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| Application for a White Rose BBSRC DTP CASE studentship October 2022 entry Form A: Case for support  Please note that applicants will need to complete and submit two forms: Form A (Case for Support) and Form B (Non-Academic Partner Form) plus a letter of support to Catherine Liddle, DTP Co-ordinator, via email: c.m.liddle@leeds.ac.uk **by 5pm Friday 1st October 2021** |

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| Section 1: Applicant contact details |
|  | Name | University / Organisation | Dept | Email | Tel |
| Academic Lead Supervisor |  |  |  |  |  |
| Non-academic / Industry Partner Supervisor |  |  |  |  |  |
| Academic Co-supervisor 1*(if applicable)* |  |  |  |  |  |
| Academic Co-supervisor 2*(if applicable)* |  |  |  |  |  |

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| Section 2: Project information |
| 2.1 | **Project Title** *Please note that projects will be assessed for fit to the BBSRC remit partly using this title – Please ensure that your title does not give the impression that the project would fall outside the BBSRC remit.* |  |
| 2.2 | **BBSRC Priorities***Delete the priority areas that do not apply.**These are the new BBSRC priority areas, taken from strategic document, “Forward look for UK Bioscience”, available on the BBSRC website:*[*https://bbsrc.ukri.org/documents/forward-look-for-uk-bioscience-pdf/*](https://bbsrc.ukri.org/documents/forward-look-for-uk-bioscience-pdf/)*(There are 5 new priorities but only 4 apply to WR BBSRC DTP projects)* | Bioscience for sustainable agriculture and food (AF) *(Formerly Agriculture and Food Security – FS)* | Bioscience for renewable resources and clean growth (RR)*(Formerly Industrial Biotechnology & Bioenergy – IBB)* | Understanding the rules of life (RL)*(Formerly World Class underpinning Bioscience – WCB)* | Transformative technologies (TT)*(Formerly Exploiting New Ways of Working – ENWW)* |
| 2.3 | **Relevance to BBSRC DTP remit** **and impact** (300 words max)*Cover the following:* 1. *How does the project fit the remit of mechanistic biology (e.g. the study of basic, life-governing processes at all levels of the organism) and your selected BBSRC priority area?*
2. *Key academic impact areas*
3. *Key non-academic impact areas*
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| 2.4 | **Project outline** (500 words max)*Please highlight the scientific excellence of the proposed project and succinctly describe it using the following headings:* 1. *Background*
2. *Objectives*
3. *Novelty*
4. *Timeliness*
5. *Experimental Approach*

*For the purposes of Equality, Diversity and Inclusion (EDI), project descriptions should be written in an accessible manner to appeal to a wide range of applicants.* |  |
| 2.5 | **Training – Academic** (500 words max)*See separate Guidance Notes* |  |
| 2.6 | **Training – Non-academic / Industry Partner** (500 words max)*See separate Guidance Notes* |  |
| 2.7 | **Research environment – Academic** (300 words max)*See separate Guidance Notes* |  |
| 2.8 | **Research environment – Non-academic / Industry Partner** (300 words max)*See separate Guidance Notes* |  |
| 2.9 | **Location** *Will the student industrial placement take place at the same location as the main PhD e.g. a university spin-out?*  | YES / NO *(Delete as appropriate)* |
| 2.10 | **If “Yes”** (250 words max)*Justify how the location will be a suitably differentiated environment for the student and highlight the added value.* |  |
| 2.11 | **Collaboration** (550 words max)*See separate Guidance Notes.* |  |
| 2.12 | **Grants** *(If applicable)**Provide details of relevant research grant income – current grants and those ended within the last 3 years – from BBSRC or other funding agencies:**Project titles, start and end date(s), level of funding, details of the PI and a list of all applicants.* *Identify the grant holder i.e. University or the non-academic / industrial partner.****Do not include any studentships*** |  |
| 2.13 | Do you envisage that there will be work in **whole, living, protected animals** within your proposed project? | YES / NO *(Delete as appropriate)**If you have answered ‘Yes’ and you are awarded a studentship, your student will be required to attend a mandatory half-day Advanced Ethics workshop in Leeds.* |
| 2.14 | **Ethics***Does the project require ethical approval by the University Ethics Panel?* *If ‘Yes’, please give details of approval given.*  | YES / Not applicable *(Delete as appropriate)* |

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| Section 3: Supervisors*Please include information for each supervisor (academic and industry / non-academic)* |

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| Section 3.1: Academic lead supervisor |
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| 3.11 | **Summary of research experience** (200 words max):*Please add relevant information not already included in the above boxes.* |  |
| 3.12 | **4 key relevant publications***In the last 5 years. Highlight any postgraduate co-authors.* |  |
| 3.13 | **Current PhD students***Current number of PhD students, including start and end dates and source of funding for each student.*  |  |
| 3.14 | **Past PhD students***List all students that submitted within the last 3 years: start date, submission date and sources of funding.**Indicate if any of these students submitted after the 4-year deadline.*  |  |

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| Section 3.2: Non-academic / industry partner supervisor |
| 3.22 | **Four key relevant publications***In the last 5 years. Highlight any postgraduate co-authors.* |  |
| 3.23 | **Current PhD students***Current number of PhD students, including start and end dates and source of funding for each student.* |  |
| 3.24 | **Past PhD students***List all students that submitted within the last 3 years: start date, submission date and sources of funding.**Indicate if any of these students submitted after the 4-year deadline.*  |  |
| 3.25 | **Research funding** (200 words max)*Research grant income from BBSRC or similar funding agencies, either directly or within partnership arrangements.*  |  |
| 3.26 | **Training** (200 words max)*Describe your experience of training PhD students and working with academic researchers.*  |  |
| 3.27 | **Summary of Research Experience** (200 words max):*Please add relevant information not already included in the above boxes.* |  |

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| Section 3.3: Academic co-supervisor 1 *(if applicable)* |
| 3.31 | **4 key relevant publications***In the last 5 years. Highlight any postgraduate co-authors.* |  |
| 3.32 | **Current PhD** **students***Current number of PhD students, including start and end dates and source of funding for each student.*  |  |
| 3.33 | **Past PhD students***List all students that submitted within the last 3 years: start date, submission date and sources of funding.**Indicate if any of these students submitted after the 4-year deadline.*  |  |
| 3.34 | **Summary of Research Experience** (200 words max):*Please add relevant information not already included in the above boxes.* |  |

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| Section 3.4: Academic co-supervisor 2 *(if applicable)* |
| 3.41 | **4 key relevant publications***In the last 5 years. Highlight any postgraduate co-authors* |  |
| 3.42 | **Current PhD students***Current number of PhD students, including start and end dates and source of funding for each student.*  |  |
| 3.43 | **Past PhD students***List all students that submitted within the last 3 years: start date, submission date and sources of funding.**Indicate if any of these students submitted after the 4-year deadline.*  |  |
| 3.44 | **Summary of Research Experience** (200 words max):*Please add relevant information not already included in the above boxes.* |  |

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| Section 4: Supporting the DTP training programme |
| **We have developed an innovative new training programme for DTP3 and, as part of this, we are introducing a series of Masterclasses that will be open to all PGRs in all years across the partnership. These Masterclasses will be organised and delivered by DTP supervisors. All supervisors bidding for a studentship will be encouraged and expected to contribute their expertise to the development and running of the Masterclasses.** **DTP3 also gives us the opportunity to further develop the CASE cohort within the DTP. These students will take part in bioeconomy mini-symposia specifically for the CASE cohort (COVID restrictions allowing). As a CASE supervisor, you would be expected to attend the CASE symposium. This is in addition to the annual DTP student symposium that takes place in December.** **Supervisors are also expected to support their students across the core DTP and CASE specific training programme.****Please read the additional information provided in the separate guidance document for more information.** |
| 4.1 | **Masterclasses - What will you as the lead supervisor, and the co-supervisors, contribute to the DTP Masterclasses?** (300 words max)See the information in the guidance document about the expected nature and format of the Masterclasses.   |  |
| 4.2 | **Indicate which broad area of science this fits into**Supervisors are grouped into broad scientific areas/clusters for the purposes of the masterclasses. If your area of research could fit into more than one cluster, please choose the one most pertinent.  | **Development, Disease and Neurobiology** |  |
| **Microbiology** |  |
| **Molecular and cell biology** |  |
| **Plant Science** |  |
| **Structural Biology, Biophysics and Chemistry** |  |

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| Section 5: Signature |
| **By submitting this application for a White Rose BBSRC DTP CASE project, I understand that, if successful, I am committing to supporting the overall work of the DTP and to supporting my PhD student in their professional development, including attending DTP-wide and CASE-specific training opportunities.**  |
| **Signature of academic lead:**(an electronic signature is acceptable) |
| **Date:**  |