Summer course on Biodesign – learn to work with design of medical devices and establish collaborations across countries

What?
- A short intensive summer course on development of medical devices (5 credits)
- One introductory online meeting, followed by team work (~10 hours expected commitment) to identify a list of clinical needs in a specific clinical area (e.g. diabetes, heart disease, MS)
- Two online coaching sessions for each development team
- 3 days on campus in Uppsala, Sweden to scale down the identified needs and identify a possible solution to the clinical need (short introductions, group work and short pitches, final presentations and dinner)

When and where?
- Online introduction mid-April
- Online coaching April-May
- A 3-day workshop between 13-17 May in Uppsala, Sweden (dates to be confirmed)

To whom?
- PhD students in the field of engineering, biomedicine, medicine, and business studies from the ENLIGHT partner universities
- PhD students working with development of medical devices or interested in development of medical devices and entrepreneurship

Why apply?
- Unique possibility to establish contacts with PhD students interested in medical device development and work with them to identify critical needs that could be addressed
- Hands-on approach to develop medical devices that builds on a well-established framework from Stanford University to develop medical devices (Biodesign)
- Receive support and coaching from experienced medical device developers, teachers and entrepreneurs

What else is included?
- The cost of hosting the 2024 course is covered by the ENLIGHT programme, with no additional fee required from participants
- You will be provided with daily lunches and coffee
- There will be a group dinner included on one evening
- Participants will be eligible to apply for ERASMUS support the cost of flights and accommodation in Uppsala. ENLIGHT may also contribute towards these costs.

How to apply?
- Send your CV and a short motivation letter detailing
  o your previous experience/knowledge of medical device development
  o how the course would benefit you
  o what are your strengths that you would bring to the team
  o why you wish to take this course
- Send your application to anders.brantnell@angstrom.uu.se at latest 27 February 2024
- We will inform all who have been accepted in the end of February/early March 2024

We look forward to your application!

Anders Brantnell (Uppsala University) & Eoin McEvoy (University of Galway)