**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 1st 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: Clinical prediction models and clinical decision support

15.00-17.00 David Jenkins: Computer practical, part I

*Thursday 2nd 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 3rd 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