



Doctoral programme in Nursing Science

## **DIGITAL HEALTH INTERVENTIONS AND THEIR IMPLEMENTATION (4ECTS)**

**Time:** June 16-18, 2021

**Target group:** Doctoral candidates

**Place:** Zoom

**Course leader:** Professor Sanna Salanterä, University of Turku

**Responsible teachers:**

Professor Sanna Salanterä, University of Turku

Associate Professor Anna Axelin, University of Turku

**Purpose:** To gain knowledge and deepen understanding on digital health intervention research methodology and the implementation process of these interventions.

**Credits:** 4 credit points (ECTS), preliminary individual work 2, lectures 1 and seminar 1 ECTS

### **PROGRAMME**

#### **Wednesday June 16<sup>th</sup>**

09.15 – 09.30 EET	Opening of the course and introduction
09.30 – 10.00	Theoretical and methodological frameworks, <i>Professor Sanna Salanterä, University of Turku</i>
10.00 – 10.15	Break
10.15 – 11.15	Development and evaluation of digital interventions for health <i>Professor Elizabeth Murray, University College London, UK</i>
11.15 – 12.00	Lunch
12.00 – 13.00	Collaboration between ICT and nursing science – the perspective of an engineer, <i>Associate professor Amir Rahmani, University of California Irvine, USA</i>
13.00 – 13.15	Break
13.15 – 13.45	End-user perspective in developing digital health interventions, <i>Senior researcher Hannakaisa Niela-Vilen, University of Turku</i>
13.45 – 14.30	IPR and patents, <i>Head of Unit Eeva Ryödi, Legal Affairs, University of Turku</i>
14.30 – 14.45	Break
14.45 – 15.15	Regulations and data security, <i>Doctoral student Janne Mutanen, Tampere University</i>
15.15 – 16.00	Summary of the day and working time



**Thursday June 17<sup>th</sup>**

09.15 – 09.30

Opening of the day

09.30 – 10.30

Evaluating digital health solutions in low- and middle-income countries, *Associate professor Amnesty LeFevre, University of Cape Town, South Africa & Assistant professor Smisha Agarwal, Johns Hopkins School of Public Health, USA*

10.30 – 10.45

Break

10.45 – 11.45

Implementing digital interventions, *Associate professor Anna Axelin, University of Turku*

11.45 – 12.30

Lunch

12.30 – 13.30

Case examples:

- Health game FUME, *Dr. Heidi Parisod, University of Turku*
- Real-time scheduling solution program, *Dr. Outi Tuominen, Turku University Hospital*
- Pain assessment in ICU, *PhD candidate Riitta Mieronkoski, University of Turku*

13.30 – 13.45

Break

13.45 – 14.15

Design thinking process, *Senior researcher Anni Pakarinen, University of Turku*

14.15 – 14.30

Break

14.30 – 15.30

Future of technology in nursing, *Professor Paula Procter, Sheffield Hallam University, UK*

15.30 – 16.00

Summary of the day and working time

**Friday June 18<sup>th</sup>**

08.00 – 15.00

Seminar

Group work and presentations  
*Anna Axelin, Sanna Salanterä*