

STRETCH Project

Socio-Technical Resilience for
Enhancing Targeted Community Healthcare
EPSRC-funded Project EP/P01013X/1



STRETCH News

October 2017

This is the newsletter for the Socio-Technical Resilience for Targeted Community Healthcare (STRETCH) project. The newsletter is sent bi-monthly to communicate with our research partners and collaborators.

Please also see our website <https://www.stretchproject.org/> which will be updated as the project progresses.

Recent Activities

We had our regular project team meeting in London on the 29th of September.

Age UK pilot study

We have now met and are working with 5 pilot participants, to map their circles of support networks and identify ways to strengthen them through social, technical, and socio-technical means. The information we gather here is helping to build “archetypes” of care-recipients, and to identify common needs that could be met through similar care technologies. We are also starting to interview some supporters (or “circles of support”) to understand their needs, concerns, and how we can increase their resilience as supporters.



Community engagement

We will soon launch a community survey intended to understand people’s motivations for being informal supporters of older people, and we are also looking to build collaborations with some local Exeter organisations who are running community capacity building initiatives. The intention here is to look at how we might encourage more people to become informal supporters, particularly within shared neighbourhoods.



Interviewing clinicians, and healthcare professionals

The OU team had a meeting with Dr Chris Lindsay, he is a consultant Acute Physician in Milton Keynes University Hospital. The information we gathered during the meeting is very helpful in identifying the common medical problems among the older population and how they are related to their life style at home. This meeting also helped us to understand the clinical concerns about older adults at home, and the information about older people’s activities of daily life (ADL) that clinical professionals would like to see.

Development of sensors for activity monitoring

Researchers at the OU have set up a data gateway to connect the sensors with a remote server. They are testing their first

motion sensor to determine the robustness of the data collection system and also determine optimal ways of configuring and powering sensors. The motion sensor provides information about activity levels in a given physical space, and future developments will add a temperature and humidity sensors to monitor other environmental factors.

Plan of Action

- Our plan for the next two months includes:
- To continue interviewing people in the Exeter and Milton Keynes pilot studies, until we have a good understanding of the needs of the different types of stakeholders/circles of support that the STRETCH system should support.
- To continue testing some sensor devices, including instrumenting some of the pilot participants' homes.
- To prepare a catalogue of care needs and technologies that could be used to monitor and support these needs.
- To begin designing the STRETCH software architecture.
- To build on our engagement with community organisations and clinical professionals.
- Our next project meeting in Exeter is on November the 17th.



[Read More](#)

STRETCH PROJECT

Our mailing address is:

stretch-project@googlegroups.com

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#)

This email was sent to

[<<Email Address>>](#)

[why did I get this?](#)

[unsubscribe from this list](#)

[update subscription preferences](#)

