

## **HDRUK/Turing PhD programme in Health Data Science**

### **Manchester Immersion Days, 1-3 December 2021**

Tech Incubator, Manchester Technology Centre, Oxford Road, Manchester, M1 7ED

#### *Wednesday 1<sup>st</sup> December*

- 09.30-10.00 Welcome
- 10.00-12.00 Niels Peek: Regression analysis for health outcomes
- 12.00-13.00 Lunch
- 13.00-14.45 Niels Peek: Using prediction models to support clinical decision making
- 15.00-17.00 David Jenkins: Computer practical, part I

#### *Thursday 2<sup>nd</sup> December*

- 09.00-10.45 Glen Martin: Model validation and generalisation
- 11.00-12.00 Invited lecture by Joe Cafazzo, University of Toronto: “Medly for heart failure management : A real-world example of the use of ML-enhanced expert systems”  
(different location: 4.211 University Place, 176 Oxford Road, Manchester M13 9PL)
- 12.00-13.00 Lunch
- 13.00-16.00 David Jenkins: Computer practical, part II
- 16.00-17.00 PhD showcase: Rose Sisk, Lucy Bull, David Jenkins, Antonia Tsvetanova
- 17.30-19.30 Social drinks & dinner at Brewdog Outpost, 144 Oxford Road, Manchester M13 9GP

#### *Friday 3<sup>rd</sup> December*

- 09.00-10.45 Matt Sperrin: Prediction and causal inference
- 11.00-12.00 Invited lecture by Corinne Faivre-Finn, The Christie NHS Foundation Trust: “Challenges with the implementation of predictive models in the clinic”
- 12.00-12.30 Evaluation & Close