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| Application for a White Rose BBSRC DTP CASE studentship  October 2021 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](mailto: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* |  | | | |
| 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:** |