Does your heart beat for open innovation?

Would you like to work directly with leading healthcare companies to solve their grand challenges?

Then join us and Copenhagen Center for Health Technology (cachet), TRYG, Lundbeck and Novo Nordisk for the Open Innovation X (Oi-X) Developers’ Weekend Fri 06 – Sun 08 April @DTU Skylab – the innovation hub for student innovation and entrepreneurship.
Oi-X = Open innovation program that connects students and corporations, to jointly solve societal or industrial challenges

DEEP DIVE
Lunch Info meeting
Optional
Tuesday
13 March
12:15-13:00
DTU Library, building 101

SPRINT
A WEEKEND OF DEVELOPMENT
Friday - Sunday
06-08 April
starts Friday 17:15
@Skylab

FINALS
Pitch 3 min + 4 min question
Optional
Tuesday
17 April
17:00-21:00
@Skylab

INCUBATION
Continued collaboration with the companies
Optional
Oi-X Start-up Bootcamp
Tue 24 April
17:15-21:00
@Skylab
WHO CAN JOIN AS DEVELOPERS?

Students of higher education from any university

With any profile – it is all about cross-disciplinarity!

HOW TO JOIN

- Read the challenges and sign up on www.oi-x.dtu.dk
- Stay tuned on Facebook at Oi-X HEALTH

We don’t expect you to have a team or solution for the challenge before you join on 06 April. It’s free of charge and including all meals and materials.
WHY JOIN AS DEVELOPER?

- **Solve** grand challenges with leading companies
- **Win** prices of 70,000 DKK and scholarships
- **Strengthen** education and boost career
- **Have fun** and expand network
- **Learn** about open innovation and sprint development
- **Be mentored** by industry, researchers, entrepreneurs
Oi-X HEALTH 2018 Challenges

If you find any of the below interesting then Oi-X HEALTH is for you!

- Text mining
- IoT
- Big Data hacking and visualization
- Needs analysis
- Design technical and digital solutions for improved healthcare
- Innovative partnerships
- Concept development
- Biomedical signal analysis
- Algorithm development and testing
- Value based pricing
- Stakeholder analysis
- Business model innovation
- Diabetes
- Parkinsons disease
- Health solutions for the elderly
- Prototyping
- App development
- Open Innovation
- Team work
- Product development
- Actor network analysis
- From needs to value proposition
- Patients empowerment
- Health data
- Health policy
- Health insurance
- Healthcare innovation
- Meeting new people
- Having fun
- Working in cross disciplinary teams
- Learn how to pitch
Oi-X HEALTH 2018 Challenges

How to assess of movement abnormalities in patients with Parkinson’s disease using daily-living technology?

Movement measurements / Parkinson’s disease / Daily living environment / Disease progression / Signal analysis / Pattern recognition / Technological development / IoT / Good Clinical Practice

How can we measure movements, especially abnormal movements, in Parkinson’s patients by using daily-living technology? And how can we reliably use these measurements to assess changes in the disease over time (disease progression) - both improvement and worsening – and hence use these technical solutions to assess treatment effects in our development of new drug therapies for PD?

How to provide personalization of treatment and lifestyle advice based on passive data streams from mobile devices?

Health Technology / Artificial Intelligence / Mobile app / Use of personal data / Lifestyle / Mobile data

We want to use a patient’s passive data streams from a mobile device to design how personalized treatment/lifestyle advice can be provided to the patient in a way that motivates, with content relevant for the patient, at a level right for the patient, and only at a time point where the patient wishes to receive the information.

Above challenge-teasers will be published online with a further detailing on the 6th March 2018 – they are therefore still subject to minor changes.
Oi-X HEALTH 2018 Challenges

Help us design a proactive approach to Innovation Partnering. Who are the key players and networks in relevant research fields?

Text mining / Visualization / KOL (Key Opinion Leaders) / Mapping / Clustering / Ranking / Actor Networks / Partnership Strategies

Help us identify networks and key actors in the research fields relevant for Novo Nordisk. Make use the data we make available on DTU’s supercomputer COMPUTEROME and think innovatively on how to analyze and illustrate these insights for our strategic use.

In collaboration with DTU Bioinformatics and COMPUTEROME

We share – my care. How to ensure healthy and active senior life with a crowdfunded or peer to peer insurance?

Community / Crowdfunding / Peer to peer / Gamification / Elderly / Business model innovation

Show us a peer to peer or crowdfunded insurance for the elderly (aged 67+) leaving the labor market. The amount of the world’s population over 60 years will nearly be doubled within 2050 – from 12% to 22%. As such, the numbers of elderly who will need care increases and we must find new ways to ensure that more elderly are healthy and self-reliant.

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Join us and read more:
www.oi-x.dtu.dk / Oi-X HEALTH