## Centre for Systems Modelling and Quantitative Biomedicine

## Research Incubator 2024: Application for Seedcorn Funding

Successful applicants will be **required to attend** a two-day incubator kick-off event on **24th and 25th June 2024 at the Hogarth’s Hotel Solihull** where projects will be developed in collaboration with the project team, the SMQB Centre Fellow and a budget of up to £10,000 approved. As part of this process, applicants will receive advice and guidance from a professional services team including public engagement & involvement (including lay members), research facilitators, and business engagement who will provide support to develop outputs and applications as your seedcorn project evolves.

**The incubator kick-off event will take place in person at the Hogarth’s Hotel Solihull on 24th and 25th June. All transport from campus and overnight accommodation for 1 night will be provided (if required). Please ensure the PI and one Co-I are available to attend both days as projects will not be supported if you are unable to attend the kick-off event.**

Please submit the completed application form to Dr Rebecca Ward ([r.j.ward.2@bham.ac.uk](mailto:r.j.ward.2@bham.ac.uk)) by **4pm on Friday 12th April 2024.**

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| 1. **APPLICANT DETAILS** | |
| **Name of Principal Investigator** |  |
| **College and Institute/School of Principal Investigator** |  |
| **Email address** |  |
| **Telephone number** |  |
| **Name(s) of Co-Investigator(s)** |  |
| **College and Institute/School of Co-Investigator(s)** |  |
| **Indicate which 2 members of the team will attend the off-site kick-off event on 24th & 25th June.** |  |
| 1. **PROJECT DETAILS** | |
| **Research project title** |  |
| **What is the research question?**  *What is the hypothesis to test?*  [100 words max] |  |
| **Why is it important?**  [100 words max] |  |
| **Please state which specific future funding you will apply for as a direct result of this research project and provide indicative timelines.**  *Publications and Onward funding are the key objectives of seed corn awards.*  *Timescales for these must be clearly stated.*  [100 words max] |  |
| **What outputs will be generated during this research?**  *This should be considered broadly, and can include, for example, new software, methodologies, collaborations, outreach activities, as well as impactful peer-reviewed publications.*  *NOTE: Timescales for these must be clearly stated.*  [100 words max] |  |
| **What disciplines are you bringing together within this project?**  [100 words max] |  |
| **Have you spoken to a member of the SMQB staff about your project in advance of submitting – who was this?**  *We recommend consulting with an SMQB fellow to help identifying the specific quantitative skills needed to deliver this project. This will help us best match you up with a fellow.*  [150 words max] |  |
| 1. **PUBLIC ENGAGEMENT AND INVOLVEMENT** | |
| **What societal problem is this research attempting to improve? If this research succeeds, how might it potentially improve things for those affected?**  [200 words max] |  |
| **How might you involve patients, carers and/or the public in this project?**  *This could be including patients, carers and/or the public in the design/evaluation/running of the project, as well as other public engagement events and activities.* |  |
| **Lay Summary**  *Please describe your project to someone who is interested, but who does not have a scientific background. This should include what you’re hoping to find out, how you’ll investigate this problem, and what the wider impact will be from your research.*  *The lay summary will also be used in the process to match projects with artists in residence – see below.*  *NOTE: the decision-making panel includes both scientists and lay representatives.*  [200 words max] |  |
| **Artist in Residence**  *Please indicate if you are interested in having an artist in residence embedded in your team to develop a legacy artwork around your project.*  *Not all projects will necessarily be matched with artists, as this depends on (suitable quality) artists’ proposals coming forward. Lay summaries will be used in the ‘call out’ to recruit artists in residence.*  *NOTE: funding for creative artwork is provided in addition to resources needed to deliver the scientific project.* | Yes, I would like this project to be considered for the Artist-in-Residence programme  No, I would not like this project to be considered for the Artist-in-Residence programme |
| 1. **INDUSTRY INVOLVEMENT** | |
| **Do you think your project may be suitable for industry involvement?**  *If yes, please provide further information on the stage you are at with industry involvement.*  [100 words max] | No, this project is not suitable for industry involvement/engagement (at this stage)  Yes. Please provide further details below. For example, do you have an industry partner already? Are you looking for an industrial partner? |
| 1. **PROJECT PLANNING** | |
| **Describe the methodology and design you will use to answer the research question including feasibility of the research**  [500 words max, 5 key references, 1 figure] |  |
| **What is preventing you from undertaking this project already?**  [150 words max] |  |
| **What quantitative skills do you feel are missing in your project investigators and are required to deliver the project?**  *Please be as specific as you can with this as it will help us match you with a fellow. If possible please include references to papers that use the techniques you are interested in. Please reach out to SMQB fellows, or via* [*r.j.ward.2@bham.ac.uk*](mailto:r.j.ward.2@bham.ac.uk) *for advice on this section.*  [150 words max] |  |
| **Briefly describe your data for this project (e.g. numbers etc) and how you will collate existing data in advance of June.**  **What data do you need to run this project? What data have you already collected, what will need to be collected? Will the data need pre-processing? Are data approvals or access required?**  *Please note that projects strongly dependent on collection of new data are unlikely to be suitable for support through this mechanism due to the short timescale.*  *Applicants may be asked to supply evidence of availability of existing data.*  *Please discuss any concerns you have about your data.*  [400 words max] |  |