Cyclops Healthcare Network

Call for feasibility study funding – March 2017

The EPSRC Cyclops Healthcare Network is designed to support the application of closed loop control systems approaches to medical treatment in three clinical exemplar areas:

* Cancer care
* Intensive care
* Chronic wound care

Applications are invited for funding feasibility studies addressing this remit.

Scope and eligibility

* Applications must address the remit of the network: application of closed loop control systems to one or more of the clinical exemplar areas (cancer care, intensive care, chronic wound care)
* A minimum of 2 institutions should be involved in each feasibility study
* Applications must be led by a UK-based investigator, who attended the Cyclops Grand Challenge Workshop (20-21 March 2017)
* Other investigators should have attended the workshop (or a representative from their research group). If expertise is required in the proposal that could not be provided by anybody who attended the workshop, then other investigators/partners may be included.
* We expect to fund a range of projects of different values. There is ~£300k in total to spend and we expect to fund ~6 projects up to a max £60k.
* Projects will be funded at 80% FEC. Cyclops funding cannot be used to fund equipment over £10k.
* Applicants must be eligible for EPSRC funding and costs.
* NHS clinical staff time is eligible for funding
* Full eligibility criteria is available at <https://www.epsrc.ac.uk/funding/howtoapply/fundingguide/eligibility/investigators/> )
* Grant must be spent by 30th September 2019 (at the very latest)

Key dates

Deadline for Submission 4pm Monday 24th April 2017

Notification of outcomes By Friday 26th May 2017

Please submit your proposal to info@healthcaretechnologies.ac.uk

Application

|  |  |  |
| --- | --- | --- |
| **Principal investigator** | *Insert name* | *Insert institution* |
| **Co-investigators** | *Insert name(s)* | *Insert institution(s)* |
| **Other partners** | *Insert name(s)* | *Insert institution(s)* |
| **Title of proposed project** |  |
| **Lay summary (250 words max)** Please ensure this is not confidential as we would like to publicise the projects we are funding. |  |
| **Background, aims and objectives** (Figures can be added. Please keep this to 1 page max 300 words) |  |
| **Research novelty**How does the proposed research represent a significant advance in treatment for at least one of the clinical exemplar areas. (max 200 words) |  |
| **Description of work**Please provide a description of the work that will be conducted, noting which investigators partners will undertake each part.(Figures can be added. Please keep this to one page) |  |
| **Project deliverables**Please detail the timeline and key research outcomes from the project. (max 250 words) |  |
| **Research impact**Please outline the steps you will take to maximise the chances of your research being used within and outside of academia. |  |
| **Future funding**Please describe the funding you expect to target following a promising feasibility study. |  |
| **Costings and resources**Please provide a detailed breakdown of costs associated with your project.  | *Directly incurred costs* | *Staff costs**Travel and subsistence*  |  |
| *Consumables* |  |
| *Other directly incurred* |  |
| ***Total*** |  |
| *Directly allocated costs* | *Investigator costs* |  |
| *Other (eg estates)* |  |
| *Total* |  |
| *Indirect costs* |  |
| *Total project cost* |  |
| ***Total requested from Cyclops*** *(=80% FEC. Maximum £60K)*  |  |
| *Any contributions from other sources* |  |
| *Justification of resources* |  |
| **Track record**Demonstrate the capacity of the research team to deliver the proposed research.(max 400 words) |  |
| **References**Place supporting references for all sections here. |  |

Evaluation of applications

The applications will be reviewed by the project Advisory Board using the following criteria:

* Project addresses the remit of the network.
* Applicants attended the workshop.
* Evidence of understanding the clinical problem within the closed loop system framework. (We would expect a relevant clinician to either be directly involved in the project, or to have given a letter of support for the proposed approach).
* Likelihood of success of the project (we will consider high risk, high reward projects)
* The next steps following this project, including potential funding sources, have been identified and properly considered. The project should have the potential to aid the development of a larger funded project.
* Potential to attract industrial partners to the network including the potential for developing intellectual property.
* Track record of the applicants.
* Project activities are achievable in the timescale and resources proposed.
* Costs are properly justified and represent value for money.

New collaborations, or new directions with existing partners are encouraged. Applications from early career researchers are also encouraged.

The panel will seek to fund a portfolio of projects covering the breadth of the clinical exemplar areas.

**One further call is expected during Autumn-Winter 2017**.