**Form F08**

**01/08/23**

**BBSRC SoCoBio DTP project proposal form 2024**

***Deadline for submission: 17:00 GMT Wednesday 20th September 2023***

Please ensure that you have read the [guidance notes](#_SoCoBio_DTP_Project) before completing the form.

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| I confirm this proposal has been reviewed for BBSRC remit and supervisor compliance by one of the Academic Leads at my Institution | Tick the Academic Lead who has reviewed your project proposal  Choose an item. |

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| Project Title | | Click or tap here to enter text. | |
| Supervisors and affiliations – complete in full for each supervisor  *(in submitting this proposal the primary supervisor confirms they have the approval of all supervisors)* | | | |
| Title  (e.g Mr, Prof, Dr) | PI, Co-PI, Name & affiliation | | Email |
| Click or tap here to enter text. | Click or tap here to enter text. | | Click or tap here to enter text. |
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| This project has been submitted previously. | Yes  No - if yes state which Year submitted:  Select year previously submitted  2020 2021 2022 2023 |
| Location of primary supervisor | USoton  UKent  USussx  UPort  NIAB |
| Is the primary supervisor (PI) already a PI for a SoCoBio student | Yes  No - if yes state which cohort  I have a SoCoBio student in this cohort(s)  2020 2021 2022 2023 |
| Is this a CASE project? | Yes  No |
| Describe any additional industry involvement | Click or tap here to enter text. |
| Please outline any matched funding available to support this studentship (provide evidence if available) | Click or tap here to enter text. |
| Is this project a collaboration between two independent disciplines? | Yes (please briefly explain below)  No  Click or tap here to enter text. |
| Can this project be undertaken by a student working part-time? | Yes  No |

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| Project summary (300 words max.)  Include:  1) Rationale and importance.  2) Approaches to be used,  3) Areas of potential impact,  4) Any candidate qualities that would be particularly suitable for the project | Click or tap here to enter text. |

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| Up to 5 recent publications by the supervisory team relevant to the project (including techniques to be used) | Click or tap here to enter text. |

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| BBSRC & SoCoBio strategic relevance | Tick all that apply (please refer to <https://bbsrc.ukri.org/documents/forward-look-for-uk-bioscience-pdf/>)  Understanding the rules of life  Transformative Technologies  Bioscience for sustainable agriculture and food  Bioscience for renewable resources and clean growth  Bioscience for an integrated understanding of health  Microbiology (including food safety)  Systems Biology  Industrial Biotechnology  Technology Development  Neuroscience & Behaviour  Structural Biology  Crop Science  Plant Science  Synthetic Biology  Pharmaceuticals  Bioenergy  Ageing  Other topics |

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| --- | --- |
| Track record with BBSRC | How many BBSRC grant applications have you made as PI or Co-I since (and including) 2014:  Click or tap here to enter text.  List BBSRC-funded awards since (and including) 2014:  Click or tap here to enter text. |
| Relevant current funding. Please list major current awards available to support the research | Click or tap here to enter text. |
| Please describe the project-specific training the student will receive including methods to be used (250 words max.) | Click or tap here to enter text. |
| Outline the experience and track record of the supervisory team | Click or tap here to enter text. |
| How many PhD students are the team currently supervising? | Click or tap here to enter text. |
| How many PhD students have the supervisory team graduated?  (include % submitting within 4 years) | Click or tap here to enter text. |
| Please provide any other relevant information to support your case (100 words max.) | Click or tap here to enter text. |

# SoCoBio DTP Project Application form Guidance notes

All projects should be written for their suitability as Ph.D. training projects within the BBSRC remit (https://bbsrc.ukri.org/research/) and *must include* supervisors from two or more partner organisations.

An industry partner is considered a partner organisation for this purpose if there is a genuine involvement of the industry co-supervisor in the research. Students will be required to spend at least 3 months (PIPS) at the industrial partner. For projects between academic partners, there is no requirement for students to undertake research work in both locations (although it is encouraged).

We will select at least twice the number of projects as studentships available and these projects will be available to students to see during the recruitment process. Students will initially select the project they wish to rotate in when they apply to the DTP and will be able to modify their selection up to the time of their interview.

**The requirements for potential supervisors are as follows:**

* The primary supervisor should have a position that extends beyond the duration of the studentship project and should be primarily affiliated to their institution.
* The supervisory team as a whole should have a track record of successful Ph.D. student completion.
* There is no requirement to have BBSRC funding in order to apply as long as the project is within the BBSRC remit, but a track record of BBSRC funding will be taken into account when choosing projects, as will other funding available to support the research environment of the student.
* Only one project as a primary supervisor (PI) can be submitted each year with the exception of NIAB PIs who can submit multiple projects with different co-supervisors.
* Supervisors cannot be main supervisor for more than 2 students over the 5 cohorts (although students on industry projects, either co-funded or CASE, do not count towards that total). NIAB supervisors are exempt from this requirement.
* Supervisors MUST have completed the following training within the last 3 years in order for students to be accepted onto their projects.

1) formal PG supervisory training as part of their continued professional development delivered by their respective Graduate Schools,

2) mental health and wellbeing awareness (“First Aid”) training - courses topics to include ensuring student well-being, spotting common problems, and dealing with mental health difficulties in students, and

3) attend a DTP training workshop.

**Projects will be selected on the following basis:**

* Priority projects (SEE BELOW)
* Quality of the science
* Suitability of project for Ph.D. student training
* Fit to BBSRC remit (including meeting our target training commitments – see below)
* Track record of the supervisory team (including completion rates)
* Industry support (and matched funding from other sources)

**Projects will need to map onto the following training areas:**

* Understanding the rules of life (40%)
* Bioscience for sustainable agriculture and food (20%)
* Bioscience for renewable resources and clean growth (30%)
* Bioscience for an integrated understanding of health (10%)

In addition, we will train students in specific training areas as listed in the application form.

PRIORITY PROJECTS FOR 2024 RECRUITMENT CYCLE:

* BBSRC theme Bioscience for renewable resources and clean growth
* BBSRC theme Transformative technologies
* CASE projects (Standard or 50% match funded)
* Projects based at NIAB at East Malling

In order to increase likelihood of projects being selected in these priority areas we may select priority projects for direct recruitment.

**Number of studentships awarded**

We have been funded for 19 studentships per year and over the course of the DTP (assessed after 3 years) we will need to fulfil our target numbers for the partner organisations: Southampton (6), Kent (5-6), Sussex (3-4), NIAB at East Malling (2-3), Portsmouth (1). These are fully funded, and the number of studentships can be enhanced through matched funding to up to twice this number. ~30% of these projects should involve industry and ~30% of projects should be interdisciplinary (transformative technologies).

**Research Training Support Grant (RTSG)**

BBSRC provide £5000 RTSG per studentship, of which projects will receive £4000 p.a. in funding (rotation projects in Yr 1 of the programme will receive £1000) to support the student directly, including conference travel. £1000 goes towards funding DTP cohort wide training. Please make sure you have additional funding to support the project if required.

**CASE projects**

If you have a CASE project please familiarise yourself with BBSRCs guidance:

[BBSRC CASE Studentships Information pack](https://southcoastbiosciencesdtp.ac.uk/wp-content/uploads/2022/06/CASE-Studentships-Information-pack-6-1.pdf)

[BBSRC CASE Studentships Frequently asked questions](https://southcoastbiosciencesdtp.ac.uk/wp-content/uploads/2022/06/CASE-Studentships-Frequently-asked-questions-3-1.pdf)

Please complete the word document and return as a word document to the

DTP Manager (Email: [socobio@soton.ac.uk](mailto:socobio@soton.ac.uk) )

by **5pm on Wednesday 20th September 2023.**