



The impact of medical advances and health interventions on longevity and population projections

Thursday 17 May 2018, Staple Inn, London

Objectives

This impact workshop brings together a multidisciplinary circle of professionals, including actuaries, statisticians, medical and public health professionals, insurance companies and governmental bodies. The goal of the workshop is to explore how various wide scale medical advances or health interventions, for example changes in NICE guidelines, may change longevity and therefore necessitate changes in population projections, and a variety of policies and business models, from public health to pensions and insurance products, and what is the role of observational data in assessing these changes.

Chair

Jules Constantinou (President-elect of the IFoA)

Agenda

Timing	Programme	Speakers
09.30 – 10.00	Registration and refreshments	
10.00 – 10.10	Welcome	Jules Constantinou
10.10 – 10.40	<u>Keynote presentation</u>	Professor David Hand (Imperial College, London and past-president of the Royal Statistical Society)
10.40 – 11.00	<u>Big data: the unexpected, the unpredictable, and the unwanted</u>	
	Q&A	
11.00 – 11.15	Refreshments	
11.15 – 11.30	<u>Big Health and Actuarial Data: Overview</u>	Elena Kulinskaya (Lead Principal Investigator, University of East Anglia)
11.30 – 11.50	<u>Big Health and Actuarial Data: Case Study (medical)</u>	Nick Steel (Co-investigator, University of East Anglia)
11.50 – 12.00	Q&A	

12.00 – 12.20	<u>Big Health and Actuarial Data: Case Study (actuarial)</u>	Nigel Wright (Co-investigator, Aviva)
12.20 – 12.30	Q&A	
12.30 – 13.30	Lunch and networking	
13.30 – 14.00	<u>Medical advances and the changing role of real-world evidence</u>	Dr Jacqueline Bouvy (Senior Scientific Adviser, National Institute for Health and Care Excellence)
14.00 – 14.15	Q&A	
14.15 – 14.45	<u>Setting mortality assumptions for the National Population Projections</u>	Sophie Sanders (Senior Research Officer, Office for National Statistics)
14.45 – 15.00	Q&A	
15.00 – 15.20	<u>Recent global mortality trends and their business relevance for insurers</u>	Joseph Lu (Chair of IFoA's Mortality and Research Steering Committee, Legal and General)
15.20 – 15.30	Q&A	
15.30 – 15.45	Refreshments	
15.45 – 16.15	<u>Panel debate and discussion</u>	Dame Karen Dunnell Former Head, Office for National Statistics Clark Rushbrook Department of Health and Social Care Chris Holmes University of Oxford Dr Gordon Woo RMS Consulting Daniel Ryan Swiss Re Institute
16.15 – 16.20	Close	Jules Constantinou
16.20 – 17.30	Wine reception	All

Stakeholders in attendance

- Imperial College London
- University of East Anglia
- Aviva
- National Institute for Health and Care Excellence (NICE)
- Office for National Statistics (ONS)
- Legal and General
- University of Oxford
- RMS Consulting
- Swiss Re Institute
- Government Actuary's Department (GAD)
- PartnerRe
- Royal Statistical Society (RSS)
- SCOR
- Zurich Insurance
- Barnett Waddingham LLP
- International Longevity Centre (ILC)
- National Association for Patient Participation (NAPP)
- Price Waterhouse Cooper (PwC)
- Willis Towers Watson
- Unum Group
- Bupa
- Lloyds Banking Group
- Optum
- British Heart Foundation
- Vitality
- NHS England
- Department of Health and Social Care
- Public Health England
- University College London (UCL)

The impact workshop is supported by

University of East Anglia

Business and Local Government Data Research Centre



How to get to Staple Inn Hall

Staple Inn Hall is on the South Side, in High Holborn, close to Chancery Lane underground station. It has been used as a meeting place by actuaries since 1887, and up until 2012 was the location of the London offices of the Institute and Faculty of Actuaries (IFoA). The Hall and Council Chamber continue to be used by the IFoA as a venue for meetings and events.

Address

Staple Inn Hall, High Holborn, London, WC1V 7QJ.

Public Transport

Staple Inn is best approached from the south side exit of Chancery Lane tube station on the Central Line.

The nearest main line stations are Kings Cross and St Pancras. Staple Inn is within easy walking distance (10 minutes) of Farringdon, CityThameslink and Holborn stations.

Bus routes include numbers: 8, 17, 242, 25, 45, 341, 243, 501, 521

Parking

It is not recommended that you travel to Staple Inn by car as parking facilities are very limited. The nearest NCPs are on Saffron Street, just off Farringdon Road (10 minutes walk from Holborn Gate) and Shoe Lane (5 minutes walk from Holborn Gate).

Bicycles and motorcycles

Please note that there are no facilities for parking bikes or motorcycles at Staple Inn. For details of the locations of free cycle parking, please visit the [Corporation of London](https://www.london.gov.uk/transport-and-roads/cycling) website.