# Nuffield Department of POPULATION HEALTH

**Nuffield Department of Population Health**
# Special seminar

# Nora Pashayan
## *University College, London*

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## "Translating genomics into population-based cancer screening strategies – opportunities and challenges"

Personalised or risk-stratified screening offers opportunities to improve the efficiency of cancer screening programmes and reduce their adverse consequences. Polygenic risk score alone or combined with non-genetic risk factors could be used for risk-stratification for risk-tailored screening. Developing and implementing such risk-stratified programmes would require coordination of multi-disciplinary efforts.

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## Wednesday 10th February 2016, 12-1pm

### Lecture Theatre, Richard Doll Bldg, Old Road Campus

Nora Pashayan is a senior clinical lecturer in applied health research in the Institute of Epidemiology & Healthcare at University College London. Her research interest is in cancer screening, and particularly in risk-stratified screening.

Nora has clinical background, with specialisation in both family medicine and public health medicine. Nora has Masters in epidemiology and public health, and a PhD awarded from the University of Cambridge funded by Cancer Research UK Training Fellowship in studying the natural history of prostate cancer in the preclinical phase using ProtecT data. Through funding from Cancer Research UK Clinician Scientist Fellowship and EU FP7 (COGS), she has studied the potential utility of genetic profiling for risk-stratification in cancer prevention and screening programmes at population level. Through international collaboration and funding from Genome Canada (PERSPECTIVE), NIH (CISNET-Prostate cancer) and Horizon 2020 (FORECEE), Nora with her collaborators are looking for effective, cost-effective, feasible, acceptable, and accessible risk-stratified screening programmes for prostate, breast and ovarian cancers.

https://iris.ucl.ac.uk/research/personal?upi=NPASH45