



## MYiHealth program

20-21 September, 2017

### CONFERENCE PROGRAM, DAY 1

Aula Medica, Karolinska Institutet

#### 09.00 Coffee and registration

#### 10.00 The patient – what is important for me and MYiHealth?

Speaker: Cristin Lind

#### 10.15 Welcome opening speech

**Speakers:** Karin Dahlman-Wright, Acting Vice-Chancellor, Karolinska Institutet, Astrid Söderbergh Widding, Vice-Chancellor, Stockholm University. Daniel Forslund, Innovation Commissioner, Stockholm County Council & Karin Wanngård, Mayor, City of Stockholm

#### 10.30 Combining Social Networking Sites and Biochemistry for better health

Speaker: Jamie Heywood, CEO, Patients Like Me

#### 11.00 Troo Life Coach: Motivating Teens to Take Healthier Decisions for Life?

Speaker: Jen Hyatt, Entrepreneur

#### 11.30 Whole genome sequencing in clinical medicine in the era of Big Data

Speaker: Anna Wedell, MD, PhD, Professor of Medical genetics, Karolinska Institutet

#### 12.00 Inspiring lunch and creative networking

#### 13.00 Fully integrated health care solutions to prevent disease and improve patient outcome – the patient centric university

Speaker: Melvin Samsom, CEO, Karolinska University Hospital

#### 13.30 How machine learning and AI helps our 100 000 doctors deliver better care to patients

Speaker: Ron Gutman, CEO, HealthTap

#### 14.00 Panel

Speakers: IBM

#### 14.30 Stimulating coffee and networking

#### 15.15 Virtual Reality goes to war: Applications for the prevention, assessment and treatment of PTSD

Speaker: Albert "Skip" Rizzo, Director for Medical Virtual Reality, University of Southern California

#### 15.45 How can I be sure about integrity of my data?

Speaker: Cecilia Magnusson Sjöberg, Professor, Department of Law, Stockholm University

#### 16.05 Go FAIR, go Anywhere - The Personal Health Train on track

Speaker: Barend Mons, Dutch Techcentre for Life Science

#### 16.30 How do we put it all together? A lifelong learning health system

Speaker: Cristin Lind

#### 18.00 Reception at Stockholm City Hall

### WORKSHOPS PROGRAM, DAY 2

Aula Magna, Stockholm University

#### 09.30 Meet up

#### 09.30 Parallel sessions

#### Workshop 1: Making Patient outcomes come alive in reality

Why is it so hard to have real time analysis on how health care providers are doing for their patients? This workshop will provide two examples of how it can be done and what it takes to measure and create new patient care pathways.

**Speakers:** Karolinska example : Anna Göjeryd Ulander & Andreas Ringman Ugglå, MD PhD, COO, Karolinska University Hospital.  
Akademiska Hospital example : Morten Kildahl.  
Hackensack Meridian Health example: Andre Goy.

### **Workshop 2: From mobility device to health coach**

The days a wheelchair is merely a tool to get from A to B are numbered – using sensors and user-adapted software the wheelchair becomes a seating coach enhancing health and diminishing injuries and pain.

**Speakers:** Permobil & Jamie Heywood

### **Workshop 3: Legal constraints and solutions on using patient data**

Are you struggling to understand what is allowed and not when it comes to data privacy and data protection? This workshop will give you an insight to issues related to patient integrity and legal regulations that may impact the development and implementation of new digital health systems. Cecilia will together with Magnus bring up current challenges and discuss issues that the participants suggest.

**Speakers:** Cecilia Magnusson Sjöberg, Professor, Faculty of Law, Stockholm University & Magnus Stenbeck

### **Workshop 4: Digital tools for behavioral change Digital friends for drifting teenagers**

It is difficult to navigate the rough seas of today's teenage life. Using Artificial Intelligence, neuroscience, behavioral economics and psychology, Troo Life Coach is an app to help teenagers make healthier decisions through chat, curated content and challenges with rewards.

**Speaker:** Jen Hyatt, Entrepreneur

### **Digital diabetes control beats drugs**

Combining healthcare expertise with data, IT and design to aid people in making healthy lifestyle choices with a focus on diabetes for now but looking to expand into other non-communicable chronic diseases. The mobile phone integrates with sensors to support prevention and early detection of unhealthy choices.

**Speakers:** Holmusk

## **10.30 – 11.00 Stimulating coffee and networking**

### **11.00 – 12.00 Debate**

#### **Combining social media and molecular medicine. What's next?**

Today knowledge is extracted from isles of data to serve patients and society. The aim is for people trying to prevent disease as well as for patients control and access to data about themselves and compare to similar patients with a focus on patient outcomes. But is it just about collecting tons of data and having the

largest social network? What's next to deliver true prevention and health? Who is to benefit?

**Speakers:** Jamie Heywood & Mathias Uhlén

## **12.00 Inspiring lunch and creative networking**

### **13.00 Parallel sessions**

#### **Workshop 5: Digital patients leading development of healthcare**

In this workshop Sara Riggare starts from her background as a Parkinson patient and discusses models and methods for digital self-care in chronic disease, self-tracking, patient engagement/participation/empowerment.

Eskil Degsell works with how we can engage the broader society in improving patient health. With a wife severely ill in cancer, Eskil has committed himself to innovative ways to improve patient outcomes.

**Speakers:** Maria Hägglund, Sara Riggare & Eskil Degsell, Innovator & entrepreneur

#### **Workshop 6: Generating insights from distributed patient datasets**

IT systems in healthcare encompass many legacy systems, hindering data exchange and large-scale data merging and analysis. Especially for rare diseases this hinders research and healthcare progress. Martin and Barend introduce the latest developments in data integration and interoperability and the challenges ahead of us.

**Speakers:** Martin Ingvar & Barend Mons

#### **Workshop 7: Dr Watson is ready to see you!**

Ranging from supporting integrated care management, evidence-based and patient-centric treatment options to value-based care and improved health imaging, a whole range of healthcare services are offered based on the Watson framework. This workshop will walk you through the options and possibilities. Will Dr Watson take over from today's doctors?

**Speakers:** IBM

#### **Workshop 8: Virtual reality will cure you**

This workshop will focus on new means to prevent and rehabilitate patients with PTSD, TBI, Autism, ADHD, Alzheimer's disease, stroke and other clinical conditions. Focus will be of discussions and demonstrations of interactive and immersive Virtual Reality simulations for patient-focused interventions.

**Speaker:** Albert "Skip" Rizzo

## **14.45 Stimulating coffee and networking**