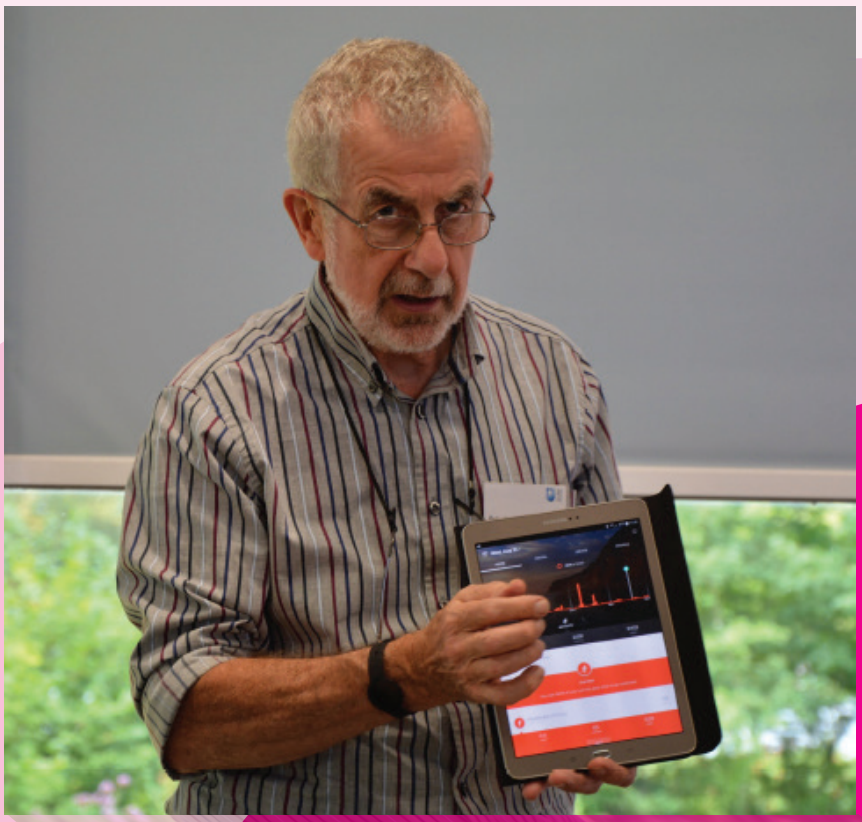
Wearables

The Open University

Designing Wearable Activity Monitoring Technologies that work well for Older Users and Carers



Designing Wearable Activity Monitoring Technologies that work well for Older Users and Carers

> *"improving the physical and mental well-being of older people, carers, and people being cared for"*

The Open University has received funding from an ESRC Impact Acceleration Account (IAA) in partnership with University of Oxford for the project: Designing Wearable Activity Monitoring Technologies that work well for Older Users and Carers. The project will run from April 2017 to January 2018.

Wearable activity monitoring technologies include, for example, trackers from Fitbit, Garmin and Samsung, and smart watches. The ESRC IAA project aims to produce a multi-way knowledge-exchange between key stakeholders for improving the design of activity monitoring technologies (and digital health wearables, in general) for older users, carers and medical professionals.

The practitioner partners on this ESRC IAA project are: Age UK Milton Keynes, Carers Milton Keynes and Samsung, UK.

Our focus will be to build on and exploit recently gathered user-based evidence (from our previous Sir Halley Stewart Trust-funded project) on the usability and accessibility of wearable technologies for older people and carers; the role of such devices in caring and self-management of health; accuracy and reliability concerns of stakeholders; use of data for diagnosis and medical interventions; and ethical considerations of data-usage.

The academic team consists of: Professor Shailey Minocha, Dr Duncan Banks, and Dr Caroline Holland, Dr Ana-Despina Tudor and Ms Catherine McNulty of The Open University; and Dr Kate Hamblin and Dr George Leeson of The Oxford Institute of Population Ageing, University of Oxford.

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CarersMK

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