NHS Digital Academy
Experience and Advice from Cohort 1

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Agenda

1. Overview of the NHS Digital Academy
2. Participant Workplace Projects
3. Highs and Lows
4. How to be a part of the NHS’ digital transformation
5. Q&A
People > Technology
Modular programme structure, covering the health system, informatics and leadership and change management

Module 1: Essentials of health systems

Module 2: Implementing transformational change

Module 3: Health information systems and technologies

Module 4: User-centred design and citizen-driven informatics

Module 5: Decision-support, knowledge-management and actionable data analytics

Module 6: Leadership and transformational change
**MODULE 1**
Essentials of health systems
**module dates:**
25 Apr - 12 Jun 2019

**MODULE 2**
Implementing transformational change
**module dates:**
20 Jun - 28 Aug 2019

**MODULE 3**
Health information systems and technologies
**module dates:**
29 Aug - 5 Nov 2019

**MODULE 4**
User-centred design and citizen-driven informatics
**module dates:**
14 Nov - 18 Dec 2019
2 Jan - 5 Jan 2020

**MODULE 5**
Decision support, knowledge management and actionable analytics
**module dates:**
6 Feb - 8 Apr 2020

**MODULE 6**
Leadership and transformational change
Taught through the four in-person residential courses.
Final submission due 17 Apr 2019

**WORKPLACE PROJECT**
Applying your learning
runs parallel to all modules
Apr 2019 - Apr 2020

**residential 1:**
10 Apr - 12 Apr 2019

**residential 2:**
12 Jun - 14 Jun 2019

**residential 3:**
6 Nov - 8 Nov 2019

**residential 4:**
between 29 Jan - 5 Feb 2020
(one day regional residential, specific dates for each location TBC)
Sarah Thompson

Who?

- Currently Head of EPR Clinical Deployment at Stockport NHS Foundation Trust
- Pharmacist by background, specialised in EPMA implementation since 2011 working on both NHS and supplier side
- Now wider remit of implementing all clinical elements of EPR at Stockport

Why?

- Professionalisation and career development of my clinical informatics work
- Ambition to become CCIO
- Networking and learning from others
- Ideal timing with Trust EPR implementation
- Promotion of Pharmacists, AHPs and Nurses within Digital Health
Workplace Project

Title
Paperless Emergency Department at Stockport NHS Foundation Trust; Digital transformation from an in house bespoke system to a single supplier EPR

Aims
• Background on digital developments at Stockport
• EPR implementation
• Ultimate aim is to reduce the number of systems and logins that staff require, and keep to an overarching principle of simplification and standardisation of processes
Workplace Project

Objectives

• Consolidate digital clinical information for emergency patients into one comprehensive EPR system. One system, one record with only one login;

• Streamline current clinical and administrative processes in the Emergency Department to enable standardisation of care;

• Embed a system with comprehensive decision support to guide and support clinicians with best practice;

• Enhance information sharing across local health and social care economies supporting seamless patient care.
Workplace Project

Expected Outcomes

• One system in ED for majority of clinical and administrative activity;
• Releasing time to care for all clinical staff;
• Updating mobile devices;
• Standardised care pathways underpinned by best practice;
• Informed workforce supported by comprehensive patient information at their fingertips.
Zainab Hussain

Who?
- Lead Pharmacist – Clinical Informatics at Lewisham and Greenwich NHS Trust and Consultant Pharmacist – Clinical Informatics at King’s College Hospital in Dubai (UAE)
- Experience of implementing Electronic Prescribing and Medicines Administration at Imperial College Healthcare NHS Trust and automated closed-loop medication processes in Middle East hospitals

Why?
- Evaluation and research into user-centred design and medication safety benefits in early career;
- Interested in efficiency through technology, reducing duplication and increasing time to care through automation of manual tasks;
- Keen to ensure clinical informatics is recognised as a profession, and highlight the contribution of non-medical professionals in digital transformation;
- Networking opportunities with wide group of senior digital leaders across England and Scotland.
Title
Implementation of Electronic Prescribing and Medicines Administration (EPMA) at Lewisham and Greenwich NHS Trust

Aims
• To implement Electronic Prescribing and Medicines Administration (EPMA) functionality by March 2019;
• To improve patient safety and reduce incidence of prescribing and administration error;
• To automate medicines use reporting and improve access to data for commissioning, clinical audit and financial purposes;
• To analyse medicines use across Lewisham through the Population Health analytics platform for longitudinal studies and proactive care delivery;
• To improve access to data for care providers across South East London through shared care records (Connect Care in Lewisham, Greenwich and Bexley and Local Care Record in Lambeth, Southwark and Bromley)
• To provide patients with the ability to view electronic discharge summaries via an online integrated portal
Workplace Project

Objectives

• Configure functionality to enable or improve prescribing and medicines administration practices;
• Engage clinicians through effective communication and user-focused events;
• Assure safety of the system through rigorous technical and clinical testing;
• Train and support at least 95% of prescribers, pharmacists and nursing staff on the use of the EPMA system;
• Measure pre- and post-implementation quality measures for benefits realisation and identify areas for further optimisation;
• Bridge language and knowledge gap between the clinical body and the IT department.
Workplace Project

**Expected Outcomes**

- Digital transformation across the entire organisation;
- A reduction in medication error and medicines-associated preventable harm;
- An improvement in missed and delayed doses;
- Improved adherence to clinical guidelines utilising electronic prescribing protocols;
- An engaged clinical body with an improved relationship with IT;
- An improved awareness of my digital leadership style, with an understanding of my strengths and areas for improvement as Clinical Informatics lead at the Trust;
- Lessons learned that will inform the delivery of future digital programmes;
- Raise the profile of qualified clinical informaticians and digital health leaders from medical and non-medical backgrounds across the NHS.
Highs and Lows

**Highs**
1. Ability to apply learning at work almost immediately and affect change
2. Co-creating and shaping the programme as Cohort 1 has been rewarding
3. Cohort 1 is full of really talented individuals who will readily share ideas, solutions and connections

**Lows**
1. It’s a lot of work! BUT really valuable and hugely beneficial to individuals and organisations
Applications Open for Cohort 2

www.england.nhs.uk/digitaltechnology/nhs-digital-academy/

Deadline for applications 26th Oct 2018

Successful applicants notified 3rd Dec 2018

Onboarding with NHS Digital Academy 25th Feb 2019

Programme commences with 3 day residential 10th April 2019
Questions?

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