



**e-Health: Building the UCL Community  
UCL e-Health Symposium**

**22 November 2011, Institute of Child Health**

Welcome to this exciting symposium which brings together a wide range of UCL academics and disciplines. The aims of the day are to:

1. Bring together the enormously varied community of researchers with an interest in e-Health. These include academics with a background in clinical medicine, psychology, sociology, health informatics, human-computer interaction, computational science, computer science and engineering to mention but a few.
2. Exchange expertise, interest and ideas with a view to establishing future collaborations and strengthening UCL as a research centre for e-Health.
3. Showcase our diverse expertise to the wider community.

E-Health can be defined as the use of new information and communication technologies to improve health and health care. Internationally, e-Health is seen as one solution to the well described problems faced by all health care systems as a result of an ageing population, an increase in the prevalence of long term conditions, rising costs of treatment or investigation, and rising expectations from the population. Our symposium will explore UCL's contribution to addressing these problems.

We start with a session on e-Health and epidemiology, and how e-Health enables data collection for bespoke cohort studies. The second session explores the use of electronic medical records and routinely collected data for research. After coffee we explore the use of e-Health interventions for health promotion (e.g. smoking, sexual health and alcohol consumption) and for long-term conditions (e.g. diabetes and heart disease). The afternoon offers a menu of workshops and parallel sessions, on areas such as using mobile phones and the web for data collection, to information and security governance. We close with a panel discussion bringing together speakers from throughout the day to explore the future of e-Health research at UCL and in the UK.

**Programme**

- 08.30 – 9.00 *Registration and Coffee*
- 09.00 – 9.15 **Welcome from Professor Sir John Tooke – UCL Vice Provost (Health)**  
*What is e-Health and why does it matter?*
- 09.15 – 10.10 **e-Health and epidemiology**  
*Chair – Professor Sir John Tooke – UCL Vice Provost (Health)*
- Professor Carol Dezateux – UCL Institute of Child Health**  
*Using public data for health research across the life course*
- Professor Anne Johnson – Chair, UCL Population Health Domain**  
*Quality, quantity, speed and cost: Harnessing electronic methods for epidemiological data collection*
- 10.10 – 11.00 **Appropriating Electronic Medical Records for Research**  
*Chair – Professor Anne Johnson – Chair, UCL Population Health Domain*
- Dr Irene Petersen – UCL Primary Care and Population Health**  
*Primary care e-health research – new horizons*
- Professor Harry Hemingway – UCL Epidemiology and Public Health**  
*CARDiovascular disease research using Linked Bespoke studies and Electronic Records: CALIBER*
- Professor Nick Freemantle – UCL Primary Care and Population Health**  
*Answering real world questions using routinely collected data*
- 11.00 – 11.30 *Coffee*
- 11.30 – 13.00 **e-Health interventions**  
*Chair – Professor Graham Hart – Dean, UCL Faculty of Population Health Sciences*
- Health promotion**  
**Dr Stuart Linke – e-Health Unit, UCL Primary Care and Population Health**  
*Using the internet to help hazardous and harmful drinkers drink less: the DownYourDrink experience.*
- Dr Jamie Brown – Health Behaviour Research Centre, UCL Epidemiology and Public Health**  
*The development and piloting of StopAdvisor: An Internet-based Smoking Cessation Intervention.*
- Dr Julia Bailey – e-Health Unit, UCL Primary Care and Population Health**  
*Sex Unzipped: Development and evaluation of a sexual health promotion website for young people.*
- Long term conditions**  
**Dr Peter Hindmarsh – UCLH and UCL Institute of Child Health**  
*Web-based self-management for young people with Type 1 Diabetes (tbc).*
- Dr Elizabeth Murray – e-Health Unit, UCL Primary Care and Population Health**  
*Web-based self-management for adults with Type 2 Diabetes (tbc)*

## UCL POPULATION HEALTH DOMAIN

**Professor David Patterson – Whittington Health, UCL Medicine and UCL Centre for Health Informatics and Medical Education**  
*Community Based anticoagulant and stroke prevention services in North Central London.*

13.00 – 14.00 *Lunch and poster display*

14.00 – 15.30 **Parallel sessions and workshops\***

*Workshop 1\** **Using mobile phones and the web for data collection**  
*Dr Henry Potts – UCL Centre for Health Informatics and Medical Education and Ms Zarnie Khadjesari – e-Health Unit, UCL Primary Care and Population Health*

*Workshop 2\** **Information Security and Governance**  
*Dr Tito Castillo – UCL Institute of Child Health, Mr Trevor Peacock – AISC, Mr Nathan Lea - UCL Centre for Health Informatics and Medical Education*

*Parallel Session 1* **Engaging Clinicians and Patients**  
**Convenors: Professors Ann Blandford & Dipak Kalra**

**Mr Tony Lezard – UCLP**  
*Innovations in Healthcare*

**Professor Ann Blandford – UCL Interaction Centre**  
*Usability and sense making*

**Professor Dipak Kalra – UCL Division of Population Health**  
*Harmonising electronic health records across Europe*

**Professor Chris Barker – UCL Clinical, Educational and Health Psychology**  
*Online support groups for mental health problems*

*Parallel Session 2* **Future e-Health developments**  
**Convenor: Professor Peter Coveney**

**Professor Peter Coveney – UCL Chemistry**  
*A Global IT Revolution in Healthcare: from the Virtual Physiological Human to Digital Me*

**Professor Philip Treleaven – UCL Computer Science**  
*Healthcare in 200 Stores – the infrastructure*

**Professor David Hawkes – UCL Computer Science**  
*Medical Imaging*

15.30 – 16.15 **Where next for e-Health?**  
*Chair – Professor Anne Johnson – UCL Population Health Domain*

Feedback from parallel sessions and workshops and panel discussion with Professor Harry Hemingway, Dr Henry Potts, Dr Tito Castillo, Professor Ann Blandford, Professor Peter Coveney and Professor Elizabeth Murray (*tbc*).

16.15 *Closing remarks from Professor Anne Johnson and networking*

\* If you would like to attend either of the workshops, please sign up when you register to attend or by emailing Sarah Ball ([s.ball@ucl.ac.uk](mailto:s.ball@ucl.ac.uk))