

## TIHM showcase event - Briefing

**Date:** Friday, 31st May 2019

**Time:** 10.30am-2pm

**Purpose of visit is to:**

1. present the achievements and results of the first phase of TIHM
2. visit the living lab to see the TIHM technology
3. meet people with dementia and carers who have been testing the technology
4. To explain the commercialisation of TIHM

**Location:**

Meeting Centre, 3<sup>rd</sup> Floor,  
University of Surrey  
Leggett Building and Clinical Research Centre  
Egerton Road  
Guildford, GU2 7XP

**Programme**

Time	Item
10.15 -10.30am	Refreshments
10.30 -10.50am	Welcome from Professor Helen Rostill who will introduce TIHM for dementia and explain the key aims of this pioneering system. She will also discuss the key findings and achievements from the first phase of TIHM and provide an update on phase two of the project.
10.50 – 12-noon	Guests will be split in to two groups for this session
10.50 – 11.20am	Group One: This group will be taken to the Living Lab at the Clinical Research Centre where Professor Payam Barnaghi will present the TIHM devices in a 'home setting' and the digital dashboard used by the Monitoring Team. This will show live data from the second phase of the TIHM study
10.50 – 11.20am	Group Two: Trevor Truman, Carer Representative on the TIHM Management Board will present a Carer's Perspective on TIHM and show two videos of Trusted Users trialling the technology in their homes. There will also be an opportunity to talk to members of the TIHM Management Team and meet Trusted Users.

11.20 - 12 noon	Group Two will be taken to the Living Lab
11.20 - 12 noon	Group One will receive the presentation from Trevor Truman and will be able to discuss TIHM with the TIHM Project Management Team and Trusted Users
12.00 - 12.40	Lunch is served
12.40 - 12.55	Professor Ramin Nilforooshan will discuss the implications of the system for clinicians, patients and healthcare providers
12.55 - 13.05	Presentation by Rosa Napolitano on the commercialisation of TIHM and the different routes being offered
13.05 - 13.25	Presentation by Simon Devonshire OBE on the future of digital health technology and the significance of TIHM
13.25 - 13.35	Presentation by Hamid Zolfagharinia on the route being taken by Birmingham Community Healthcare NHS FT as a fast follower
13.35 - 13.50	Q&A (Chaired by Professor Helen Rostill/Professor Ramin Nilforooshan)
13.50 – 14.00	Event ends

### **Attending:**

#### **TIHM for Dementia**

Professor Helen Rostill, SABP  
 Professor Ramin Nilforooshan, SABP  
 Professor Payam Barnaghi, UoS  
 Rosa Napolitano, SABP  
 Simon Devonshire, Howz  
 Jonathan Burr, Howz  
 Dr Shirin Enshaeifar, UoS  
 Severin Skillman, UoS  
 Irfan Hassan, SABP  
 Jenny Bramwell, SABP  
 Sally Heath, SABP  
 Amanda Morgan, SABP  
 Jo Marchington, SABP

#### **Guests**

Chris Row, Innovate UK  
 Councillor Sinead Mooney, Cabinet Member for Adults and Health  
 Simon White, SCC and Heartlands  
 Joe Mills, Royal Surrey County Hospital  
 Paul Perkin, British Home  
 Simon Hanassab, Imperial College

Daniel Varga, Imperial College  
Robert Ham, Southern Health NHS Foundation Trust  
Jade Fortune, NICE  
Sue Wales, Ashford and St Peter's NHS Foundation Trust  
Sarah Appleby, West Midlands AHSN

**Birmingham Community Healthcare NHS Foundation Trust:**

Hamid Zolfagharinia  
Nazneen Bagdadi  
Bev Marriott  
Jane Cable  
Pauline Hutchinson

**Trusted Users – people with dementia and carers who have been trialling the TIHM system**

Trevor Truman  
John and Marion Edwards  
Tony and Ros Boville

**About the partners leading TIHM for dementia**

**Surrey and Borders Partnership NHS Foundation Trust**

Surrey and Borders Partnership is a leading provider of mental health, drug and alcohol, and learning disability services in southern England.

**University of Surrey (The Centre for Vision, Speech and Signal Processing CVSSP)**

The CVSSP is an internationally recognised leader in audio-visual machine perception research. With a diverse community of more than 150 researchers, it is one of the largest audio and vision research groups in the UK.

**Howz**

Howz is a smart home system designed to help older people stay independent for longer. Howz learns a person's daily routine and uses this to detect short term anomalies and long term changes. Based in Manchester Howz works with EDF Energy and other corporates in the UK, USA, Europe, Hong Kong and Australia.

## **Speakers at the event:**

### **Professor Helen Rostill**

Professor Helen Rostill is a Consultant Clinical Psychologist and Board Director at Surrey and Borders Partnership NHS FT with responsibility for strategy, new business, research and development, innovation, information technology strategy and therapies. She is the Trust's Chief Technology Officer. Helen currently leads mental health programmes in Surrey Heartlands and Frimley Integrated Care Systems. She is the Senior Responsible Officer for the TIHM for dementia NHS Test Bed. She worked 10 years as a Senior Lecturer at the University of Birmingham and has published a wide range of research in national and international peer reviewed journals. She has a Doctorate in Clinical Psychology (Clin PsyD), a Postgraduate Diploma in Strategic Management and Leadership and a BSc (First Class Hons) in Psychology.

### **Professor Ramin Nilforooshan**

Professor Ramin Nilforooshan (M) is a Consultant Psychiatrist for Older Adults, an Associate Medical Director for Research and Development for Surrey and Borders Partnership (SABP) and also a visiting Professor at the University of Surrey. He is also the specialty lead for dementia research for CRN in Kent, Surrey and Sussex, with a strong research interest in biomarkers for diagnosis and treatment of Alzheimer's disease. Professor Nilforooshan is the clinical lead for the TIHM for dementia NHS Test Bed and he is principal investigator for several national and international clinical trials.

### **Professor Payam Barnaghi**

Payam Barnaghi is professor of machine intelligence at the Department of Electronic and Electrical Engineering and a member of the Centre for Vision, Speech and Signal Processing (CVSSP) at the University of Surrey. He is also Deputy Director of the Care Research and Technology Centre at the UK Dementia Research Institute and technical lead for the TIHM for dementia NHS Test Bed. He is a senior member of the IEEE and a Fellow of the Higher Education Academy

### **Simon Devonshire OBE**

Simon Devonshire is a director of Howz and Former Entrepreneur in Residence for the UK Government from 2014 to 2017, reporting to the Department for Business, Energy and Industrial Strategy. He is also EiR for the National Physical Laboratory as well as an entrepreneur and investor and has personal experience of dementia in his own family.

### **Rosa Napolitano**

Rosa Napolitano is the commercialisation lead for TIHM for dementia. She is the former Associate Director of Commercial Development for Surrey and Borders Partnership NHS FT and is an experienced consultant with over 20 years supporting growth through bids, inward investment and face-to-face negotiation. As well as leading on the commercialisation of TIHM for Dementia, she also works for the Kent Surrey and Sussex Academic Health Science Network on a range of inward investment projects for the region.

**Trevor Truman**

Trevor Truman is the Carer Representative on the TIHM for dementia management board and principal carer for his wife who was diagnosed with Alzheimer's Disease in 2016. Mr Truman is part of the TIHM for dementia Trusted User Group and has been very involved in testing the technology in phases one and two of the TIHM for dementia project.

**Hamid Zolfagharinia**

Hamid Zolfagharinia is Innovation Manager at Birmingham Community Healthcare NHS Foundation Trust. His role includes identifying novel technologies to improve community healthcare services for patients in Birmingham and surrounding areas. Hamid is a clinical scientist by background, specialising in the design of electronic medical instrumentation, physiological measurements and management of medical equipment. He chaired the Clinical Engineering Specialist Interest Group at the Institute of Physics and Engineering in Medicine and is a member of the Institute of Science and Technology.