Thank you, so I'm really sorry I'm not Russ. Just imagine I'm a high-energy male Californian geek with an earring or two! Maybe that'll help you. We decided that one of the ways in which we might like to address the challenge of making sense of the linked healthcare data and the potential for all the other data in UK Biobank to drive the process of phenotyping the health outcomes of our participants would be actually to use this challenge as a great opportunity to set the challenge to the community. This really is going to be a challenge for geeks and to help us set this up and set up something that would be globally attractive to the computer science, health and bioinformatics communities around the globe, we put together a committee of super geeks.

There's a few of us from within the Biobank team but importantly, we have Russ Altman from Stamford chairing this group, and others contributing. Josh, who's just spoken to us, and his colleague, Lisa Bastarache from Vanderbilt, he's a statistician and health informatician from Harvard. Spiros Denaxas at UCL in London, in Cambridge and Nick Tatonetti from Columbia. They have been together in a high-energy, high-excitement format despite the fact we haven't yet had them in the same room. We've been doing this all using video-conferencing; have been plotting and planning the launch of this challenge, which will occur later this year.

It will be all about data-driven scalable methods to create phenotypes, perhaps starting out with some of the conventional disease classifications that we are more familiar with, but ultimately moving towards the definition of new diseases and the recognition of disease clusters that have not previously been thought about or recognised before, to really enhance the discovery potential of UK Biobank. So we will be formally launching this challenge later this year. We are going to set up on our website a place where you can register your interest so that we can keep you informed of progress as we plot and plan and pull this together. The exact task will be specified soon. We need to generate a platform to host this challenge to enable people to take part from all over the world. We need to set in place our evaluation criteria, which may include for example genetic validation tools. You've heard a bit about how those might be used from Josh. Or expert adjudicated subsets that can be used as further evaluation criteria.

Watch this space and we really look forward to taking part with all of you and many others in this global challenge. Thanks very much.

[END OF TRANSCRIPT]