Faculty of Clinical Informatics

Annual Scientific Conference

Patient Data – Artificial Intelligence – Digital Training

Thursday 16th June 2022         Virtual Conference

Speakers include:

Dr Natasha Phillips  
National  
Chief Nursing  
Information Officer  
NHS England

Dr Julian Brown  
GP & Eclipse Clinical Lead  
National Medicines  
Optimisation Service (NMOS)

Professor Bob Wachter  
Chair Dept of Medicine, University of California, San Francisco
Faculty of Clinical Informatics

Annual Scientific Conference

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This year the 2022 FCI Scientific Conference is focused on two key themes;
1) Data in Healthcare: The dilemmas of ownership, confidentiality, and cybersecurity;
2) Clinical AI in the NHS: What is going on now?

Confirmed speakers to date are -
Justin Whatling, Palantir Technologies
Phil Booth, medConfidential
Astrid Grant, Digital Health Transformation
Julian Brown, National Medicines Optimisation Service (NMOS)
Sue Turner, AI Governance Limited and Chair of Trustees, Faculty of Clinical Informatics
Giuseppe Sollazzo, AI Skunkworks & Deployment, NHSX

Prof Bob Wachter, University of California, San Francisco has agreed to be our International Guest Speaker and he and Rachel Dunscombe, NHS Digital Academy Leadership Programme and Principal at Tekology will be discussing “Do All Informaticians now need a ‘Driving Licence’ for Health Informatics? “

In addition we will be providing presentations from the 12 best submitted abstracts as podium presentations and over 30 ePosters highlighting the best of the research work in digital health emanating from our researchers innovating at the front line.

Please join us for this exciting programme in June 2022.

Angus Wallace, Chair, Events Organizing Committee, Faculty of Clinical Informatics UK (2019-23)

Follow the conference on Twitter #UKFCI2022

Delegates attending the 2021 event said -

“This was an excellent conference maintaining high quality throughout. I don’t think that there was a single session that was not engaging and providing learning - including topics that I would not normally seek out. A lot of energy and enthusiasm - great to see especially considering the effects of pandemic + lockdown. If would be fantastic if FCI can maintain this very high standard.”

“Having experienced what other people are doing in regards with Artificial Intelligence (AI), CDS and how IT was used in Covid-19 response it gave me a better idea about how to successfully approach potential healthcare challenge, while at the same time avoid failures.”

“It is inspiring to hear all the work that clinical informaticians around the world have been doing.”

“Good showcase of what is possible and opportunity for those just starting out to begin to bond...Great work remains to be done, and we need conferences like this to build and restore the faith that it is possible.”

“It has both broadened and deepened my knowledge across all aspects of clinical informatics and AI.”

Visit our website www.facultyofclinicalinformatics.org.uk    tel 020 74516797 #UKFCI2022

For conference bookings & enquiries please call 01932 429933 or visit www.healthcareconferencesuk.co.uk
08.30 - 09.30 The Dilemmas of Ownership, confidentiality, and cybersecurity

08.35 The role and importance of Digital Information for Nursing in the NHS

Dr Natasha Phillips  
National Chief Nursing Information Officer  
NHS England

08.50 What is the role of the public in opening up NHS data to wider uses in life sciences?

Discussion Leads
Dr Justin Whatling  Managing Director  
Global Health and Life Sciences Palantir Technologies  
Phil Booth  MedConfidential

Considering public trust in a time of politics and what constitutes trustworthy governance, what are the opportunities enabled by informatics and for 21st Century institutions because technology only gets you so far... 'We Need To Talk About Data'.

09.25 Panel Discussion and Q&A

All speakers from the first session

09.35 Short Comfort Break

09.40 - 10.30 Instructional Courses

Instructional Course 1
Implementing the Core Competency Framework Course

Speakers:
John Williams  FFCl, FCI Trustee  
Alan Hassey  FFCl, Chair, FCI Education and Standards Standing Committee  
Lorenza Giannella  Education and Training Lead, FCI

This session from the Education & Standards SC will provide an update on the key tasks coming out of the Competency Framework Working Group Report and the membership survey supporting our professionalism agenda, with examples from specific projects.

Instructional Course 2
Developing the Nursing Informatics Profession

- Data analytics and the use of nursing and midwifery data  
- Nurses and Midwives in the design and development of digital services, using examples of the implementation of virtual wards during the Covid-19 pandemic  
- The plan for informatics education and building capacity and capability with the nursing and midwifery profession

Instructional Course 3
Digital developments in the AHP domain

Chair
Alex Wilson  
Head of HealthTech  
Surrey and Borders Partnership NHS Foundation Trust

- Using AI to digitally manage diabetes – how it works  
- How this is being applied to other patient pathways

10.30 Guest Lecture

Dr Julian Brown  
GP & Eclipse Clinical Lead  
National Medicines Optimisation Service (NMOS)

11.10 Discussion followed by Comfort Break, Virtual Exhibition and Networking

Break will include Supplier Showcases
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<td>11.40</td>
<td>Chair</td>
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<tr>
<td>11.40</td>
<td>Project focus</td>
<td>Nishita Gadi</td>
<td>Medical Student, Faculty of Digital Health; Nuffield Department of Surgical Sciences, University of Oxford</td>
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<tr>
<td>11.50</td>
<td>The Documentation of Allergy across Electronic Systems for patients presenting to Emergency Departments in Leeds</td>
<td>Jack Bennett and Madeleine Salter</td>
<td>Medical students (4th year), University of Leeds</td>
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<td>12.00</td>
<td>Development and evaluation of a machine learning model to predict urinary tract infections in outpatients and minimize the use of antibiotics</td>
<td>Farah E Shawmut</td>
<td>Assistant Professor; New York University Abu Dhabi</td>
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<td>12.10</td>
<td>Evaluation of MaST (Management and Supervision Tool) to support NHS Community mental health teams in identifying Risk of Crisis and Complexity across caseloads</td>
<td>Caroline Gadd</td>
<td>Director, Holmusk</td>
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<td>12.20</td>
<td>Questions and Answers on ePapers 1-4</td>
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<td>12.30</td>
<td>Lunch Break, Virtual Networking, Questions with ePoster Presenters</td>
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<td>13.43</td>
<td>Building AI expertise and capabilities</td>
<td>Giuseppe Solazzzo</td>
<td>Head of NHS AI Sunckwork The AI Skunkworks was set up to provide AI expertise and improve the capability of health and care workers in adopting and experimenting with data-driven technologies by running short projects that look at how to address local needs by developing AI-driven solutions. In this session, Giuseppe Solazzo, Head of AI Skunkworks and Deployment at the NHS AI Lab will outline what has been learnt so far through these projects and what it means for how health and care organisations build, buy, deploy and challenge AI solutions.</td>
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<td>13.56</td>
<td>Clinical AI: successes and failure</td>
<td>Jeremy Wyatt</td>
<td>FCI AI SIG</td>
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<td>14.10</td>
<td>Panel Discussion with Questions and Answers</td>
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14.30 Chair

14.30 Usability and acceptability of wearable technology in the early detection of dementia
Sarah Wilson
Research Assistant, Newcastle University

14.40 A Quality Improvement Project to assess the functionality and safety of the current medical referral process and to develop a safer and more usable referral and patient tracking system
Helen Craggs
Clinical Fellow, Royal Bolton Hospital

14.50 Woubot and TRUST4Health; predictive personalised AI tools for front line clinicians
Elaine Taylor-Whilde
CEO, Nine Health Global Ltd

15.00 The limitations of using commercial wearable activity trackers, such as FitBits, for the clinical monitoring of patient activity levels
Olivia Curtis
Clinical Research Fellow, Royal Marsden Hospital

15.10 Questions and Answers on ePapers 5-8

15.20 - 15.30 Comfort Break

15.30 - 16.20 Instructional Courses

Instructional Course 4
What does the adoption of AI mean in practice for the healthcare workforce
Chair:
Ele Harwich
Head of AI Collaborations, NHS AI Lab
As the scale of adoption of AI-driven technologies accelerates, health and care professionals will need to be empowered to make the most of these new tools. It will also be crucial that we develop the appropriate levels of confidence in AI amongst the workforce so that these technologies are used safely and ethically. In this session you will hear from those with first hand experience of adopting and using AI-driven technologies in their organisations about the impact they have had on the way they deliver care, as well as the work to develop HEE’s skills and capabilities framework which will support the upskilling of the workforce.

Instructional Course 5
What digital support is needed now for GPs

Instructional Course 6
Building a multi professional clinical informatics team for health and social care
Chair:
Anne Marie Cunningham
Vice Chair, FCI Council, Associate Medical Director (Primary Care), Digital Health and Care Wales
Speakers:
Christopher Tack
AHP Information Officer, Guys and St Thomas' NHS Foundation Trust
Sara Nelson
Deputy Chief Nursing Officer, NHSEI
Sarah Thompson
CCIO, Stockport NHS Foundation Trust
Doug Stewart
Director of Health & Chief Clinical Officer SABP Digital Health
Mark Nicholas
Chief Social Worker and Social Care Lead, NHS Digital
To achieve the digital transformation required in health and social care it is vital to have the right people in place, working together, to deliver change. Building multi professional teams based on competencies, and a culture of ongoing professional development, ensures the whole team has the breadth of knowledge and the capabilities required to meet the demands. In this session we will explore the challenges that individuals and organisations are facing in their clinical informatics teams, & real-life experiences that have led to success.
### 16.20 - 17.10  Scientific ePaper Presentations 9-12

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<thead>
<tr>
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<th>Title</th>
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| 16.20 | Free text notes added to a patient’s allergy status in Electronic prescribing systems digitally analysed for better usability | Ben Logan  
Clinical Informatics Pharmacist, St. Helens and Knowsley Teaching Hospitals |
| 16.30 | Healthcare staff perceptions on using artificial intelligence predictive tools: A qualitative study | Nehal Hassan  
PhD researcher, School of Pharmacy, Newcastle University |
| 16.40 | Evaluation of a telemedicine model to deliver cataract care using imaging technology instead of traditional F2F pathways | Pei-Fen Lin  
Consultant Ophthalmologist, Moorfields Eye Hospital |
| 16.50 | Reduction of Order Alerts through Filters: Impact on Pharmacists’ Override Rate and Perceptions of Alert Fatigue | Daniel Chan  
Pharmacist, North York General Hospital (Toronto, Ontario, Canada) |

### 17.00  Questions and Answers on ePapers 9-12

### 17.10  International Prestigious Lecturer

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| Prof Bob Wachter | Chair Dept of Medicine, University of California, San Francisco  
In Conversation with Rachel Dunscombe  
NHS Digital Academy Leadership Programme and Principal Tektology |

- Do All Informaticians now need a ‘Driving Licence’ for Health Informatics?

### 17.40 - 17.50  Presentation from FCI Chair & ePaper/ePoster Awards

### 17.50  Meeting Close
Digital Health Safety Matters: Early insights from a promising practice study in Australia
Melissa Andison
Associate CCIO
Surrey and Borders Partnership NHS Foundation Trust

Discovering an accessible YOUniverse; Achieving autonomy & breaking barriers through codesign
Rebekah Davies
Digital Clinical Transformation Manager
NHS England and Improvement

The data literacy learning and development needs of occupational therapists
Suzy England
Professional Adviser in Health Informatics
Royal College of Occupational Therapists

A friendly accessible description of The “L-test” – measuring (dis)information in incomplete incident reporting
Dr Keith Reid
Associate Medical Director; Doctoral Student; Visiting Fellow; Consultant Forensic Psychiatrist; Software Developer
CNTW NHS Foundation Trust; Northumbria University.

An evaluation of OT focused digital assessment and deployment for patients established it is urgently required but overwhelmed by different competency frameworks
Alicia Ridout
Director/Independent Occupational Therapist
Involve Me Digital Health Ltd

Electronic recording of Patient Observations with safety functionality in the Electronic Health Record (EHR) for the Children’s Hospital at in Leeds
Michelle Sykes
Senior Project Nurse
and Samuel Smales
Project Support Officer
Leeds Teaching Hospitals Trust
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Virtual Conference

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Instructional Courses Choices - Please tick one stream/workshop per time slot

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<th>Course 3</th>
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<td>09.40 - 10.30</td>
<td>Core Competency Framework</td>
<td>Nursing Informatics</td>
<td>Social Media &amp; AHPs</td>
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<tr>
<td>15.30 - 16.20</td>
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<td>Digital support for GPs</td>
<td>Building a multi professional clinical informatics team</td>
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Venue
This virtual conference will include access to the virtual event on zoom plus the landing page which will provide you with the full conference experience from your workplace or home.

Conference Fee
- £100 + VAT (£120.00) for FCI Members
- £180.00 + VAT (£216.00) for Non Members
- £250.00 + VAT (£300.00) for Commercial Organisations
- £90.00 + VAT (£108.00) for Students
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Conference Organisers.

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Exhibition
If you are interested in exhibiting at this event, please contact Carolyn Goodbody on 01932 429933, or email carolyn@hc-uk.org.uk

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