**Please read the project call guidelines before completing this form**

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| WHICH TYPE OF STUDENTSHIP PROJECT ARE YOU PROPOSING? |
| FULLY FUNDED STUDENTSHIP (100% funding from CDT – “Annual call”) | **[ ]**  |
| JOINTLY FUNDED STUDENTSHIP (50% funding from CDT, 50% from partner organisation)  | **[ ]**  |
| PARTNER-FUNDED STUDENTSHIP (100% funding from partner organisation) | **[ ]**  |

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| SUPERVISOR DETAILS – *please read Note 1 on supervisor eligibility before completing* |
|  | **Supervisor 1** | **Supervisor 2** | Supervisor 3 (optional) or External Advisor† | Supervisor 4 (optional) or External Advisor† |
| Name |       |       |       |       |
| Address |       |       |       |       |
| Email address |       |       |       |       |
| I hold an academic position that enables me to supervise PhD students (only required for IC supervisors) |
| *Tick to confirm* | [ ]  | [ ]  | [ ]  | [ ]  |
| I will hold an academic position until September 2023 (only required for IC supervisors) |
| *Tick to confirm* | [ ]  | [ ]  | [ ]  | [ ]  |
| We can provide a potential student with appropriate office/lab space and necessary equipment | **[ ]**  |
| We have read, understood and agree to the conditions described in the Studentship Proposal Application Guidelines document, including the participation of supervisors in seminars and workshops.  | **[ ]**  |
| I agree to be responsible for the following core CDT activities *(see Annex 1):* |
| *Mandatory for lead supervisor (optional for others)* |       |       |       |       |
| Additional contributions to the MRes/CDT training programme that I could offer: |
| *Include any existing contributions* |       |       |       |       |

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| Any additional research collaborators |
| Name |       |       |       |       |
| Address |       |       |       |       |
| Email address |       |       |       |       |

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| PARTNER ORGANISATION DETAILS (if applicable) |
| *Name of partner organisation* |       |
| FOR JOINTLY-FUNDED OR PARTNER-FUNDED PROJECTS:What contribution, in addition to min 50% of studentship costs, will the Partner Organisation be making to the project? |
|       |
| I attach written confirmation from the partner that they will fund 50% (or more) of the studentship costs. | **[ ]**  |

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| --- | --- |
| PROJECT DETAILS |  |
| Title |       |
| Abstract*If your proposal is successful we will ask for an abstract in layman’s terms before recruitment* |       |
| Keywords |       |

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| What background would you expect a student taking up this project to have? |
|       |

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| ASSESSED COMPONENT |
| SCIENCE (threshold 3.0/5.0)\* |
| *What is the biological/medical problem?* |
| *Describe the scientific merit of the project. What are the key scientific challenges involved?* |       |
| INNOVATION (threshold 3.0/5.0)\* |
| *What is the technological innovation developed in the project? How does this differ from/build upon existing technologies?* |
| *All projects must be at least 50% within the EPSRC remit* *See Note 2.* |       |
| MULTIDISCIPLINARITY (threshold 3.0/5.0)\* |
| *How will the supervisors complement each other? How will the research and training be multidisciplinary?* |
| *Describe the roles and contribution of the supervisors.* |       |
| SYNERGY (threshold 3.0/5.0)\* |
| *How does the project complement other activities in the neurotechnology area at Imperial?* |
| *How will the project and the supervisors’ contribution support the CDT overall?* *You may refer to existing CDT projects or others being considered in this round. See Note 3.* |       |
| FEASIBILITY (threshold 3.0/5.0) |
| *How is the project suited to an MRes/PhD structure? Can it realistically be achieved in 4 years?* |
| *Describe the MRes/ PhD breakdown - which aspects of the project and training will be covered in each phase?**Comment on access to resources and achievability within the timeframe.* |       |
| *Supervision track record – please give details of the following:* |
| *Key grants relevant to the project (max 2)* |       |
| *Key papers relevant to the project (max 3)* |       |
| *No. of CDT Neuro + other PhD students currently supervised* | **Supervisor 1**

|  |  |  |
| --- | --- | --- |
|  | overall | CDTN students |
| As PI |       |       |
| As co-I |       |       |

 | **Supervisor 2**

|  |  |  |
| --- | --- | --- |
|  | overall | CDTN students |
| As PI |       |       |
| As co-I |       |       |

 | Supervisor 3

|  |  |  |
| --- | --- | --- |
|  | overall | CDTN students |
| As PI |       |       |
| As co-I |       |       |

 | Supervisor 4

|  |  |  |
| --- | --- | --- |
|  | overall | CDTN students |
| As PI |       |       |
| As co-I |       |       |

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| IMPACT (threshold 3.0/5.0)\* |
| *What is the expected impact of the project? What other added value can the project bring to the CDT?* |
| *This can include a translational element (eg how the new technology could be applied to neuro-science/medical problems, or how society can benefit from the technologies developed) and/or any other contri-butions, eg outreach, new industrial [or other] collaborations, follow-on funding.* |       |

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| APPLICATION REVIEW |
| *All proposals will be reviewed by a minimum of 5 members of the CDT Research Board. If you wish to recommend specific board members to review your proposal, please list them here. See Annex 2 for a list of board members.* |
| Name(s) |       |

***Page limit***

*Please complete your application by entering your text directly into this word document. Please restrict your application to 4 pages in total (including page 1 of supervisor details), and do not use a font less than 10 pt. You may delete the guidance notes in italics if you wish.*

**Notes – PLEASE ENSURE YOU ALSO READ ACCOMPANYING CALL GUIDELINES**

1. **Supervisor eligibility**
	1. Each project must involve at least 2 supervisors with complementary backgrounds (**plus** at least one external advisor for joint/partner-funded projects).
	2. Supervisors may be drawn from Imperial College or CDT Satellite Research Groups that have been approved by the CDT Research Board\*. However, each studentship proposal must contain at least one Imperial College supervisor as lead, and students must be registered at Imperial.

Imperial College supervisors must have an academic position that enables them to supervise PhD students. Independent Research Fellows (e.g. EPSRC Early or Established Career Fellows, Wellcome Trust Career Development Fellows, etc) may apply provided that they are normally eligible to supervise PhD students in their home department. Postdocs or PhD students may NOT be named as supervisors.

**Academics or partners at other institutions who do not meet these criteria (including UCL and KCL) are NOT eligible to be named as supervisors but may be listed as research collaborators.**

* 1. At least two supervisors must hold an academic position with tenure at least equal to the duration of the studentship.
	2. No PI may apply as Lead Supervisor on more than ONE project in each annual round, or be named as a supervisor on more than THREE proposed projects. This is to ensure diversity of the supervision pool. The sole exception to this is where the supervisors bring 100% of the studentship costs from an external source (e.g. funding from an industrial partner).
1. **EPSRC remit**

The EPSRC remit is defined (<http://www.epsrc.ac.uk/funding/howtoapply/basics/remit/>) as follows:

*Our remit covers engineering and the physical sciences: we fund research into chemistry, engineering, information and communications technologies, materials, mathematical sciences and physics. Though we do not have restrictions on application areas, the majority of research we support must be in engineering and the physical sciences.*

**Each CDT student project – with the exception of 100% partner-funded studentships – should (across the entirety of the project, over the four years, and broadly defined) be at least 50% within the EPSRC remit as described above.**

Projects that are funded 100% by a partner organisation can be more flexible in remit but must still fall within the remit of the **CDT**.

1. **CDT Neurotechnology remit**

The aim of the CDT Neurotechnology is to train a new generation of researchers – working in cross-disciplinary teams at the interface of neuroscience and engineering – to develop and harness new technologies for understanding and treating brain disorders. Our research can be broadly defined according to technology and health themes as described at: <http://www.imperial.ac.uk/neurotechnology/cdt/research/>.

See: <http://www.imperial.ac.uk/neurotechnology/cdt/projects/> for a list of current CDT projects.

**Annex 1 – Core CDT activities**

1. Arrange and host a CDT mini-symposium
2. Contribute to MRes taught training (eg lectures, lab skills, training workshops)
3. Act as a cohort mentor for incoming CDT cohort (4-year duration)
4. Assist with organisation of annual research symposium
5. Organise a CDT outreach activity
6. Assist with arrangements for CDT exhibits at Imperial Festival
7. Assist with organisation of a Winter School
8. Arrange a cross campus/cross university event
9. Organise a careers seminar
10. Contribution to the CDT newsletter/website
11. Organise industry visit/workshop
12. Other \_

**Annex 2 – Members of the CDT Research Board (proposed membership for 2019)**

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| --- | --- | --- | --- |
| Mauricio Barahona | *Mathematics* | Rylie Green | *Bioengineering* |
| Martyn Boutelle  | *Bioengineering* | Adam Hampshire | *Brain Sciences* |
| Stephen Brickley | *Life Sciences* | Paul Matthews | *Brain Sciences* |
| Claudia Clopath | *Bioengineering* | Mark Neil | *Physics* |
| Tim Constandinou | *Electrical & Electronic Engineering* | Tobias Reichenbach | *Bioengineering* |
| Simone di Giovanni | *Brain Sciences* | Magdalena Sastre | *Brain Sciences* |
| Aldo Faisal | *Bioengineering/Computing* | Simon Schultz | *Bioengineering* |
| Dario Farina | *Bioengineering* | David Sharp | *Brain Sciences* |
| Amanda Foust | *Bioengineering* | Ravi Vaidyanathan | *Mechanical Engineering* |
| Dan Goodman | *Electrical & Electronic Engineering* | Bill Wisden | *Life Sciences* |