



YCCSA Seminar Series Spring 2018

An interdisciplinary seminar series hosted by the York Cross-disciplinary Centre for System Analysis aimed at researchers from all disciplines

Seven lessons for interdisciplinary research: the case of interactive digital health interventions

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Ron Cooke Hub, RCH/204 at 13:30

Abstract:

In this talk, I will reflect on experiences of Human–Computer Interaction (HCI) researchers and Health (or Biomedical) researchers working together on the design and deployment of interactive digital health interventions. This requires multi-disciplinary expertise in identifying user needs, and developing and evaluating each intervention. While the two disciplines share some research methods and values, they have entrenched differences that can catch people unawares, make interdisciplinary collaborations challenging, and result in sub-optimal project outcomes. The most widely discussed is the contrast between formative evaluation (emphasized in HCI) and summative evaluation (emphasized in Health research). However, the differences extend well beyond this, from the nature of accepted evidence to the culture of reporting. I will discuss seven lessons that we have learned about the contrasting cultures, values, assumptions and practices of Health and HCI. These lessons are structured according to a research lifecycle, from establishing the state of the art, through stages of development, evaluation and deployment, to reporting research results. By learning from each other, we can improve both the insight and the rigour of research.

The seminar includes a refreshment break to fuel interdisciplinary discussion

***Ron Cooke Hub is on Heslington East Campus – accessible by free bus services
Nos. 66 and UB1 running at frequent intervals from Heslington West.
The YCCSA Seminar room is on the second floor***