



Regional Intelligence Analysts Network

Launch Event

Exeter Racecourse
27 April 2017



South West
Academic Health
Science Network

Regional Intelligence Analysts Network

Caroline Powell

Director of Intelligence
(SW AHSN)

- Welcome and introductions
- Housekeeping
- Your feedback
 - Your Big Ideas
 - Evaluation forms
- Structure of the day



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@sw_ahsn #RIAN



Structure of the day

- 10:30 – 11:30 Why we are here today, including survey findings.
- 11:30 – 12:00 Refreshment break
- 12:00 – 14:00 Learning from Practice and networking lunch

Learning from Practice and Networking Lunch			
12:00	An opportunity to learn more about the tools and techniques being developed across the South West		
	MASHnet Simulation and modelling	AphA Health analytics.	Quality Improvement 'Life' the Model for Improvement
	RADAR A business intelligence tool	PenCLAHRC Applied health research	SW AHSN GP-WAT
	Networking lunch from 12:30		

- 14:00 – 15:00 Training Taster Sessions

Training Taster Sessions			
Training and development taster sessions. Each session lasts 15 – 20 mins. Delegates rotate to attend each session			
14:00	Measurement for Improvement SW AHSN Richard Blackwell	Frailty Risk Stratification and Mapping Devon County Council, Public Health Simon Chant	Modelling and Forecasting PenCHORD Daniel Chalk

RIAN: Aims and Objectives

Linzi Lancaster

Information Services Manager
Royal Cornwall Hospitals Foundation
Trust

Kelvin Grabham

Deputy Director of Business Intelligence
Northern Eastern and Western Devon
CCG

- Context
- Look to the future
- Our ambition

RIAN: Aims and Objectives

- Context
 - Current training provision
 - Sharing learning
 - Analysis or data processing?
 - How to develop skills for now & for the future?

RIAN: Aims and Objectives

- Look to the future

Clive Humby

“Data is the new oil. It’s valuable, but if unrefined it cannot really be used. It has to be changed into gas, plastic, chemicals, etc to create a valuable entity that drives profitable activity; so must data be broken down, analyzed for it to have value.”

RIAN: Aims and Objectives

- Look to the future
 - NHS Five Year Forward View
 - STP footprints, Vanguard, ACS's
 - Supporting Decision Making
 - Reducing Budgets
 - Up-skilling our Teams

Analysts Needs Assessment

Caroline Powell

Director of Intelligence
SW AHSN

Anna Coltman

Project Manager - Intelligence
SW AHSN

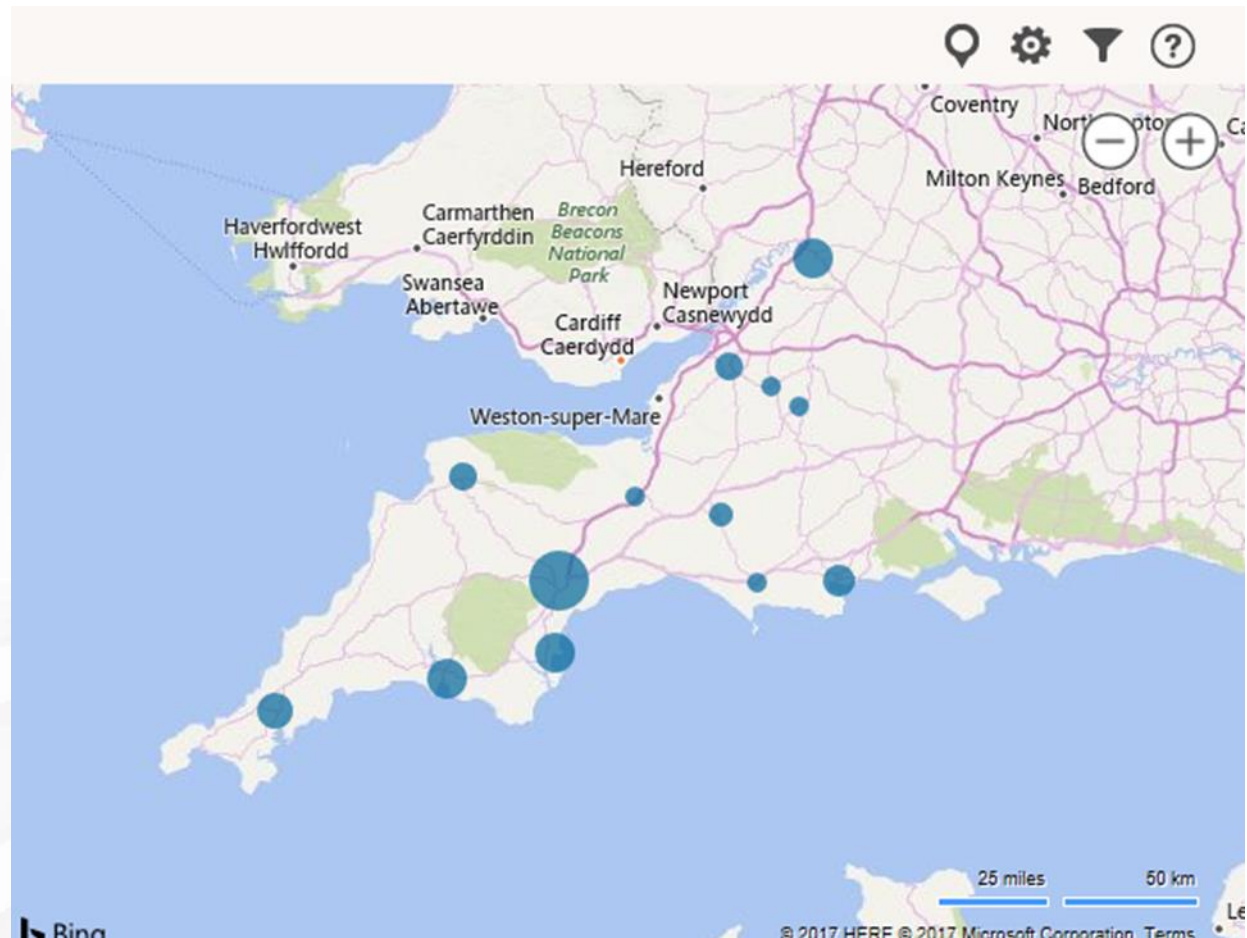
- Needs Assessment - December 2016 – February 2017
- SW AHSN and AphA with PenCHORD/PenCLAHRC, working in collaboration to explore the training needs of health and care data analysts.
- 115 responses



Survey responses by location

Location	Count
Bath, Somerset	1
Dorchester, Dorset	1
Trowbridge	2
Plymouth	14
Poole	9
Taunton, Somerset	1
Gloucestershire	12
Barnstaple	7
Yeovil	4
Treliske	11
Exeter	23
Torquay	12
Bristol	6

Organisation	Count
Foundation Trust (Ambulance)	2
NHS Foundation Trust (Community)	1
Public Health	3
Local Authority	3
National Institute for Health Research (NIHR)	1
NIHR CRN SWP	1
Mental Health Partnership	5
NHS Improvement	3
NHS Trust (Community)	8
Acute Trust	55
CCG	27
CSU	5



Analysts Needs Assessment Findings

Caroline Powell

Director of Intelligence
SW AHSN

Anna Coltman

Project Manager - Intelligence
SW AHSN

- Good level of expertise in Excel and Databases – these are valued as core skills.
- Skills/knowledge gaps in **forecasting**, **(Q)GIS**, **SQL** and **SPC** charts.
- Analysts would welcome an active network/forum
- Regional health and care data experts willing to assist delivery

Survey feedback



Training based on techniques which have made tangible improvements and efficiencies

Support analytics engagement with operational teams; report narratives and the correct mechanism for presenting it.

A decent web resource with links to training, or specific training videos and other useful information

If the network itself provides expertise then costs should be minimal



What are we going to do?

- Further work to shape and expand RIAN during 2017
 - Focus on core skills, key datasets and their analysis
 - Local expertise – use and share the knowledge we already have within our community
 - Gather and disseminate information on existing training/courses and signposting to resources
 - Utilise forums already available for knowledge sharing
 - Facilitate active engagement
- Gaining support from you and your organisation
 - Release analysts to train/learn
 - Identify opportunities to apply new skills and knowledge

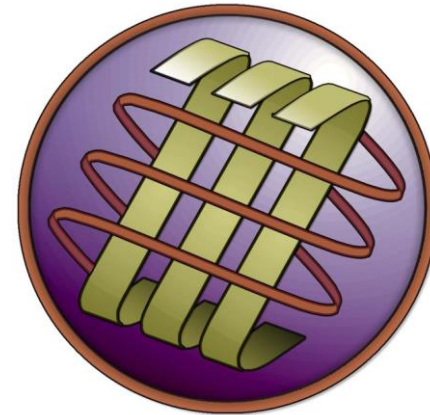


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The UK Modelling and Simulation in Healthcare Network

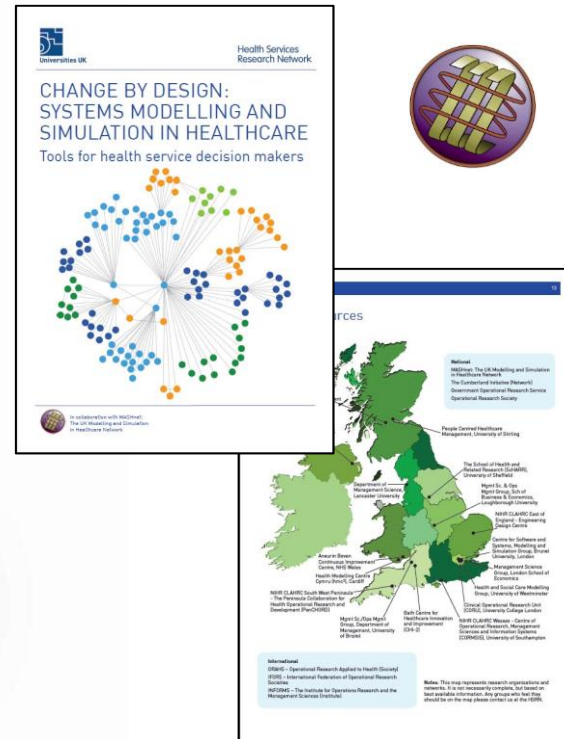
www.mashnet.info



Martin Pitt

Director of Peninsula Collaboration for
Health Operational Research &
Development (PenCHORD).
Director of MASHnet

- National Networks
- MASHnet
- InterCLAHRC OR
- Health Foundation
- NHS England
- HSRN
- Cumberland Init.
- Assn. Prof. Health Analysts
- Etc etc



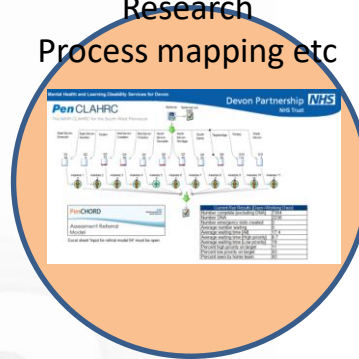


Integration and Engagement

Analysis
Business Intelligence
Big Data/Analytics



Modelling/Simulation
Operational
Research
Process mapping etc



Quality Improvement
Implementation
Science
Evaluation



PenCLAHRC

The NIHR CLAHRC for the South West Peninsula

PenCHORD

NHS

National Institute for
Health Research

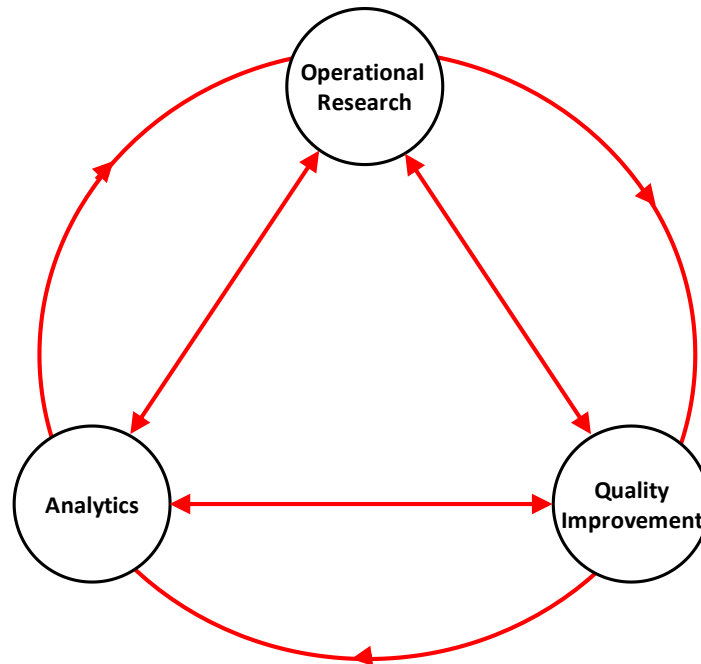
AN-OR-QI in the UK



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PLETHORA Project – Planning for Effective Transformation of Healthcare using Operational Research and Advanced Analytics

- 1 May 2017 – 30 June 2018
- Bringing together Health services, Research, Commercial communities to plan better use of Analytic and OR tools
- Supports both local/regional and national (UK) initiatives
- Providing resources and spreading best practice
- Four Working Groups
 - Capacity and Capability building in the NHS
 - Modes of Engagement (research/NHS communities)
 - Profile and representation
 - Conference Events

NHS Improvement perspective

Paul Stroner

Deputy Director of Information and Analytics,
NHS Improvement and AphA Chairman

- You cannot improve what you cannot measure
- Do nothing is not an option
- Education, Training and Collaboration are paramount
- To be treated like a profession we need to behave like one
- Without analytics you are just another person with data and an opinion
- Communities of practice and excellence are the way forward



Thank you

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www.swahsn.com

✉ info@swahsn

🐦 [@sw_ahsn](https://twitter.com/sw_ahsn)

11:30 – 12:00

REFRESHMENT BREAK

14:00 – 13:00

TRAINING TASTER SESSIONS

1. Measurement for improvement (Haldon Room, upstairs)
2. Risk Stratification and mapping (Denman room)
3. Modelling and forecasting (Denman room)

15:00 – 15:30

FEEDBACK
AND
NEXT STEPS

Closing Remarks

Caroline Powell

Director of Intelligence
SW AHSN

Martin Pitt

Director of PenCHORD and founder of
MASHnet



Thank you

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