

Big Data in Biomedical Research - Using the UK Biobank in Ireland

Workshop Programme:

Friday 21st May 2021

10 am: Welcome & Introduction to the UK Biobank (1hr) - Chair: Thomas Dinneen, *Trinity College Dublin*

1. Thomas Dinneen, *Trinity College Dublin* (10mins)
2. Dr Ben Lacey- UK Biobank representative, *University of Oxford* (40 mins)
3. Questions (10 mins)

11am: Analysing UK Biobank Datasets (1 hr) – Chair: Dr Lorna Lopez, *Maynooth University*

1. Dr Richard Anney, *Cardiff University* (20mins)
2. Dr Michelle Luciano, *The University of Edinburgh* (20mins)
3. Questions (10mins)

11.50am: Coffee break (10mins)

12pm: UK Biobank Projects based in Ireland (1 hr) – Chair: Prof. Louise Gallagher, *Trinity College Dublin*

1. Dr Ed Gilbert, *The Royal College of Surgeons in Ireland* (15 mins)
2. Dr Lina Zgaga, *Trinity College Dublin* (15 mins)
3. Dr Cathy Wyse, *Maynooth University* (15 mins)
4. Questions (15mins)

1pm: Lunch (30 mins)

1.30pm: Thesis-in-three session (30 mins)

Three-minute summations of PhD candidate/student UK Biobank projects. Prizes to be judged by a panel of experts (First-place prize: €250; Second-place prize: €150; Third-place prize: €100).

2pm: Collaboration session (20 mins)

A brainstorming session for workshop participants to come up with a one-slide, collaborative project idea in the UK Biobank Participants will work in groups to come-up with a quick project idea incorporating all of their teams expertise and skillsets. Best project idea will receive an award (€100), judged by an invited representative of the UK Biobank.

2.20pm: Prizes and Conclusion (10 mins)- Thomas Dinneen, *Trinity College Dublin*; Dr Ben Lacey, *University of Oxford*