appendix within this file.

## Authorised signatory

Please add the authorised signatory for your institution e.g the Finance Officer or Research Director. They will be contacted to confirm their involvement in the application and will also be required to approve submission of the application once you and named co-applicants have submitted the application.

### AUTHORISED SIGNATORY 1

**Title**

**Forename(s)**

**Surname**

Richard

Oakley

**Address Line 1**

**Address Line 2**

**Address Line 3**

Reference: 2077

Date submitted: -

DTCs

**Date of Birth**  
**Telephone No.**

**County**  
**Postcode**

**Title of current post**

Finance Lead

## Scientific case for support

The case for support will be peer reviewed and considered by our DTC Advisory Board. This section is limited to no more than ten pages (excluding references) and should not use a font smaller than Arial 11pt with a minimum 2cm margin. We recommend you titling this attachment 'Scientific case for support: project title' and include page numbers on your document.

You **must also attach** a one page GANTT chart/project plan to your application. **All other figures should be included within the ten page limit and cannot be attached separately.**

At the end of your case for support, please provide references in full (including title, all authors, journal, year, volume and page numbers). This does not count towards your ten pages.

**For detailed guidance on the structure and content of your 'Scientific case for support' please refer to our [Applicant Guidance](#) document.**

(Scientific Case for Support - DTC Test - Scientific Case for Support - TEST.docx) is included as an appendix within this file.

## Lay case for support

The lay case for support will be reviewed by Alzheimer's Society Research Network volunteers. It is the only part of the application that they will see therefore it is important that it is not only comprehensible to such readers but also comprehensive.

- The lay case for support should a maximum of **five pages** and should use the headings below. Do not use print smaller than Arial 12 point. This section **does not** require referencing.
- We recommend you titling this attachment 'Lay case for support: project title'.
- Hear from our volunteers about [how to write a lay case for support](#).

**For detailed guidance on the structure and content of the 'Lay case for support' please refer to our [Applicant Guidance](#).**

(Lay case for support - DTC Test - Lay Case for Support - TEST.docx) is included as an appendix within this file.

## Finance

### **Please provide detailed and justified costings for your proposal**

The Doctoral Training Centre grant will provide up to £3,150,000 funding for 20 PhD studentships (up to £155,000 per studentship) or up to £3,175,000 for 15 PhD studentships and 5 clinical training fellowships (1 per cohort year at £160,000). In addition to this each Doctoral Training Centre award can also include a further £10,000 per cohort annum for engagement activities. Institutions are expected to leverage at least one additional student per year.

There will be a review in year 3 to assess progress against objectives and finances to date. Upon successful review, the remaining 2 years of funds will be released.

### **Per studentship, applicants can apply for:**

- Student stipend
- University PhD fees at UK rates
- £10,000 per annum to cover research costs
- £1,000 per annum for career development (including conference attendance, training, lab visits, travel).

### **Additional DTC programme funding:**

Reference: 2077

Date submitted: -



DTCs

- Up to £10,000 per cohort annum (£50,000 total) for engagement activities

See [applicant guidance](#) for more information.

**Break down the costings of your study under the following headings**

Please input costs in each category by institution and title each budget line for the institution it relates to. Use the justification box to break down the costings per institute.

**Name:** Alzheimer's Society TBD

**Doctoral Candidate?:** Yes

**Nationality:**

**Academic title or diploma: Since:**

**Type:** PhD Student Costs

**Function:** PhD students x8

**% working time spent on project:** 100.0

|                    | Year 1            | Year 2            | Year 3            | Year 4            | Year 5            | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£)    |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|--------|--------|--------|-------------------|
| Basic Salary       | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Stipend            | 1540<br>00.0<br>0 | 7700<br>00.0<br>0 | 7700<br>00.0<br>0 | 1540<br>00.0<br>0 | 1540<br>00.0<br>0 | 0.00   | 0.00   | 0.00   | 0.00   | 6160<br>00.0<br>0 |
| National Insurance | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Superannuation     | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Fees               | 4800<br>0.00      | 2400<br>0.00      | 2400<br>0.00      | 4800<br>0.00      | 4800<br>0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 1920<br>00.0<br>0 |
| London allowance   | 0.00              | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |

**Name:** University of Dementia TBD

**Doctoral Candidate?:** Yes

**Nationality:**

**Academic title or diploma: Since:**

**Type:** PhD Student Costs

**Function:** PhD students x6

**% working time spent on project:** 100.0

|                    | Year 1       | Year 2            | Year 3            | Year 4            | Year 5            | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£)    |
|--------------------|--------------|-------------------|-------------------|-------------------|-------------------|--------|--------|--------|--------|-------------------|
| Basic Salary       | 0.00         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Stipend            | 7700<br>0.00 | 1540<br>00.0<br>0 | 7700<br>00.0<br>0 | 7700<br>00.0<br>0 | 7700<br>00.0<br>0 | 0.00   | 0.00   | 0.00   | 0.00   | 4620<br>00.0<br>0 |
| National Insurance | 0.00         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Superannuation     | 0.00         | 0.00              | 0.00              | 0.00              | 0.00              | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Fees               | 2400<br>0.00 | 4800<br>0.00      | 2400<br>0.00      | 2400<br>0.00      | 2400<br>0.00      | 0.00   | 0.00   | 0.00   | 0.00   | 1440<br>00.0<br>0 |
| London allowance   | 2000<br>.00  | 4000<br>.00       | 2000<br>.00       | 2000<br>.00       | 2000<br>.00       | 0.00   | 0.00   | 0.00   | 0.00   | 1200<br>0.00      |

**Name:** University of Alzheimer's Disease TBD

**Doctoral Candidate?:** Yes

**Nationality:**

**Academic title or diploma: Since:**

**Type:** PhD Student Costs

**Function:** PhD students x6

**% working time spent on project:** 100.0

Reference: 2077

Date submitted: -

## DTCs

|                    | Year 1       | Year 2       | Year 3            | Year 4       | Year 5       | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£)    |
|--------------------|--------------|--------------|-------------------|--------------|--------------|--------|--------|--------|--------|-------------------|
| Basic Salary       | 0.00         | 0.00         | 0.00              | 0.00         | 0.00         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Stipend            | 7700<br>0.00 | 7700<br>0.00 | 1540<br>00.0<br>0 | 7700<br>0.00 | 7700<br>0.00 | 0.00   | 0.00   | 0.00   | 0.00   | 4620<br>00.0<br>0 |
| National Insurance | 0.00         | 0.00         | 0.00              | 0.00         | 0.00         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Superannuation     | 0.00         | 0.00         | 0.00              | 0.00         | 0.00         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |
| Fees               | 2400<br>0.00 | 2400<br>0.00 | 4800<br>0.00      | 2400<br>0.00 | 2400<br>0.00 | 0.00   | 0.00   | 0.00   | 0.00   | 1440<br>00.0<br>0 |
| London allowance   | 0.00         | 0.00         | 0.00              | 0.00         | 0.00         | 0.00   | 0.00   | 0.00   | 0.00   | 0.00              |

**Materials and consumables****Item: Alzheimer's Society**

|  | Year 1   | Year 2   | Year 3   | Year 4   | Year 5   | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--|----------|----------|----------|----------|----------|--------|--------|--------|--------|----------------|
|  | 80000.00 | 40000.00 | 40000.00 | 40000.00 | 40000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 240000.00      |

**Item: University of Dementia**

|  | Year 1   | Year 2   | Year 3   | Year 4   | Year 5   | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--|----------|----------|----------|----------|----------|--------|--------|--------|--------|----------------|
|  | 40000.00 | 80000.00 | 40000.00 | 40000.00 | 40000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 240000.00      |

**Item: University of Alzheimer's Disease**

|  | Year 1   | Year 2   | Year 3   | Year 4   | Year 5   | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--|----------|----------|----------|----------|----------|--------|--------|--------|--------|----------------|
|  | 40000.00 | 40000.00 | 80000.00 | 40000.00 | 40000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 240000.00      |

|                                 | Year 1    | Year 2    | Year 3    | Year 4    | Year 5    | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|----------------|
| Materials and consumables Total | 160000.00 | 160000.00 | 160000.00 | 120000.00 | 120000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 720000.00      |

**Animal purchase**

No costs have been added

**Animal maintenance**

No costs have been added

**Conference and Training Budget****Item: Alzheimer's Society**

|  | Year 1  | Year 2  | Year 3  | Year 4  | Year 5  | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--|---------|---------|---------|---------|---------|--------|--------|--------|--------|----------------|
|  | 8000.00 | 4000.00 | 4000.00 | 8000.00 | 8000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 32000.00       |

**Item: University of Dementia**

|  | Year 1  | Year 2  | Year 3  | Year 4  | Year 5  | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--|---------|---------|---------|---------|---------|--------|--------|--------|--------|----------------|
|  | 4000.00 | 8000.00 | 4000.00 | 4000.00 | 4000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 24000.00       |

**Item: University of Alzheimer's Disease**

|  | Year 1  | Year 2  | Year 3  | Year 4  | Year 5  | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--|---------|---------|---------|---------|---------|--------|--------|--------|--------|----------------|
|  | 4000.00 | 4000.00 | 8000.00 | 4000.00 | 4000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 24000.00       |

|                                      | Year 1   | Year 2   | Year 3   | Year 4   | Year 5   | Year 6 | Year 7 | Year 8 | Year 9 | Total Cost (£) |
|--------------------------------------|----------|----------|----------|----------|----------|--------|--------|--------|--------|----------------|
| Conference and Training Budget Total | 16000.00 | 16000.00 | 16000.00 | 16000.00 | 16000.00 | 0.00   | 0.00   | 0.00   | 0.00   | 80000.00       |

**Other****Item: Engagement Activities**

|  | Year 1  | Year 2  | Year 3  | Year 4  | Year 5  | Year 6  | Year 7  | Year 8  | Year 9   | Total Cost (£) |
|--|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------------|
|  | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 10000.00 | 50000.00       |

|             | Year 1  | Year 2  | Year 3  | Year 4  | Year 5  | Year 6  | Year 7  | Year 8  | Year 9   | Total Cost (£) |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------------|
| Other Total | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 5000.00 | 10000.00 | 50000.00       |

| Totals (£) | Year 1  | Year 2  | Year 3  | Year 4  | Year 5  | Year 6 | Year 7 | Year 8 | Year 9 | Overall (£) |
|------------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------------|
|            | 587,000 | 589,000 | 587,000 | 547,000 | 547,000 | 5,000  | 5,000  | 5,000  | 10,000 | 2,882,000   |

**Justification of support requested****Justification by institute**

Alzheimer's Society - breakdown of costs

University of Dementia - breakdown of costs

University of Alzheimer's Disease - breakdown of costs

**Other sources of funding**

Please give details of any other sources of funding will be used to support this research. e.g. equipment, other research grants or infrastructure. As part of the programme, each DTC is required to leverage at least one additional student per year.

Other sources of funding

**Other related grants**

If you have received significant funding, hold grants for research in a similar area or are affiliated with the UK Dementia Research Institute (UK DRI) please describe how this project is different to your currently funded work or that of the lab.

Any grants related to this work

**Engagement with Alzheimer's Society**

Outline any areas of the proposed work that you foresee engaging with Alzheimer's Society.

Engaging with Alzheimer's Society policy, comms, operations etc

## Ethics and R&D approvals

### Approvals and permissions

Provide details of any national or local permissions that will be required before the research can commence. E.g. NHS Digital, NHS REC, HRA, local authority, or data sharing agreements.

Approvals

Does your study include human participants?

No

## Use of animals

Does the work proposed involve the use of protected animals in regulated procedures under the Animals (Scientific Procedures) Act 1986?

No

## Equality, diversity and inclusion

### Equality, diversity and inclusion: Research

Addressing health inequalities across the entire dementia journey, from bench to bedside, is of strategic importance to Alzheimer's Society. What steps are being taken by the applicant team to ensure that equality, diversity and inclusion are taken into account within the programme? (eg. sex and/or gender dimension, consideration of health inequalities, large-scale population cohort studies and clinical trials with diverse populations)

EDI plans within research projects

## Additional details

### Impact of COVID-19

Applicants have the opportunity to inform reviewers and Board members of the impact of COVID-19 on their: research, publications, funding, research time, institutional support, and any other impacts.

N/A

### Other

If not covered by the above, this space is for applicants to have the opportunity to inform reviewers and Board members about any career breaks or other extenuating circumstances that might have impacted their: research, publications, funding, research time, institutional support, and anything else

N/A

## Referees

Please suggest two referees who would be appropriately qualified to review your application. You do not need to approach the referees first.

Are there any referees that you would prefer we did not approach?

No

## Attachments

Please upload any further information which you feel is required for a fair and balanced assessment of your proposal. Documents must be in a **.pdf, .doc or .docx format** (excel files do not upload) and may include:

Reference: 2077

Date submitted: -

DTCs

- A GANTT chart/project plan timeline
- Relevant 'in press' articles
- Letters of Support

**Experimental data, figures, tables and illustrations, and published articles should not be attached here** – these must be embedded in the Scientific case for support and Lay case for support as appropriate.

Please note that these attachments will not be seen by lay reviewers.

## Validation summary

Below is a list of fields in the application that are required to be Completed/Amended before submitting

If there are no validation requirements above you may be ready to submit the application. To do so 'Save and Close' the application and use the submit button.

Pre-submission

## Appendices

1. Collaborator Letter - Cherie Nyota
2. Scientific Case for Support - TEST
3. Lay Case for Support - TEST
4. GANTT Chart SR
5. Animal License

Pre-submission

DTCs

I agree to be involved in Sophie's project.

Thanks,

Cherie Nyota

Pre-submission

DTCs

Lay Case for Support

Pre-submission



DTCs

Lay Case for Support

Pre-submission

GANTT Chart

Pre-submission

DTCs

Animal License

Pre-submission