

AU Status

Undergraduate or PG Taught

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Full Name

James Edward Euesden

Please enter the name of the person responsible for reviewing your assessment.

Reyer Zwiggelaar

Please enter the aber.ac.uk email address of the person responsible for reviewing your application

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Supervisor or Institute Director of Research Department

cs

Module code (Only enter if you have been asked to do so)

CS39440

Proposed Study Title

MMP A Toolkit For Reporting On Metagenome Assembly Quality

Proposed Start Date

25th Jan 2016

Proposed Completion Date

4th May 2016

Are you conducting a quantitative or qualitative research project?

Quantitative

Does your research require external ethical approval under the Health Research Authority?

No

Does your research involve animals?

No

Are you completing this form for your own research?

Yes

Does your research involve human participants?

No

Institute

IMPACS

Please provide a brief summary of your project (150 word max)

Creating a web service tool that a user may submit some metagenomic sequences in FASTA format (ATGC characters) that returns them an estimated report of how good the 'quality' is from the created assembly of the sequence based on techniques such as GC Content counting and finding ORF Locations. The web service stores no data locally and processes the submitted data per user session. The data files accepted are just string characters that could be any sequence. The report produced is a visual report using charts to look for areas where there may be chimeric data

Where appropriate, do you have consent for the publication, reproduction or use of any unpublished material?

Not applicable

Will appropriate measures be put in place for the secure and confidential storage of data?

Yes

Does the research pose more than minimal and predictable risk to the researcher?

Not applicable

Will you be travelling, as a foreign national, in to any areas that the UK Foreign and Commonwealth Office advise against travel to?

No

Please include any further relevant information for this section here:

If you are to be working alone with vulnerable people or children, you may need a DBS (CRB) check. Tick to confirm that you will ensure you comply with this requirement should you identify that you require one.

Yes

Declaration: Please tick to confirm that you have completed this form to the best of your knowledge and that you will inform your department should the proposal significantly change.

Yes

Please include any further relevant information for this section here: