Nursing, Genomics and Healthcare
27 - 29 April 2020
Wellcome Genome Campus, UK

Draft Conference Programme

Monday, 27 April

11:30-12:50 Registration with lunch

12:50-13:00 Welcome and introductions
Programme Committee

13:00-14:00 Keynote lecture
Genomic Health Care; where we are and possible futures
Christine Patch
Genomics England, UK

14:00-15:30 Session 1: Driving and Measuring Change

14:00 Global Minimum Genomic Nursing Competencies and the Maturity Matrix-ASIGN (Assessment of Strategic Integration of Genomics Across Nursing)
Emma Tonkin
University of South Wales, UK

14:30 Roadmap for Increasing Genomic Nursing Competency
Kathleen Calzone
National Cancer Institute, USA

15:00 Genetic professional skills performance in nursing: Results from a large cohort of Israeli nurses
Sivia Barnoy
Nursing, Tel-Aviv University, Israel

15:15 Mind the Gap: A Professional Organization's Approach to Bridging the Genomic Educational Gap for Oncology Nurses
Elisabeth King
City of Hope, USA

15:30-16:00 Afternoon Tea
16:00-17:30  
**Session 2: Genomic Implementation**  
*Chair: Christine Patch*

16:00  
Genomics and Precision Health in 2020  
*Greg Feero*  
*Maine-Dartmouth Family Medicine Residency, USA*

16:30  
Training in Genomics: Primary Care and the Gen-Equip Initiative  
*Leigh Jackson*  
*Exeter University, UK*

17:00  
Building a Decision Support Tool Via Mobile Application for Integration of Dosing Guidelines and Education on Pharmacogenetic Testing  
*Crystal Dodson*  
*UNC-Wilmington, USA*

17:15  
Application of Genomics – Pre-implantation Genetic Testing (PGT) among IVF patients in Hong Kong (2015-2019)  
*Yuen Yee Ng*  
*Hong Kong Sanatorium & Hospital, Hong Kong*

17:30-18:00  
**Lightning talks**

18:00-19:30  
**Poster session 1 (odd numbers) with drinks reception**

19:30 prompt  
**Buffet dinner**

19:30  
**Cash bar**

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**Tuesday, 28 April**

09:00-10:30  
**Session 3: Leadership: Growing Genomic Nursing Integration from Scratch**  
*Chair: Memnun Seven*

09:00  
Genomics Education in Nursing in Hong Kong, Taiwan, and Mainland China  
*Sek Ying Chair*  
*The Chinese University of Hong Kong, China*

09:30  
From little things, big things grow  
*Jane Maguire*  
*University of Technology Sydney, Australia*

10:00  
Advanced Practice Nurse in Cancer Genetics Counseling: Proposal of a new role in Brazil  
*Erika Santos*  
*Beneficência Portuguesa de SP (BP), Brazil*
10.15 Reinvigorating nursing and genomics in Canada
   Sarah Dewell
   University of Calgary, Canada

10:30-11:00 Morning coffee

11:00-12:30 Session 4: Genomic Education
   Chair: Sek Ying Chair

   11:00 The African Genomic Medicine Training Initiative (AGMT): Showcasing a Community and Framework Driven Genomic Medicine Training for Nurses in Africa
   Vicky Nembaware
   African Genomic Medicine Training Initiative, South Africa

   11:30 Primary Care and Genomics: Challenges in Educating the Workforce
   Patricia Brennan
   Samuel Merritt University, USA

   12:00 An Evidence-Based Approach to Genomic Nursing Education
   Linda Ward
   Clemson University, USA

   12:15 Using a family perspective to integrate genomics into nursing curricula
   Marcia Van Riper
   University of North Carolina-CH, USA

12:30-14:00 Lunch

14:00-15:30 Session 5: Exemplars in Genomic Practice Integration
   Chair: Erika Santos

   14:00 Method for Introducing a New Competency (MiNC): Genomics Exemplar
   Laurie Badzek
   Penn State University, USA

   14:30 Exemplar Strategy for the Integration of Genomics into Nursing Healthcare Policy, Education, and Practice
   Janice Sigsworth
   Imperial College NHS H.care Trust, UK

   15:00 Beyond MiNC: A Health System Journey to Integrating Genomics into Nursing Practice
   Pamela Edwards
   Duke University Health System, USA

   15:15 PROFITU - genetics to health care project
   Arja Halkoaho
   Tampere University of Applied Sciences, Finland

15:30-16:00 Afternoon tea
16:00-17:30  
**Session 6: Public, Patient, and Family Expectations of Genomics and the Healthcare Workforce**

16:00  
The Road to Wellness: Expectations of Genomics and the Healthcare Workforce  
*Candace Henley*  
*Blue Hat Foundation, USA*

16:30  
Developing genomic education for primary health care workers  
*Martina Cornel*  
*Dutch National Patient Alliance for Rare & Genetic Diseases, The Netherlands*

17:00  
Nurses + design thinking: An approach to reducing genomic health disparities  
*Andrew Dwyer*  
*Boston College, USA*

17:15  
Investigating patient-provider and patient-family communication in hereditary cancers: the COACH study  
*Carla Pedrazzani*  
*University of Basel, Switzerland*

17:30-18:00  
**Lightning talks**

18:00-19:30  
**Poster session 2 (even numbers) with drinks reception**

19:30 prompt  
**Silver service conference dinner**

19:30  
**Cash Bar**

**Wednesday, 29 April**

09:00-10:30  
**Session 7: Policy, Regulation and Collaboration**  
*Chair: Kathleen Calzone*

09:00  
A Kaleidoscopic View of Global Genomic Nurse Credentialing  
*Julie Eggert*  
*NPCG President, USA*

09:30  
Driving Practice Through Policy  
*Mark Radford*  
*Health Education England, UK*

10:00  
The nurses’ role in mainstreaming genetic testing for Inherited Cardiac Conditions in the United Kingdom  
*Tootie Bueser*  
*King’s College London, USA*

10:15  
U.S. National Cancer Institute’s Cancer Genetics Information Resources: Usage Information and Partnership Opportunities
Robin Juthe  
National Cancer Institute, USA

10:30-11:00  Morning coffee

11:00-11:45  Session 8: Panel Discussion with the Speakers: Establishing a Collaborative Genomic Nursing Competency Action Plan  
Chair: Emma Tonkin

11:45-12:30  Liberating Structures Exercise-Wise Crowds: Establishing Genomic Communities of Nursing Practice  
Chair: Kathleen Calzone

12.30-12:45  Closing remarks:  
Christine Patch

12:45 -13:15  Lunch

13:15  Coach departs to Heathrow Airport via Stansted Airport
13:30  Coaches depart to Cambridge City Centre and Train Station