Health and Care Partnership

Guidance for 2019 Sandpit: “Innovative technologies to assist the health and care workforce”

Please read this guidance alongside completing the Expression of Interest form.

**A. Scheme Purpose**
The Health & Care Partnership has launched the Sheffield Health and Care Sandpit to provide seedcorn funding to stimulate collaborative activities across Sheffield Hallam University (SHU), Sheffield Teaching Hospitals NHS Foundation Trust (STH) and The University of Sheffield (TUOS). The 2019 sandpit will examine the area of: **Innovative technologies to assist the health and care workforce.**

Across the health and social care system, there is a recognition that the workforce are under increasing pressure. The NHS Long term plan identified the importance of ensuring staff are making the most of their skills and expertise

“We need to work at national and local levels to put in place changes that remove wasted time and irritating tasks, so that staff are able to focus on patient care.”

The rapid development of technology is a key opportunity to free up staff time, allowing them to focus on activities that will support patients and deliver care. Talking with staff across health and care within the Sheffield area, it is clear there is an appetite to try new things and evaluate them in real-world environments. This is a great opportunity to bring the expertise from across the 3 health care partners organisations together with the lived experience of the local health and care workforce to co-create workable solutions.

About the Health and Care Partnership

The Health & Care Partnership is a collaboration between The University of Sheffield, Sheffield Hallam University and the Sheffield Teaching Hospitals NHS Trust which has been established to build a stronger collective position on health research and maximise innovation with the regional health and care system.

The partners are actively supporting and resourcing the development of innovative partnership projects that address the specific needs of our regional health and care system.

**B. Key Principles**

i. Only new projects will be funded.

ii. Collaborations must involve at least three partner organisations (including at least two of SHU, STH, TUOS). Additional partners could include any NHS or social care, charity, university or industry organisation that strengthens the bid.

iii. Both clinicians and technologists must be involved in the collaboration.

iv. Any Sheffield City Region partners that are essential to solution development should be brought in to collaboration.

v. Adhere to the word limit and format of the Expression of Interest form. If required an appendix of additional information can be submitted no more than two sides of A4.

vi. All monies requested must be spent by June 30 2020.

**C. The Application Form**
Question 1: Create a non-confidential summary of your proposal describing the health and care staff need, technology assistance and nature of the project. This summary may be used on the websites, and in other forums, by the Partnership and so please take care to not disclose confidential information in this section. Include the:

- health and care staff need
- nature of the project to be done (e.g. evaluation, systematic review, Patient & Public Involvement, focus group, pilot data collection, implementation)
- technology assistance proposed
- organisations involved in your proposal.

Question 2: Describe in detail the health and care professional need and the proposed technology your proposal will be bringing together. Include information on the process you have gone through to understand the current technological solutions. Include detail of the:

<table>
<thead>
<tr>
<th>Health and care staff need</th>
<th>Proposed Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>the target staff/location group</td>
<td>what is available on the market (whether or not in use)</td>
</tr>
<tr>
<td>the current and future need</td>
<td>potential technology solutions</td>
</tr>
<tr>
<td>what is already happening</td>
<td>development need</td>
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<tr>
<td>where the gap is</td>
<td>possible wider technology collaborations.</td>
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</tbody>
</table>

Question 3: Outline the project plan and the measurable objectives the team will be aiming for. Show how the project is scalable, testable locally and ultimately sustainable. Include details of:

- the type of project needed
- aims of the project
- the novelty of the proposal
- what the project will consist of to meet the aims
- what the deliverables will be
- what the time line for the project is (including start and finish)
- how this project addresses the needs described at the ‘Sandpit’ event
- what are the next steps for the activity, beyond this seedcorn funding?

Question 4: Describe the impact of the ‘sandpit event’ on your application, theme or team. The partnership is keen to understand the effects of bringing new groups of collaborators together to stimulate research and innovation. Please provide any details on the impact of the event on your research activity, highlighting any new collaborations stimulated by this activity and/or current collaborations that have been enhanced. If you were not able to attend the event, you can refer to the online materials.

Question 5: Describe the role and contribution of each team member involved in the proposal, making clear how this is a new collaboration. Where existing collaborations are
Question 6a: Include all the costs associate with the proposed activity.

i. Break the costs down by item, amount and clearly indicate which organisation will be incurring the cost.

ii. Only directly incurred costs will be funded. *(Directly Incurred staff costs include researcher, technician or clerical/administrative positions paid for directly from a grant; non-staff costs include consumables, travel to related meetings, events, expenses incurred.)* No overheads or VAT can be claimed by any partners for research activity. VAT may be claimed for consultancy or service activities. Given the amount of funding on offer, equipment such as laptops etc are not eligible for funding.

iii. Check with the relevant organisations finance team to collect accurate costs before submitting.

iv. This is seedcorn funding to kick start new initiatives. Maximum available is £25,000

Question 6b Indicate in this section whether you expect to secure any additional support (cash/people/facilities & equipment etc.) from other sources e.g. your department/external partner(s)?

Question 6c Describe what and where the next funding stream will be. As a seedcorn fund, the partners anticipate that applicants will being thinking about how their idea can be developed into a new product or service, and so you should be clear about where it can go if successful.

D. Appendices

i. Letters of Support from external partners (not SHU, STH or TUOS) should be included with your EoI if relevant. These letters are expected to highlight their commitment to the project and including:
   ● Why they are a partner on the project?
   ● What do they hope to get out of the collaboration?
   ● What will they contribute toward the project, including any cash and/or in-kind contributions (which can include staff time, access to equipment in your organization, provision of data, software or materials)?

ii. If required an appendix of additional information can be submitted no more than two sides of A4.

E. Submitting the Application

Please submit your application via the EOI application form by 10 October to Peter Hough *(p.hough@sheffield.ac.uk)*.

F. Assessment

Expressions of Interest will be triaged, and a maximum of 5 groups will be invited to present a 5 slide set presentation to a closed dragons den on 4 November 2019.

Proposals will be reviewed against the following criteria:
Health and Care Partnership

Does this project fit with the broad objectives of the sandpit challenge

- The proposal must involve clinical and technological expertise coming together to deliver a solution.
- The proposal must be a collaboration of at least three partners including at least two from Sheffield Teaching Hospitals, University of Sheffield and Sheffield Hallam University.
- The proposal must be a novel collaboration or an enhanced current collaboration.
- The proposal must outline the next funding stage if research is successful
- The proposal must outline the impact that attending the sandpit event or viewing materials had on the research idea/plan/team

- Are there clear and measurable objectives in the project plan?
- Is there a clear understanding of the potential benefits of participation for all partners?
- Is there a clear understanding of the potential impact that could result from this activity
- Is it clear how applicants have scoped the landscape
- Are there realistic and appropriate plans for delivering the project and clear follow-on plans?
- Does the project represent good value for money and are the resources applied for appropriate and justified?

G. Judging Panel

Applications will be assessed by a panel.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Professor Chris Newman</td>
<td>Interim Vice-President and Head of Faculty (MDH), The University of Sheffield</td>
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<tr>
<td>Professor Alison Metcalfe</td>
<td>Pro Vice-Chancellor for Teaching and Learning, Sheffield Hallam University</td>
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<tr>
<td>Liz Pryde</td>
<td>Devices for Dignity, NIHR MedTech and In vitro diagnostic Co-operative</td>
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<tr>
<td>Dr Ceri Batchelder</td>
<td>Entrepreneur in Residence at the University of Sheffield/ Connect&amp;Create</td>
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<td>Professor Claire Craig</td>
<td>Lab for living, Sheffield Hallam University</td>
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<tr>
<td>TBC</td>
<td>Workforce lead, Sheffield Teaching Hospitals</td>
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H. Contact Details

For further information please contact Liz Philpots, Health and Care Partnership Manager (e.m.philpots@sheffield.ac.uk / e.philpots@shu.ac.uk)