Appendix 1 SHAIPI Unified group meeting details

To be held on Wednesday 16 September 2015
in Room 222 - BHF Glasgow Cardiovascular Research Centre,
University of Glasgow
126 University Place
G12 8TA

Programme

1pm - 1.30pm  Tea, coffee & sandwiches
1.30pm -1.40pm  Welcome & introduction
Professor Alistair Leanord, University of Glasgow
1.40pm – 2.25pm  Workstream 1:
Genomic and Epidemiology platform for HAI
Professor Tom Evans, University of Glasgow
Dr Matt Holden, University of St Andrews
2.25pm – 3.10pm  Workstream 2:
Data linkage and statistical modeling
Professor Chris Robertson, University of Strathclyde
3.10pm – 3.55pm  Workstream 3:
Applied Infection Prevention & Control for existing, re-emergent and emergent HAIs
Professor Jacqui Reilly, Glasgow Caledonian University
3.55 pm – 4pm  Close
Professor Alistair Leanord, University of Glasgow
Registrations @ 11 September 2016

Dr Kay Currie, Reader in Applied Health Research, Glasgow Caledonian University
Prof Chris Robertson, Professor, Strathclyde University
Dr Nicola Roberts, Lecturer, Glasgow Caledonian University
Prof, Marion Bennie, Prof of Pharmacy / Chief Pharmacist, PHI, University of Strathclyde / NHS NSS
Dr Kim Kavanagh, Lecturer, University of Strathclyde
Professor Colin McCowan, Professor of Health Informatics, University of Glasgow
Dr Katarina Oravcova, Postdoc Researcher, University of St Andrews
Dr Sue Lang, Senior Lecturer, Glasgow Caledonian University
Professor Jacqui, Reilly, Lead Consultant, Health Protection Scotland
Dr Robin Young, Statistician, Robertson Centre, Glasgow University
Dr Kerry Pettigrew, Research assistant, University of St Andrews
Dr Jiafeng Pan, Research Assistant, University of Strathclyde
Ms Valerie Ness, Lecturer, Glasgow Caledonian University
Professor Stephen Gillespie, Sir James Black Professor of Medicine, University of St Andrews
Mr Martin McHugh, Clinical Scientist, NHS Lothian
Dr Martina Messow, Statistician, Robertson Centre for Biostatistics
Dr Matthew Holden, University of St Andrews
Professor Tom Evans, Professor of Molecular Microbiology, University of Glasgow
Dr Charis Marwick, Senior Clinical Academic Fellow and ID Consultant, University of Dundee and NHS Tayside
Mrs Lynn Melone, Researcher, Glasgow Caledonian University
Ms Lynne Gilifillan, Research Administrator, Glasgow Caledonian University

Appendix 2 SHAIPI Annual meeting

From the International Advisory Group Invitations, Alison Holmes, Bill Hanage, and Hajo Grundmann have agreed to join the group and have sent details of their availability in March/April 2016. Responses Daniela diAngelis and Michael Borg are being pursued and it'd be helpful to know if anyone has a contact who could help move things along!

Appendix 3 Recruitment

Two candidates have been appointed to the posts of research fellows at the University of Glasgow – Stephen Fox will start on 5 October 2015 and Cosmika Goswami on 1 December.

Appendix 4 SHAIPI Implementation Group workstream progress

Work Stream 1 University of St Andrews Report from mid July 2015

Activity

The paper work for a PhD studentship (Martin McHugh) is being completed and it is anticipated that he will start in October. The PhD will be part time and will focus on VRE. Discussion with Gabby Philips and Tim Walsh have occurred and a project is being designed that will link up work at Dundee and Lothian, where Martin works as a clinical scientist.

Prince Agyirey-Kwakye, a part time PhD student at St Andrews, and Specialist Biomedical Scientist, working with Keith Morris in Kirkcaldy is putting together a request form for the near real time sequencing (nRTS) at St Andrews. This form will capture essential data for processing and epidemiological analysis of isolates, and
Meetings:

27th July, NHS NSS Glasgow, with Jacqui Reily and her team and John Coia to discuss t005 outbreak analysis.

28th July, St Andrews, WS1 implementation meeting.

3rd of September, Scottish Intensive Care Society Audit Group (SICSAG) annual meeting, Glasgow, presentation introducing SHAIPi and flagged up the potential for collaborations.

Sequencing and analysis:

Collection 1
A collection of 15 retrospective vancomycin resistant enterococci (VRE) from Ninewells, Dundee (Ben Parcell, Gabby Philips) has been sequenced. The collection comprises of 5 environmental isolates from March 2011 and 10 patients’ isolates collected between February and November 2011 in different wards.

Collection 2
A collection of 16 Group A streptococci (GAS) isolates sent from the Scottish Haemophilus, Legionella, Meningococcus, Pneumococcus Reference (SHLMPR) Laboratory in Glasgow was sequenced. All isolates were associated with an outbreak of soft tissue infection and come from different body sites of male and female patients injecting legal highs. All isolates but one are the same M-type, emm 76. Also linked to this outbreak are a collection of S. aureus isolates that have yet to be sequenced.

Collection 3
Five GAS isolates from Victoria Hospital, NHS Fife, Kirkcaldy (Keith Morris) were sequenced. The isolates were associated with necrotising fasciitis where one case was fatal. No further information about these isolates has been provided.

Collection 4
Three E. coli ESBL isolates from a nursing home in Aberdeen were received (17/08/2015; Ben Parcell) and are to be sequenced. The isolates come from urine of three female patients. No further information about these isolates has been provided.

Work Stream 2 University of Strathclyde Report:

The investigators for the informatics workstream met in Dundee on the 31 July.

Work has started on the risk prediction for community acquired CDiff using the SIRN/CSO data

Work underway to begin discussions with ISD about data availability and data cost and reuse of the Infection Intelligence Platform Data

CDiff sequencing (also from SIRN/CSO funded project) is ready and analysis plans will be drawn up.

The plan for this work is to spend the first years understanding the epidemiology of the infections and the development of initial risk prediction models using currently available data. Subsequent years will consider the addition of new data.

A point that we discussed at length, which is relevant for the other workstreams revolved around the ownership of and access to the data.
Work Stream 3 Glasgow Caledonian Report:

- Recruitment complete. All researchers (n=3) and PhD students (n=2) will be in post by October.
- Work plan for year 1 of WS3 on AIPC has been initiated.