

How to use routine health data for quality improvement & research

When?

Sunday 6 July 2014 to Friday 11 July 2014

Where?

Faculty of Business Economics and Law University of Surrey, Guildford, GU 2 7XH

Open to:

Public, Staff, Students

Surrey Informatics Summer School 2014

The Clinical Informatics and Health Outcomes Research Group of the Department of Health Care Management & Policy invite you to attend their third annual 6 day intensive short course for health care professionals and analysts wanting to work with routine health data to measure quality and improve outcomes.

Context:

Informatics is one of the fastest growing specialisms within the health sector. At its core the insight gained from the analysis of relevant, reliable and timely information enables clinicians, researchers, managers and commissioners to make informed decisions that lead to improved outcomes.

A deep understanding of health informatics is increasingly recognised as essential for those seeking to advance their careers within the health sector.

Course aims:

This course aims to equip you with the skills and knowledge to confidently use routine health data by:

- Learning how to sort, clean, process and describe health data
- Gaining insight into the statistical analysis and modelling techniques used by successful health care analysts
- Using analytical techniques and tools on real world scenarios to generate insights and embed learning
- Sharing your knowledge and experience with participants from across the health care spectrum and globe.
- Learning from highly regarded experts in the field

There are no entry requirements and the course is suitable and flexible enough to accommodate those with little or no statistical experience looking to find pragmatic ways of using data as well as those advanced in analytics seeking to enhance their technical skills.

The course is internationally relevant and has attracted students from Canada, the Middle East, Caribbean, and across Europe, though we use UK centric data in our case studies.

Programme:

The course is intensive and primarily designed for residential students. It commences on the Sunday afternoon and runs through to the following Friday afternoon. The course day is divided into plenary (lecture) sessions; individual computer labs; and "Scenario Based Learning (SBL)" The course culminates in the group presentations on the final Friday of the course. Lunches, drinks and nibbles with evening lectures, course dinner opening and closing dinner are provided as part of the course fee.

Guest speakers and lecturers include:

Professor Simon Jones – Chair in Health Care Management & Policy at the University of Surrey; previously Chief Statistician at Dr Foster Intelligence

Professor Simon de Lusignan -Professor of Primary Care and Clinical Informatics at the University of Surrey; Medical Director of the RCGP Research and Surveillance centre; practicing GP.

Dr Tom Chan – senior research fellow at the University of Surrey; previously worked as a practitioner and manager both in the hospital and the community, managing clinical services as well as research and development activities within the NHS environment.

Prof Graham Cookson - Professor of Economic and Public Policy in the Department of Health Care Management and Policy. An applied econometrician by training, Professor Cookson's interests lie primarily in the economic analysis of public services and public policy, especially within health care.

Dr Mark Joy – senior lecturer at Kingston University.

Dr Neil Munro – guest speaker – practising GP, Associate Specialist in Diabetes, Chelsea and Westminster NHS Trust, London; previously chairman of the Primary Care Diabetes Society

Testimonials:

"It was great... ..I learned so much."

"The team exercise (scenario based learning) really helped me pull together the learning on the course."

"I arrived hardly knowing any statistics and never having used "R" and am amazed how far I have progressed in a week."

"A great campus and venue."

Why Surrey

- Intensive 6 day course minimises disruption to work
- Taught by leading thinkers and practitioners in the field of health informatics
- High quality modern facility in green surroundings, easily accessible by road (7 miles from M25 via A3); train (30 mins from central London); and, air (both Gatwick and Heathrow 40mins)

Pricing & Booking:

Standard: £750

(Includes all lunches, break time teas and coffees, drinks and nibbles with evening lectures as well as course opening and closing dinner.

Residential: £920

(Includes as above as well as en-suite accommodation on campus. Rooms will be allocated on a first-come, first-served basis. If you would prefer to arrange your own accommodation off campus the organising team can provide recommendations to suit a variety of budgets)

Bookings can be made online:

http://store.surrey.ac.uk/browse/extra_info.asp?compid=1&modid=2&catid=17&prodid=155

For more information about the Summer School please contact:

fbevents@surrey.ac.uk